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W. R. Grace & Company

ACTON ENVIRONMENTAL PROGRAM
TENTH PROGRESS REPORT ON
AQUIFER RESTORATION SYSTEM OPERATION

February 1988

CDM

environmental engineers, scientists, planners, & management consultants

CAMP DRESSER & McKEE INC.

One Center Plaza
Boston, Massachusetts 02108
617 742-5151

February 16, 1988

Mr. James F. Murphy
Assistant Vice President
Polyfibron Division
W.R. Grace & Co.
55 Hayden Avenue
Lexington, MA 02173

Acton, MA Aquifer Restoration Program - Tenth Progress Report on System Operation

Dear Mr. Murphy:

As requested in the Government Parties' letter of December 29, 1986, we enclose this abbreviated quarterly summary of Aquifer Restoration System operation. This summary covers operation of the system and data accumulated since the Ninth Progress Report on Aquifer Restoration System Operation was issued in November 1987.

Volatile organic data are summarized in Attachment A. Inorganic data are summarized in Attachment B.

For reference, summaries of all organic and inorganic analyses performed since system startup in March 1985 are appended.

ANALYTICAL DATA - AQUIFER RESTORATION SYSTEM PERFORMANCE

Concentrations of Total Volatile Organics and VDC at the Tower Influent, while varying up and down from month to month, continue to reflect the general downward trend indicated by all data collected to date. Attachment C shows an updated plot of contaminant concentrations vs. time at the Tower Influent.

Sampling of the RP-1 bedrock recovery well was not scheduled for this reporting period. Attachment C shows, for reference, trends in concentration of total volatile organics vs. time at RP-1.

Attachment D shows contamination vs. time at the four lagoon wells (NLBR, NLGP, SLBR and SLGP) and Attachment E shows the same information at the three landfill wells (ELF, RLF, and WLF). The four lagoon wells and the RLF well continue to show a general downward trend in organic contamination. ELF continues to show variable organic contamination (after an

initial reduction) which we believe reflects the cyclical accumulation and release of perched water from the landfill. Contamination at WLF, which was started in June 1987 (two years after the other wells were started) is still increasing. Contamination here is expected to stabilize and then decline as the shift in the landfill plume stabilizes.

Effective volatile organic removal rates continue to occur at the air stripping tower. The 10 ppb total volatile organic discharge limit at Sinking Pond has not been exceeded since August 1986. Attachment F lists the tower air pressures measured this quarter, Attachment G is an updated correlation of tower air pressure to volatile organic removal efficiency and Attachment H is and updated plot of this correlation. Results are consistent with previous measurements.

Discharge of dissolved iron to Sinking Pond during this monitoring period has been slightly above the permitted level of 0.3 ppm. This has occurred every winter since startup and is a direct result of the influent plume floating on the colder, denser water in the pond. Under these conditions, the influent water is not dispersed into the pond at the monitoring point as thoroughly as it is the rest of the year.

ANALYTICAL DATA - PROTECTION OF THE ASSABET WELL FIELD

In accordance with the approved sampling schedule, there were no samples taken from the RP-1 bedrock recovery well, from the R-series monitoring wells or from the wells in the Broken Stone Pit area during this quarter. The next samples are scheduled to be taken during the semi-annual sampling round in March.

INSTALLATION AND STARTUP OF NORTHERNMOST GRAVEL-PACKED (NMGP) RECOVERY WELL

Installation of the NMGP recovery well, located on the western end of the southern side of the North Lagoon, was completed in early November. The well was started by Grace on November 5.

A 2-hour pumping test was conducted on December 3, after NMGP had been shut down for 24 hours. The water level in the NL-2 piezometer, located on the eastern end of the North Lagoon, dropped 0.30 feet in response to pumping the recovery well. This indicates that the groundwater under the lagoon is contained by the recovery well.

A well log is presented in Attachment I.

OPERATIONS THIS PERIOD

Attachment J summarizes the pumping history of the recovery wells during this quarter.

A chronology of operation follows:

The air stripping tower was cleaned with hydrogen peroxide on October 22.

The NMGP recovery well was started by Grace on November 5. (Pressure gauges and a sample tap had not been installed at that time - therefore a startup sample and a sample during the November sampling round are not reported). Flow from this well is approximately 50 gpm based on subsequent drawdown and discharge pressure readings.

The small air stripping tower at the RP-1 bedrock recovery well was cleaned with hydrogen peroxide on November 6.

On November 18, W.R. Grace reported that SLGP and WLF were found off. WLF was restarted the same day, SLGP on November 23. Grace also reported the installation of an extension to the air stripper's air discharge port. This extension is designed to increase the vertical velocity of the air leaving the tower and was installed in response to occasional odor complaints south of the Grace property.

W.R. Grace reported that WRG-3 was shut down on November 23 and that WRG-1 was running in its place. Qualitative observation of WRG-1 discharge flow level in the drainage sump adjacent to the air stripping tower indicated that WRG-1 discharges slightly more flow than WRG-3. WRG-1 remained in operation (in lieu of WRG-3) for the remainder of this reporting period.

Grace had shut down RP-1 at the same time WRG-3 was shut down. RP-1 and its air stripper were restarted on December 7. With WRG-3 off, treated water from RP-1, which is discharged to the WRG-3 well casing, flows through the well screen into the sand and gravel aquifer.

The Aquifer Restoration System air stripper was cleaned with hydrogen peroxide on December 16.

On December 23, Grace shut down the Aquifer Restoration System, at EPA's suggestion, pending the results of an air toxics investigation conducted by EPA. The system was restarted, with EPA's approval, on January 18, 1988.

WATER LEVEL MEASUREMENTS

A complete water level round was conducted by CDM on December 10. Results appear in Attachment K. This water level round was conducted with all of the Aquifer Restoration wells, including NMGP and RP-1, in operation and with WRG-1 operating in lieu of WRG-3. The resulting groundwater containment zone is shown on the pocket map appended to this report.

Muskrat and Turtle Ponds continue to show equal water levels. In addition to the levels measured during the December 10 level round, the following measurements were made this quarter:

Date	Muskrat Pond	Turtle Pond
October 27, 1987	128.22	128.24
November 24, 1987	128.21	128.24

If you have any questions regarding this report, please contact me or Charlie Jutras.

Very truly yours,

CAMP DRESSER & McKEE INC.

James T. O'Rourke, Ph.D., P.E.
Senior Vice President

cc: C. Jutras

ATTACHMENTS

DATE	LOCATION	DESIGNATION	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcFle	TOTAL DL	TOTAL VO
27-Oct-87	C-147	D/TOW-BF/3946	3947					3								2															1	5
24-Nov-87	C-148	D/TOW-BF/3958	3968					6																							1	6
28-Sep-87	D-170		3944																												10	0
28-Sep-87	ELF		3942		50						50					240			30												10	370
27-Oct-87	ELF		3955	7												19		6													1	32
24-Nov-87	ELF		3966													330		190													10	520
27-Oct-87	ISP		3948	2												1															1	3
24-Nov-87	ISP		3959																												5	0
28-Sep-87	NLBR		3937	220				760																							10	980
27-Oct-87	NLBR		3950	13				35																							1	48
24-Nov-87	NLBR		3961	120				690																							10	810
28-Sep-87	NLGP		3938					360																							10	360
27-Oct-87	NLGP		3951					21																							1	21
24-Nov-87	NLGP		3962					190																							10	190
28-Sep-87	ELF		3943	24				32	1					4		3															1	64
27-Oct-87	ELF		3956	27				2						4		3															1	36
24-Nov-87	ELF		3967	8				36																							1	44
28-Sep-87	SLBR		3939	210				510																							10	720
27-Oct-87	SLBR		3952	17				41																							1	58
24-Nov-87	SLBR		3963	50				370																							10	420
28-Sep-87	SLGP		3940	35				72								5		1	2												1	115
27-Oct-87	SLGP		3953	25				44								4			2												1	75
24-Nov-87	SLGP		3964	14				93																							1	107
27-Oct-87	TOW-BF		3946					3								3		1													1	7
24-Nov-87	TOW-BF		3958															8													1	8
24-Nov-87	TOW-BF		3958 B					6.5			1					3.3		1.5													1-10	12.3
27-Oct-87	TOW-IN		3945	69	5			130			2					26		7	2												1	241
24-Nov-87	TOW-IN		3957	38				150								25		8													1	221
24-Nov-87	TOW-IN		3957 B	53				230			1.1					23		7.5	2.2												1-10	316.
28-Sep-87	WLF		3941	260				240								130															10	630
27-Oct-87	WLF		3954	180				200		2				2		110															1	494
24-Nov-87	WLF		3965	76	11			270								94															1	451

NOTE: ALL CONCENTRATIONS IN PPB
All analyses were for Volatile Organic Priority Pollutants using EPA Method 624.
Compounds with blank concentrations and compounds not listed above were not detected.

DL = Detection Limit

LEGEND

V-chl=Vinyl Chloride
VDC=1,1 Dichloroethylene
1,1,1-TCEa=1,1,1 Trichloroethane
TetCethy=Tetrachloroethylene
etbz=Ethylbenzene
xylene=Total Xylenes
Benz=Benzene
Tol=Toluene
ACE=Acetone
TCFM=Trichlorofluoromethane
TCFle=Trichlorofluoroethane
TCle=1,1,2,2-tetrachloroethane
Clf=Chloroform
Bdcm=Bromodichloromethane
2-BUT=2-Butanone
1,2-DCEa=1,2-Dichloroethane
1,1-DCEa=1,1-Dichloroethane
1,2-DCP=1,2-Dichloropropane
Cle=chloroethane
MCl=Methylene Chloride
TCE=Trichloroethylene
T-VDC=Trans-1,2-Dichloroethylene
Acr=Acrolein
Acrnt=Acrylonitrile
Ctet=Carbon Tetrachloride
Clm=Chloromethane
CLb=Chlorobenzene

ATTACHMENT A

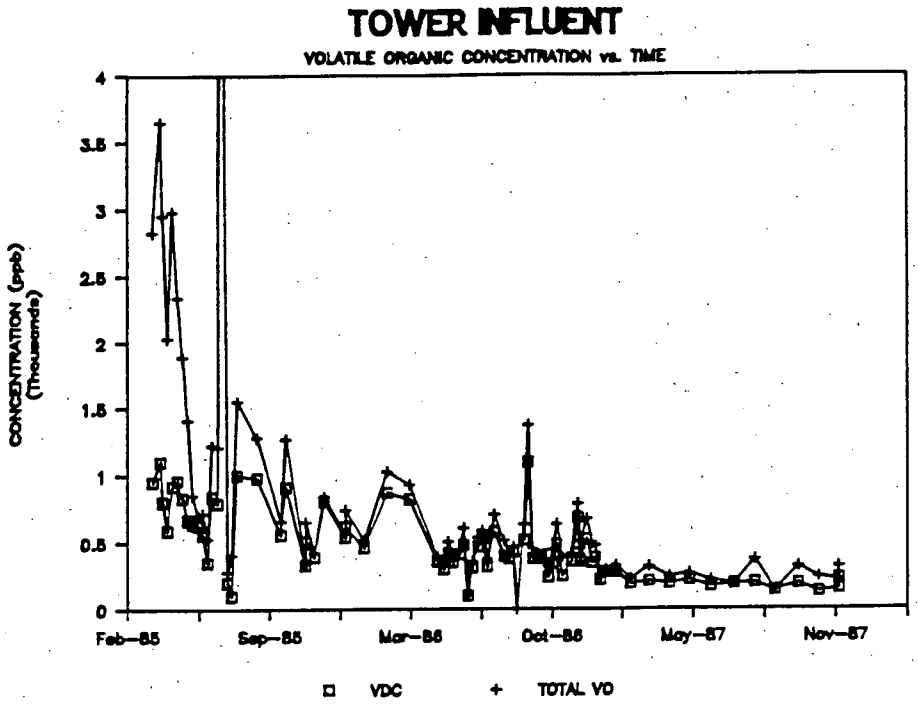
W.R.GRACE ACTON A.E. PROGRAM

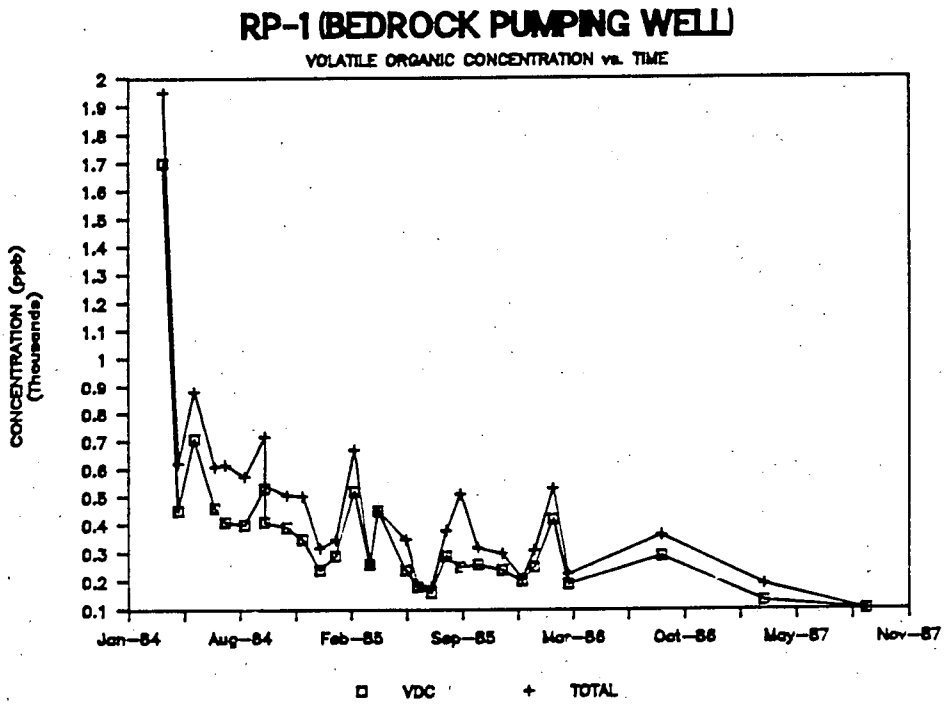
INORGANIC ANALYSES FOR PERMIT COMPLIANCE

DATE	LOCATION	REF	(mg/l) Fe-D	(mg/l) Fe-T	(NTU) Turb	(color units) Color	(mv) ORP	(mg/l) As-D	(mg/l) Be-D	(mg/l) Cd-D	(mg/l) Cr-D	(mg/l) Cu-D	(mg/l) Pb-D	(mg/l) Ni-D	(mg/l) Zn-D	(mg/l) N-Nitrate
WATER QUALITY STANDARDS			0.3	NA	1 to 5	15	NA	0.05	NA	0.01	0.05	1	0.05	NA	5	10
27-Oct-87	ISP	3948	0.54					0.013	<0.005	<0.001	<0.025	0.019	<0.008	<0.04	0.03	0.13
24-Nov-87	ISP	3959	0.69					0.016	<0.005	<0.001	<0.05	<0.010	<0.002	<0.2	0.08	<0.10
27-Oct-87	ISP-10X1	3949			29	50										
24-Nov-87	ISP-10X1	3960			9.4	30										
27-Oct-87	TOW-IN	3945	13					0.032	<0.005	<0.001	<0.025	0.025	<0.008	<0.04	0.04	<0.10
24-Nov-87	TOW-IN	3957	11					0.069	<0.005	<0.001	<0.05	<0.010	<0.002	<0.2	0.10	0.14

NOTE: All concentrations noted with a "<" (less-than sign) denote that the substance was not detected. The number following the less-than sign is the detection limit.

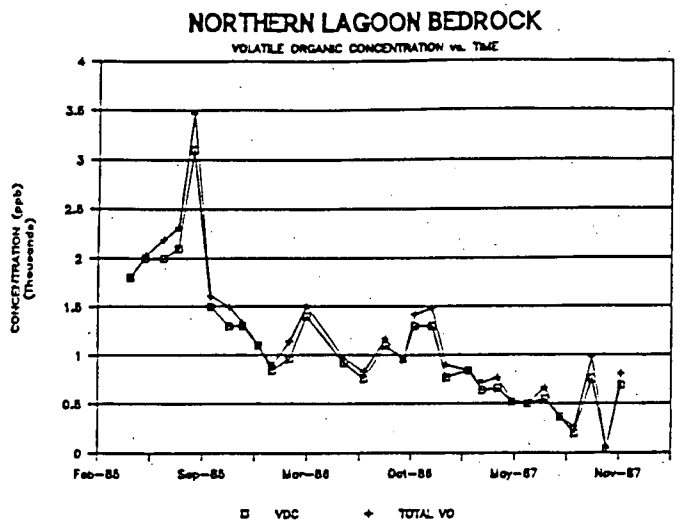
ATTACHMENT B

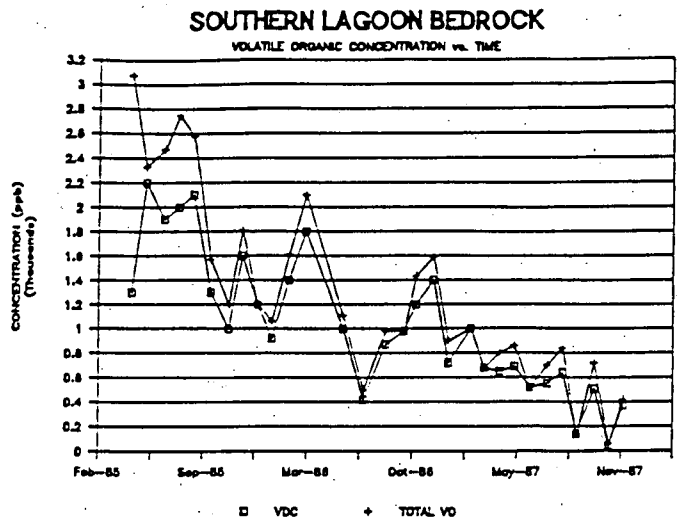


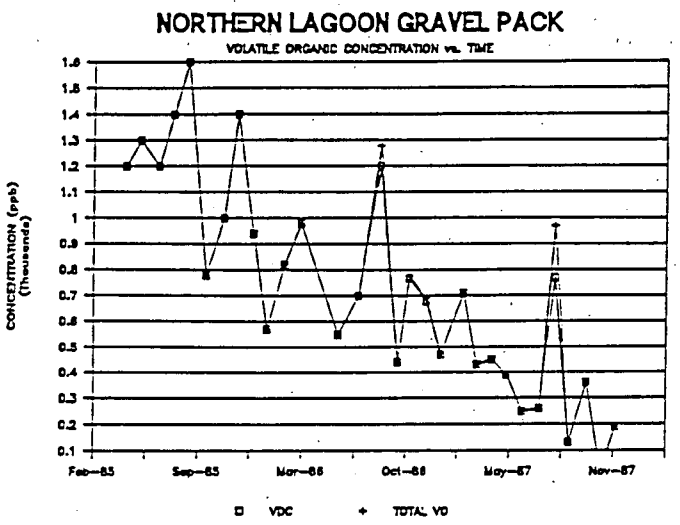


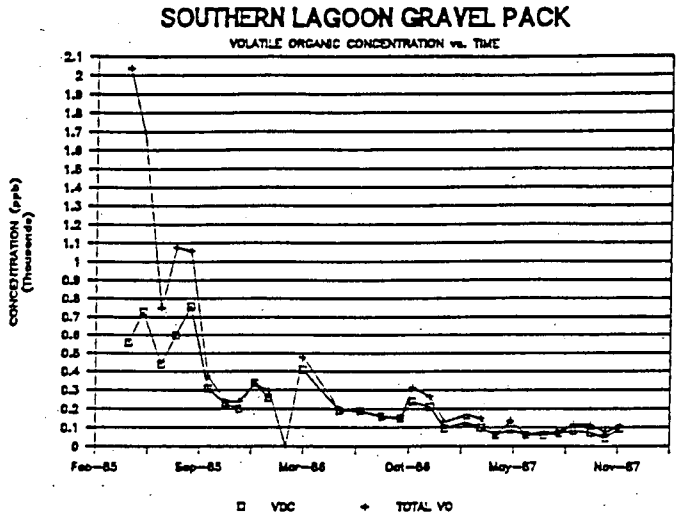
VOLATILE ORGANIC CONCENTRATIONS
AT AIR STRIPPING TOWER INFLUENT

ATTACHMENT C



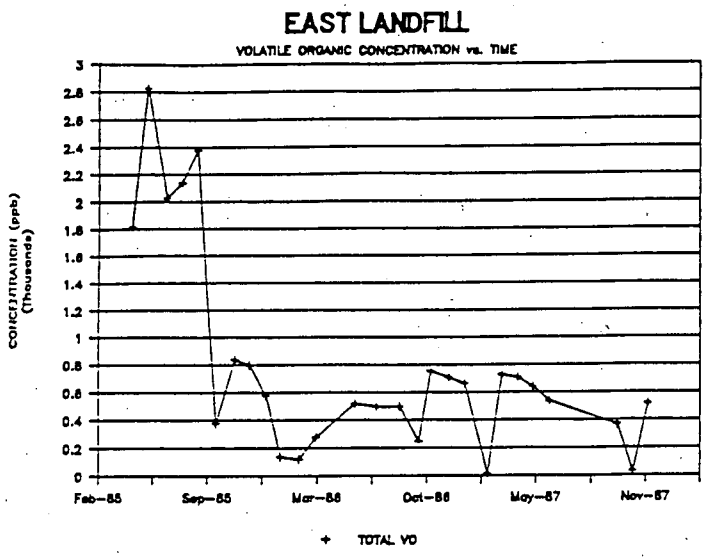


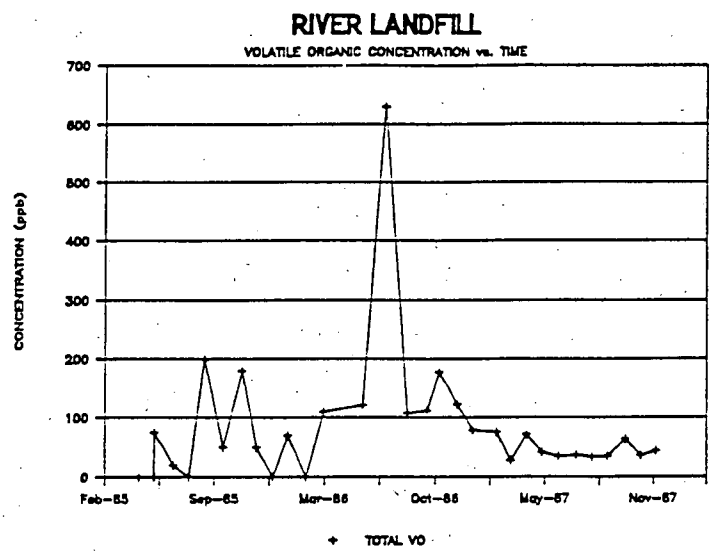


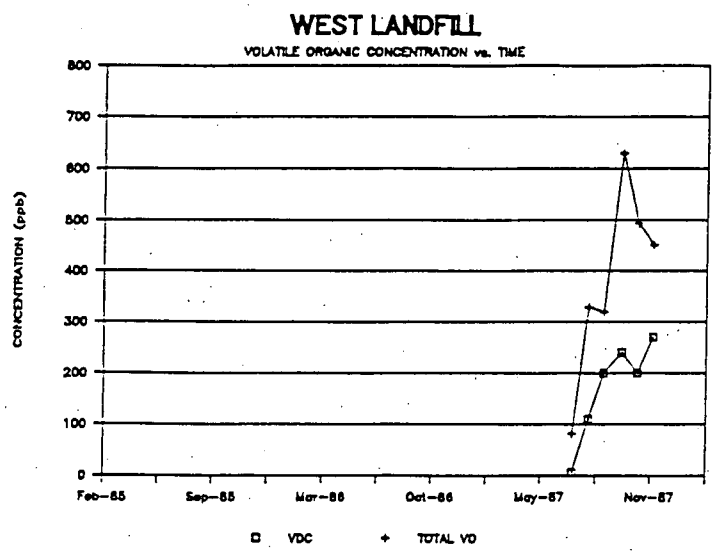


VOLATILE ORGANIC CONCENTRATIONS AT LAGOON WELLS

ATTACHMENT D







VOLATILE ORGANIC CONCENTRATIONS AT LANDFILL WELLS

ATTACHMENT E

W.R. GRACE, ACTON

TOWER AIR PRESSURES MEASURED
SEPTEMBER TO DECEMBER 1987

DATE	AIR PRESSURE (inches H2O)	
17-Sep-87	0.28	
24-Sep-87	0.48	
02-Oct-87	0.48	
08-Oct-87	0.84	
15-Oct-87	1.08	
22-Oct-87	1.22	Before Cleaning
22-Oct-87	0.18	After Cleaning
27-Oct-87	0.25	
06-Nov-87	0.40	
18-Nov-87	0.47	
24-Nov-87	0.66	
07-Dec-87	0.84	
10-Dec-87	1.04	
16-Dec-87	1.22	Before Cleaning
17-Dec-87	0.28	After Cleaning

ATTACHMENT F

TABLE 1-4

W.R. GRACE, ACTON

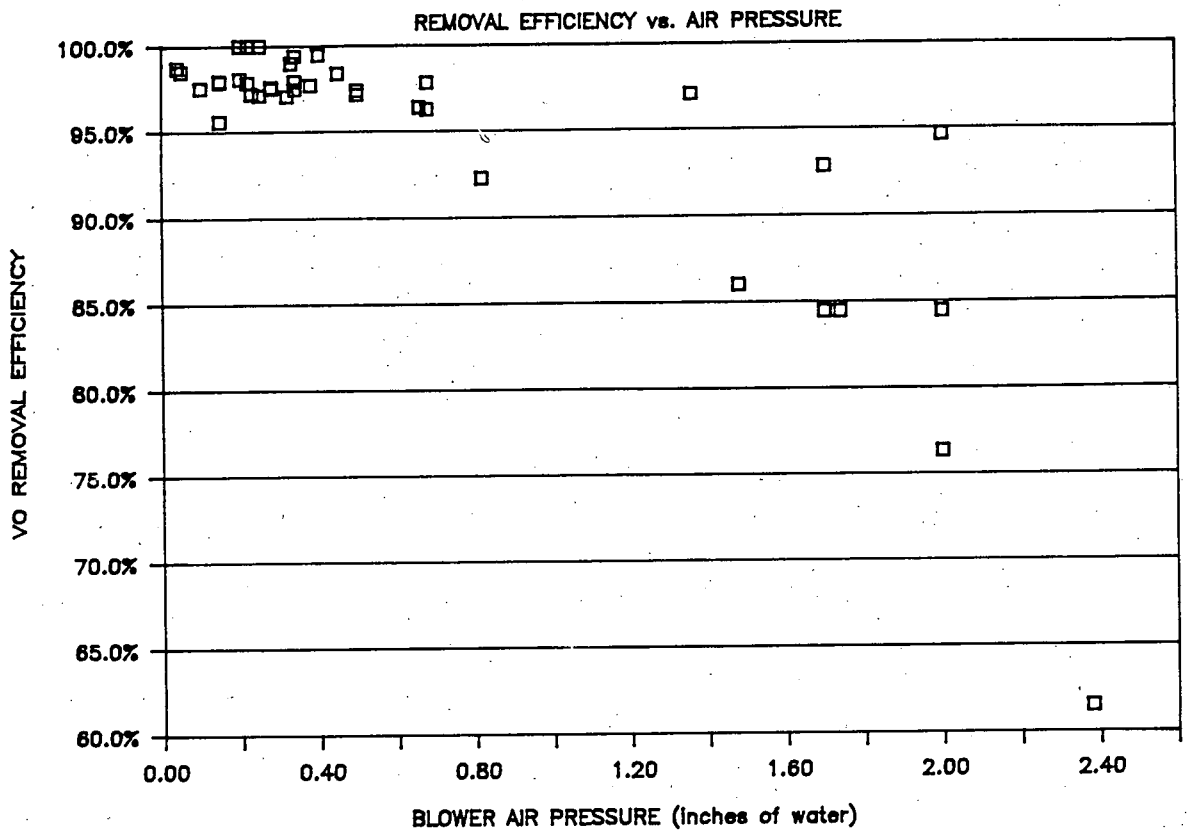
TOWER AIR PRESSURE SUMMARY

(Note that influent and effluent data taken before Oct 10, 1986 are approximate. Before that time, air pressures and water samples were taken on different days.)

DATE	TOW-EF	TOW-IN	REMOVAL EFFICIENCY	AIR PRESS. ("-H2O)
07-Oct-85	300	1270	76.4%	2.00
08-Nov-85	10	340	97.1%	1.36
14-Nov-85	60	430	86.0%	1.48
20-Nov-85	60	840	92.9%	1.70
07-Feb-86	200	520	61.5%	2.38
12-Feb-86	160	1030	84.5%	2.00
12-Feb-86	55	1030	94.7%	2.00
21-Feb-86	160	1030	84.5%	1.70
28-Feb-86	160	1030	84.5%	1.74
26-Aug-86	7	470	98.5%	0.05
10-Oct-86	4	320	98.8%	0.04
16-Oct-86	11	450	97.6%	0.10
22-Oct-86	17.2	390	95.6%	0.15
22-Oct-86	13	640	98.0%	0.15
30-Oct-86	9	390	97.7%	0.38
12-Nov-86	9	420	97.9%	0.22
21-Nov-86	19	790	97.6%	0.28
24-Nov-86	13	510	97.5%	0.34
24-Nov-86	9.5	458	97.9%	0.34
04-Dec-86	11	682	98.4%	0.45
11-Dec-86	13	494	97.4%	0.50
16-Dec-86	18	480	96.3%	0.68
23-Dec-86	5	240	97.9%	0.15
30-Dec-86	5.7	300	98.1%	0.20
30-Dec-86	0	300	100.0%	0.20
08-Jan-87	3	300	99.0%	0.33
14-Jan-87	2	330	99.4%	0.34
04-Feb-87	5	230	97.8%	0.68
02-Mar-87	9	320	97.2%	0.23
31-Mar-87	7	244	97.1%	0.50
28-Apr-87	8	270	97.0%	0.32
28-May-87	17	220	92.3%	0.82
30-Jun-87	0	190	100.0%	0.25
29-Jul-87	2	375	99.5%	0.40
26-Aug-87	0	140	100.0%	0.22
28-Sep-87	8	320	97.5%	0.28
27-Oct-87	7	241	97.1%	0.25
24-Nov-87	8	221	96.4%	0.66

ATTACHMENT G

AIR STRIPPING TOWER PERFORMANCE



Data Generally after August 1986	Data Generally before August 1986

NOTE: In August 1988, Tower Packing was Replaced and Bi-Monthly Cleaning Schedule was Started

ATTACHMENT H

Camp, Dresser & McKee, Inc. One Center Plaza, Boston, Massachusetts 02108

Soil Boring Log **Well Installation and Completion Data**

Client W. R. GRACE Site NORTH LAGOON Job No. 798-65 DN-GEAD Surveyed Elevation: Ground _____

Date Drilled 19-20 AUG. 87 Well No. _____ Boring Co. D.L. MAHER Top of Casing _____ Screen Length _____

Total Depth 40 FT Boring Method Used CABLE TOOL - DRIVEN 12" CASING Piezometer Casing Size & Type _____

Field Geologist J.L. DRAKE Organic Vapor Instruments Used H-NU Water Table Depth < 1 FT

Depth (feet)	Samp. No.	Blows per 6" _____ lbs.	Sample Interval	Adv. / Recov.	Org. Vap. - PPM	Sample Description	Strata. Change	Equipment Installed
					AMBIENT AIR ZERO			NOTES
0-7	S-1		7'			BROWN COARSE SAND WITH CSE GR. SOME MED-FINE SAND tr. silt	7'	POND USED FOR DRILLING WATER ↓
7-9	S-2		2'		30ppm	BLACK CSE. SAND AND PEBBLES tr. FINE SAND ODOR OF ORGANICS	9'	FOAM IN WASH WATER
9-20.5	S-3					GRAY SILTY FINE SAND	20.5	HAMMER DOWN HOLE TO LOOSEN FORMATION FOR BAILER
20.5 TO 22	S-4					SILTY FINE SAND AND VERY SHARP FINE GRAVEL WITH CSE. SAND tr. F S tr. Silt (INCREASING CSE GRAVEL WITH DEPTH) BROWN MED-CSE SAND AND FINE GRAVEL	22	
25' TO 28'	S-5					VERY COARSE GRAVEL AND 4" COBBLES WITH FINE GRAVEL AND COARSE SAND (BROWN)	25 / 28	
28' TO 35.5'	S-6					TRACE FINE SAND AT 28' GRAY CLAY AND FINE-MED-CSE SAND (COHESIVE)	35.5	BROWN WASH WATER - VERY HIGH SILT CONTENT
35.5' TO 40'	S-7					BROWN MEDIUM TO COARSE SAND AND MEDIUM GRAVEL WITH FINE SAND	40	BOTTOM OF HOLE

Remarks: 6" Screen set 25 FT TO 40 FT
PUMP INTAKE SET AT 25 FT

ATTACHMENT I

W. R. GRACE & CO. - ACTON FACILITY

SEPTEMBER 1987 THROUGH JANUARY 1988
AQUIFER RESTORATION PROGRAM PUMPING WELL FLOWS
(All Flows Reported in Gallons/Minute)

DATE	WLF	ELF	RLF	NLBR	NLGP	NMGP	SLBR	SLGP	TOTAL AR FLOW	WRG-3	RP-1
28-Sep-87	65	29	6	40	5	--	52	200	397	300*	10.4
27-Oct-87	69	43	8	43	5	--	52	180	400	300*	9.7
24-Nov-87	68	43	8	42	5	--	32	200	398	**	10.5
31-Dec-87	***	***	***	***	***	***	***	***	***	**	9.0
DESIGN FLOWS (From June 1984 Aquifer Restoration Report)	59	29	31	36	--	208			363		

* Estimated from direct measurement at discharge point.

** WRG-3 was shut off by Grace on November 23. WRG-1 has been running continuously since then at a slightly higher flow rate than WRG-3. WRG-1 does not have a flow meter - flow magnitude estimated by water level at discharge sump.

*** Aquifer Restoration System was shut down from December 23, 1988 through January 18, 1988 as part of an odor investigation.

NOTE: Flows are estimated from flow meter readings, suction water levels, discharge pressures and pump characteristic curves.

ATTACHMENT J

LOCATION	ELEVATION USGS	LOCATION	ELEVATION USGS
A-2E	126.81	G-1	140.86
A4-78	128.32	G-2	137.18
A5-78	128.92	G-3	138.93
A6-78	129.52	J-2P	126.30
A7-78	130.33	J-3P	125.21
A8-78	131.36	LF-1	138.01
AR-1	128.14	LF-2	134.78
AR-2	127.32	LF-3	140.35
AR-3	140.50	LF-4	135.99
AR-4	139.50	LF-5	136.68
AR-5	136.78	LF-5A	136.82
AR-6	141.18	LF-5B	136.95
AR-7	148.36	LF-5C	137.10
AR-8	132.24	LF-6C	133.96
AR-9	139.58	LF-6N	131.11
AR-9A	135.61	LF-6S	135.83
AR-9BR	135.59	LF-7	137.38
AR-10	138.64	LF-8	137.39
AR-10BR	135.52	NL-1	135.30
AR-11	134.38	NL-2	136.97
AR-12	123.71	PT-1	125.48
AR-13	131.65	PT-2	125.73
AR-14	128.42	PT-3	125.75
AR-15	136.38	PT-4	125.23
AR-16DP(A)	129.92	PT-5	125.30
AR-16SH(B)	129.59	PT-9	125.34
AR-17DP(B)	131.09	PT-10	125.08
AR-17SH(A)	130.85	PT-11	124.94
AR-18	136.81	PT-12	141.24
AR-19DP(B)PZ	137.93	R-1	129.76
AR-19SH(A)PZ	135.92	R-2	129.42
AR-20	129.12	R-2A	129.26
AR-20A	132.71	R-3	129.00
AR-21	128.88	R-4	132.36
AR-21A	128.36	R-4A	134.02
AR-21B	135.28	R-5	129.33
AR-22	121.20	SL-5	138.99
AR-23	134.45	SL-9	138.90
AR-23A	134.48	TCA-1	138.15
AR-23B	134.66	TF-2	137.93
AR-25B	136.56	TW-2-78	139.02
AR-25D	139.61	UNA-1	128.85
AR-25S	139.57	UNA-2	130.45
B-1	138.12	UNA-3	130.87
B-3	137.52	UNA-5	135.77
B-4	139.72	WLF-OBS	131.51
B-6	127.26	WRG-1-DW	124.86
B-7	125.69	WRG-2-CW	132.87
B-10	139.11	73-3	126.43
BD-1	138.65	73-4	131.21
BD-2	138.71	73-6	130.26
BD-4	138.86	73-7	129.32
BL-1	136.76	77-1	128.41
BSL-1	140.00	77-2	128.05

LOCATION	ELEVATION USGS	LOCATION	ELEVATION USGS
CLF-1	126.37	77-3	130.06
CLF-2P1(C)	125.12	78-3	128.10
CLF-2P2(B)	124.84	9-78	126.88
CLF-2P3(A)	123.76	NLBR	131.01
CLF-3P1(A)	124.86	NLGP	137.07
CLF-3P2(B)	124.56	WLF	119.69
CLF-3P3(C)	124.51	ELF	123.00
EL-3	138.57	RLF	111.89
ELF-OBS	134.84	SLBR	130.60
		SLGP	128.98

BARCAD WELLS		SURFACE WATER ELEVATION	
LF-7B-SH	137.38	ASSABET RIVER at Rt. 62	127.80
LF-7B-DP	136.47		
LF-8B	135.78		
B6-B4	125.41	SINKING POND	144.63
		MUSKRAT POND	128.59
		TURTLE POND	128.57
		FT.POND BRK	127.61

DARAMIC OIL RECOVERY WELLS:

D-1*	138.24	D-10*	138.64
D-2*	138.38	D-11*	138.2
D-3*	138.25	D-12*	138.12
D-4*	137.98	D-13*	137.96
D-5*	138.29	D-14*	138.07
D-6*	138.52	RECOVERY WELL*	135
D-7*		TF-1*	134.71
D-8*	138.4	TF-2*	137.9
D-9*	138.74		

NOTE-- ALL ELEVATIONS REFER TO USGS DATUM
* SAMPLES TAKEN BY GROUNDWATER TECHNOLOGY INC. ON DECEMBER 3,1987

APPENDIX

VOA Data from March 25, 1985 to February 3, 1988

Inorganic Data through February 3, 1988

Water Level Summary

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCe	thy	Tol	ethz	xylene	Acrntl	CTet	TCPM	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcFle	DL	TOTAL VO
27-Mar-85	AIRSTRP		1539	E				47																								2-25	47
27-Mar-85	AIRSTRP		1536																													10	0
11-Apr-85	AIRSTRP		1557																													10	0
31-May-85	AIRSTRP		1674					20																								10	20
21-Jun-85	AIRSTRP		1739																													10	0
16-Jul-85	AIRSTRP		1827																30		40											10	70
12-Aug-85	AIRSTRP		1865																													10	0
06-Sep-85	AIRSTRP		1917																													10	0
08-Oct-85	AIRSTRP		2002																													10	0
20-Nov-85	AIRSTRP		2028																													10	0
26-Dec-85	AIRSTRP		2115																													10	0
17-Jan-86	AIRSTRP		2144	E																												2-50	0
17-Jan-86	AIRSTRP		2144																													10	0
20-Feb-86	AIRSTRP		2174																													10	0
04-Sep-86	AIRSTRP		2425					9																								1	9
06-Mar-87	AIRSTRP		2683																													1	0
04-Sep-87	AIRSTRP		2840					4											1													1	5
03-Nov-86	AR-10B1		2596	36				3								6																1	45
08-Sep-87	AR-10B1		3857	120				10								10																1	140
03-Nov-86	AR-10B2		2597																													1	0
08-Sep-87	AR-10B2		3858																													1	0
30-Oct-86	AR-10BR		2590																													1	0
08-Sep-87	AR-10BR		3859																													1	0
30-Oct-86	AR-10P		2592																													1	0
08-Sep-87	AR-10P		3856																													1	0
03-Jul-85	AR-11B1		1772																													10	0
23-Sep-85	AR-11B1		1948													20																10	20
05-Dec-85	AR-11B1		2091																													10	0
06-Mar-86	AR-11B1		2231													40																10	40
05-Sep-86	AR-11B1		2440																													10	0
04-Oct-86	AR-11B1		2554	36				4								6																1	46
12-Mar-87	AR-11B1		2724	210				12								22																1	244
11-Sep-87	AR-11B1		3916	35				3								3																1	41
03-Jul-85	AR-11B2		1773																													10	0
23-Sep-85	AR-11B2		1949					140								50			10													10	200
05-Dec-85	AR-11B2		2092	10				30																								10	40
06-Mar-86	AR-11B2		2232	130				150																								10	280
05-Sep-86	AR-11B2		2441	20				100																								10	120
04-Oct-86	AR-11B2		2555	70				130								11																1	211
12-Mar-87	AR-11B2		2725	102				96								10																1	208
11-Sep-87	AR-11B2		3917	62				74		2						6																1	144
03-Jul-85	AR-11P		1774																													10	0
13-Sep-85	AR-11P		1942																													10	0
05-Dec-85	AR-11P		2090																													10	0
06-Mar-86	AR-11P		2230																													10	0
05-Sep-86	AR-11P		2439																													10	0
04-Oct-86	AR-11P		2553	6				3																								1	9
12-Mar-87	AR-11P		2723																													1	0
11-Sep-87	AR-11P		3915					2																								1	2
05-Jul-85	AR-12P		1787																													10	0
12-Sep-85	AR-12P		1933					90						40		360			70		20											10	580
06-Dec-85	AR-12P		2096					40																								10	40
06-Mar-86	AR-12P		2233	30				70						40		40																10	180
30-Sep-86	AR-12P		2512																													1	0
12-Mar-87	AR-12P		2722	20				52	6					52		41																1	171
10-Sep-87	AR-12P		3901	32				58	4					50		49																1	193
07-Jun-85	AR-15B1		1707	280				1100								10																10	1390
04-Sep-85	AR-15B1		1899	250				2100																								10	2350

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	ethbz	xylene	Acrntl	CTet	TCPM	Tcle	Acr	Clf	Cla	Bdcm	Clb	TcPle	DL	TOTAL VO
03-Dec-85	AR-15B1		2060	220				1300																							10	1520
19-Mar-86	AR-15B1		2240	160				1200																							10	1360
12-Sep-86	AR-15B1		2449	220				1900																							10	2120
04-Oct-86	AR-15B1		2539	68				620								5															1	693
17-Mar-87	AR-15B1		2747	79				320								2															1	401
11-Sep-87	AR-15B1		3905	200				1000																							1	1200
07-Jun-85	AR-15B2		1708					310																							10	310
04-Sep-85	AR-15B2		1900	170				1700																							10	1870
03-Dec-85	AR-15B2		2061					880																							10	880
19-Mar-86	AR-15B2		2241	60				550																							10	610
12-Sep-86	AR-15B2		2450	50				640																							10	690
04-Oct-86	AR-15B2		2540	59				520																							1	579
17-Mar-87	AR-15B2		2748	5				39																							1	44
11-Sep-87	AR-15B2		3906					13																							1	13
07-Jun-85	AR-15B3		1709					60																							10	60
04-Sep-85	AR-15B3		1901					120																							10	120
03-Dec-85	AR-15B3		2062					130																							10	130
19-Mar-86	AR-15B3		2242					70																							10	70
12-Sep-86	AR-15B3		2451					90																							10	90
04-Oct-86	AR-15B3		2541	4				45																							1	49
17-Mar-87	AR-15B3		2749	2				22																							1	24
11-Sep-87	AR-15B3		3907					3																							1	3
07-Jun-86	AR-15P		1710					60																							10	60
04-Sep-85	AR-15P		1898																												10	0
19-Mar-86	AR-15P		2239																												10	0
12-Sep-86	AR-15P		2448					50																							10	50
04-Oct-86	AR-15P		2538					3																							1	3
17-Mar-87	AR-15P		2746	2				24																							1	26
16-Sep-87	AR-15P		3923					6																							1	6
03-Jul-85	AR-16A		1770					150																							10	150
13-Sep-85	AR-16A		1945	50				1000								10															10	1060
18-Dec-85	AR-16A		2102					70																							10	70
05-Mar-86	AR-16A		2225	100				1100																							10	1200
29-Sep-86	AR-16A		2497					380																							10	380
09-Mar-87	AR-16A		2696	76				310								6															1	392
10-Sep-87	AR-16A		3880	45				200								5															1	250
03-Jul-85	AR-16B		1771																												10	0
13-Sep-85	AR-16B		1944																												10	0
18-Dec-85	AR-16B		2103																												10	0
05-Mar-86	AR-16B		2226																												10	0
29-Sep-86	AR-16B		2496																												10	0
21-Nov-86	AR-16B		2606																												1	0
09-Mar-87	AR-16B		2695																												1	0
10-Sep-87	AR-16B		3881																												1	0
03-Jul-85	AR-17A		1769																												10	0
13-Sep-85	AR-17A		1946																												10	0
06-Dec-85	AR-17A		2097																												10	0
06-Mar-86	AR-17A		2227																												10	0
26-Sep-86	AR-17A		2491																												10	0
26-Sep-86	AR-17A		2491																												1	0
09-Mar-87	AR-17A		2699																												1	0
10-Sep-87	AR-17A		3882																												1	0
03-Jul-85	AR-17B		1768																												10	0
13-Sep-85	AR-17B		1947																												10	0
06-Dec-85	AR-17B		2098																												10	0
06-Mar-86	AR-17B		2228																												10	0
26-Sep-86	AR-17B		2492																												10	0
26-Sep-86	AR-17B		2492					7																							1	7

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcFle	DL	TOTAL VO
09-Mar-87	AR-17B		2698					3																							1	3
10-Sep-87	AR-17B		3883					4																							1	4
05-Jul-85	AR-20		1786																												10	0
11-Sep-85	AR-20		1929																												10	0
06-Dec-85	AR-20		2093																												10	0
28-Mar-86	AR-20		2293																												10	0
16-Sep-86	AR-20		2469					2							1																1	3
12-Mar-87	AR-20		2719					3																							1	3
11-Sep-87	AR-20		3903					3																							1	3
05-Jul-85	AR-20A		1785																												10	0
11-Sep-85	AR-20A		1930	110				280																							10	390
06-Dec-85	AR-20A		2094	30				160																							10	190
28-Mar-86	AR-20A		2291	20				130																							10	150
16-Sep-86	AR-20A		2467	130				290		3						15															1	438
12-Mar-87	AR-20A		2720	14				65								3															1	82
11-Sep-87	AR-20A		3904	90				97		1						8															1	196
28-Mar-85	AR-21		1547					10								30															10	40
12-Apr-85	AR-21		1573													200															10	200
04-Jun-85	AR-21		1693					8												1											1	9
21-Jun-85	AR-21		1735													100															10	100
17-Jul-85	AR-21		1836													250															10	250
20-Aug-85	AR-21		1883																												10	0
26-Sep-85	AR-21		1964													60															10	60
31-Oct-85	AR-21		2008													180															10	180
21-Nov-85	AR-21		2041													200															10	200
31-Dec-85	AR-21		2130													170															10	170
17-Jan-86	AR-21		2147													230															10	230
21-Feb-86	AR-21		2177													140															10	140
01-Apr-86	AR-21		2297					20								10															10	30
15-Sep-86	AR-21		2461					10						20		400															10	430
05-Oct-86	AR-21		2558	21				21	4		2			30		390															1	468
12-Mar-87	AR-21	BENZ. APPROX	2727	27				12	3					33		410															1	485
20-Sep-87	AR-21		3930	20										20		210															10	250
28-Mar-85	AR-21A		1546					30																							10	30
17-Apr-85	AR-21A		1577					60																							10	60
04-Jun-85	AR-21A		1694	24				61								4				1											1	90
21-Jun-85	AR-21A		1736					40						30																	10	70
17-Jul-85	AR-21A		1835																												10	0
20-Aug-85	AR-21A		1884					50						30																	10	80
30-Sep-85	AR-21A		1986	8				40						22																	10	70
31-Oct-85	AR-21A		2007											30		10															10	40
21-Nov-85	AR-21A		2042					30																							10	30
31-Dec-85	AR-21A		2131																												10	0
17-Jan-86	AR-21A		2148					50						40																	10	90
25-Feb-86	AR-21A		2190	33				81	10					83		15															10	222
03-Apr-86	AR-21A		2298					100						130		20															10	250
15-Sep-86	AR-21A		2462					100						80																	10	180
05-Oct-86	AR-21A		2557	66				170	23				3	73		10															1	345
12-Mar-87	AR-21A		2726	33				91	11					83		6															1	224
28-Sep-87	AR-21A		3931	31				40	9					47		6															1	133
05-Jul-85	AR-22		1784																												10	0
12-Sep-85	AR-22		1932					40						20		100		20													10	180
06-Dec-85	AR-22		2095																												10	0
28-Mar-86	AR-22		2292																												10	0
16-Sep-86	AR-22		2468	7				44						3		1															1	55
12-Mar-87	AR-22		2721	1				8						3																	1	12
11-Sep-87	AR-22		3902					8						3																	1	11
11-Apr-86	AR-23		2317													1															1	1

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcFle	DL	TOTAL VO
26-Sep-86	AR-23		2493																												10	0
10-Mar-87	AR-23		2700																												1	0
10-Sep-87	AR-23		3877																												1	0
26-Sep-86	AR-23A		2494																												1	0
26-Sep-86	AR-23A		2494																												10	0
10-Mar-87	AR-23A		2701																												1	0
10-Sep-87	AR-23A		3878																												1	0
26-Sep-86	AR-23B		2495																												10	0
26-Sep-86	AR-23B		2495																												1	0
10-Mar-87	AR-23B		2702																												1	0
10-Sep-87	AR-23B		3879																												1	0
11-Sep-85	AR-24B1	20ppb VDC spk	1925					14																							1	14
11-Sep-85	AR-24P	20ppb VDC spk	1924					12																							1	12
11-Sep-85	AR-24P	20ppb VDC spk	1924 R					13																							1	13
02-Sep-86	AR-25B		2410	150				410								15															1	575
11-Sep-86	AR-25B		2442	340				900								20															10	1260
03-Nov-86	AR-25B		2595	270				450	2	2						25		1													1	750
22-May-87	AR-25B		2789	190				280								10															10	480
09-Sep-87	AR-25B		3861	340				320								20															10	680
02-Sep-86	AR-25D		2408																												1	0
11-Sep-86	AR-25D		2443																												1	0
22-May-87	AR-25D		2790																												1	0
09-Sep-87	AR-25D		3862																												1	0
02-Sep-86	AR-25S		2409																												1	0
22-May-87	AR-25S		2791																												1	0
09-Sep-87	AR-25S		3860																												10	0
05-Jul-85	AR-3B1		1780	16				1300																							10	1316
23-Sep-85	AR-3B1		1950					75								30															10	105
03-Dec-85	AR-3B1		2056	140				640								20															10	800
06-Mar-86	AR-3B1		2234					270																							10	270
12-Sep-86	AR-3B1		2453	40				480								20															10	540
04-Oct-86	AR-3B1		2542	35				290								12															1	337
13-Mar-87	AR-3B1		2729	20				120								8															1	148
04-Sep-87	AR-3B1		2852	68				180								12															1	260
05-Jul-85	AR-3B2		1781																												10	0
23-Sep-85	AR-3B2		1951																												10	0
03-Dec-85	AR-3B2		2057																												10	0
06-Mar-86	AR-3B2		2235																												10	0
12-Sep-86	AR-3B2		2454					20																							10	20
04-Oct-86	AR-3B2		2543					27																							1	27
13-Mar-87	AR-3B2		2730					4																							1	4
04-Sep-87	AR-3B2		3853					9																							1	9
05-Jul-85	AR-3B3		1782																												10	0
23-Sep-85	AR-3B3		1952																												10	0
03-Dec-85	AR-3B3		2058																												10	0
06-Mar-86	AR-3B3		2236																												10	0
12-Sep-86	AR-3B3		2455																												10	0
04-Oct-86	AR-3B3		2544					16																							1	16
13-Mar-87	AR-3B3		2731																												1	0
04-Sep-87	AR-3B3		3854																												1	0
05-Jul-85	AR-3B4		1783																												10	0
23-Sep-85	AR-3B4		1953																												10	0
03-Dec-85	AR-3B4		2059																												10	0
06-Mar-86	AR-3B4		2237																												10	0
12-Sep-86	AR-3B4		2456																												10	0
04-Oct-86	AR-3B4		2545					4																							1	4
13-Mar-87	AR-3B4		2732																												1	0
04-Sep-87	AR-3B4		3855															2													1	2

DATE	LOCATION	NOTES	REP NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCetky	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Cln	Bdcm	Clb	TcFle	DL	TOTAL VO
05-Jul-85	AR-3P		1779																												10	0
23-Sep-85	AR-3P		1954																												10	0
03-Dec-85	AR-3P		2055																												10	0
06-Mar-86	AR-3P		2238																												10	0
12-Sep-86	AR-3P		2452																												10	0
04-Oct-86	AR-3P		2546					7																							1	7
13-Mar-87	AR-3P		2728																												1	0
04-Sep-87	AR-3P		2851																												1	0
03-Jul-85	AR-8B1		1765																												10	0
23-Sep-85	AR-8B1		1955																												10	0
18-Dec-85	AR-8B1		2100																												10	0
05-Mar-86	AR-8B1		2223																												10	0
26-Sep-86	AR-8B1		2488																												10	0
26-Sep-86	AR-8B1		2488	2				6																							1	8
09-Mar-87	AR-8B1		2693																												1	0
11-Sep-87	AR-8B1		3909					3																							1	3
03-Jul-85	AR-8B2		1766					550																							10	550
23-Sep-85	AR-8B2		1956					350								20															10	370
18-Dec-85	AR-8B2		2101																												10	0
05-Mar-86	AR-8B2		2224																												10	0
26-Sep-86	AR-8B2		2489					20								10															10	30
26-Sep-86	AR-8B2		2489	8				42		12						1															1	63
09-Mar-87	AR-8B2		2694	9				37		13																					1	53
11-Sep-87	AR-8B2		3910					23		10																					1	33
03-Jul-85	AR-8P		1767																												10	0
13-Sep-85	AR-8P		1943																												10	0
18-Dec-85	AR-8P		2099																												10	0
05-Mar-86	AR-8P		2222																												10	0
26-Sep-86	AR-8P		2487																												1	0
26-Sep-86	AR-8P		2487																												10	0
09-Mar-87	AR-8P		2692																												1	0
11-Sep-87	AR-8P		3908																												1	0
31-Oct-86	AR-9A		2594	240				530								21															1	791
11-Sep-87	AR-9A		3911	180				380								14															10	574
11-Apr-85	AR-9B1		1556																												10	0
31-May-85	AR-9B1		1680																												10	0
10-Jul-85	AR-9B1		1790																												10	0
30-Jul-85	AR-9B1		1858																												10	0
16-Aug-85	AR-9B1		1882																												10	0
11-Sep-85	AR-9B1		1928																												10	0
08-Oct-85	AR-9B1		2005																												10	0
20-Nov-85	AR-9B1		2040																												10	0
31-Dec-85	AR-9B1		2126																												10	0
22-Jan-86	AR-9B1		2158																												10	0
25-Feb-86	AR-9B1		2192																												10	0
28-Mar-86	AR-9B1		2295																												10	0
29-Sep-86	AR-9B1		2499																												1	0
10-Mar-87	AR-9B1		2706													1															1	1
11-Sep-87	AR-9B1		3914																												1	0
31-Oct-86	AR-9BR		2593	250				560								22		2													1	834
11-Sep-87	AR-9BR	V-chl,VDC *	3912	230				140		2						13															1	385
11-Apr-85	AR-9P		1555																												10	0
31-May-85	AR-9P		1679																												10	0
10-Jul-85	AR-9P		1789																												10	0
30-Jul-85	AR-9P		1857																												10	0
16-Aug-85	AR-9P		1881																												10	0
11-Sep-85	AR-9P		1927																												10	0
08-Oct-85	AR-9P		2004																												10	0

DATE	LOCATION	NOTES	REP NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	ethbz	xylene	Acrntl	CTet	TCPH	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcPle	DL	TOTAL VO
20-Nov-85	AR-9P		2039																												10	0
31-Dec-85	AR-9P		2125																												10	0
22-Jan-86	AR-9P		2157																												10	0
25-Feb-86	AR-9P		2191																												10	0
28-Mar-86	AR-9P		2294																												10	0
29-Sep-86	AR-9P		2498																												1	0
10-Mar-87	AR-9P		2705																												1	0
11-Sep-87	AR-9P		3913					3																							1	3
28-Mar-85	ASBRIV-DN2		1543																												1	0
17-Apr-85	ASBRIV-DN2	ARIV-DN	1579																												1	0
31-May-85	ASBRIV-DN2		1683																												1	0
28-Jun-85	ASBRIV-DN2		1760																												1	0
30-Jul-85	ASBRIV-DN2		1853																												1	0
13-Aug-85	ASBRIV-DN2		1876																												1	0
30-Sep-85	ASBRIV-DN2		1985																												1	0
31-Oct-85	ASBRIV-DN2		2009																												1	0
21-Nov-85	ASBRIV-DN2		2043																												1	0
31-Dec-85	ASBRIV-DN2		2128																												1	0
17-Jan-86	ASBRIV-DN2		2146																												1	0
27-Feb-86	ASBRIV-DN2		2194																												1	0
28-Mar-86	ASBRIV-DN2		2290																												1	0
16-Sep-86	ASBRIV-DN2		2466																												1	0
18-Mar-87	ASBRIV-DN2		2768																												1	0
10-Sep-87	ASBRIV-DN2		3892																												1	0
28-Mar-85	ASBRIV-UP		1542																												1	0
17-Apr-85	ASBRIV-UP	ARIV-UP	1578																												1	0
31-May-85	ASBRIV-UP		1682																												1	0
28-Jun-85	ASBRIV-UP		1759																												1	0
30-Jul-85	ASBRIV-UP		1854																												1	0
13-Aug-85	ASBRIV-UP		1875																												1	0
30-Sep-85	ASBRIV-UP		1984																												1	0
31-Oct-85	ASBRIV-UP		2010																												1	0
21-Nov-85	ASBRIV-UP		2044																												1	0
31-Dec-85	ASBRIV-UP		2127																												1	0
17-Jan-86	ASBRIV-UP		2145																												1	0
27-Feb-86	ASBRIV-UP		2193																												1	0
28-Mar-86	ASBRIV-UP		2289																												1	0
16-Sep-86	ASBRIV-UP		2465																												1	0
18-Mar-87	ASBRIV-UP		2767																												1	0
10-Sep-87	ASBRIV-UP		3893					5																							1	5
28-Mar-85	ASB-ONE		1544					9					70																		1	79
30-Apr-85	ASB-ONE		1596					11					70																		1	81
31-May-85	ASB-ONE		1684										20																		1	20
28-Jun-85	ASB-ONE		1742										3																		1	3
17-Jul-85	ASB-ONE		1831					7					57																		1	64
13-Aug-85	ASB-ONE		1867					15					56																		1	71
13-Aug-85	ASB-ONE		1867	B				11	7				50																		2-50	68
04-Sep-85	ASB-ONE		1896	CC				8.1	5.9				46		1.8																1	62
04-Sep-85	ASB-ONE		1896					13					50																		1	63
04-Sep-85	ASB-ONE		1896	B				12	8.2				54																		2	74
08-Oct-85	ASB-ONE		1992					9					26																		1	35
20-Nov-85	ASB-ONE		2025					3					25																		1	28
08-Jan-86	ASB-ONE		2132					12					40																		1	52
23-Jan-86	ASB-ONE		2171					7					23																		1	30
28-Feb-86	ASB-ONE		2203					14	7				51																		1	72
27-Mar-86	ASB-ONE		2275					8	6				42		2																1	58
22-May-86	ASB-ONE	WSD SAMPLE	DEQE					6	4				35		2																1	47
30-Jul-86	ASB-ONE	WSD SAMPLE	DEQE					5	3				29		2																1	38

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Cla	Bdcm	Clb	TcFle	DL	TOTAL VO
29-Aug-86	ASB-ONE	WSD SAMPLE	DEQE					6	4				34		2								P								1	46
10-Sep-86	ASB-ONE	WSD SAMPLE	CALGON					14	3				30		1																1	48
30-Sep-86	ASB-ONE		2500					6	3				35																		1	44
29-Oct-86	ASB-ONE	WSD SAMPLE	DEQE					6	3				31		1																1	41
02-Dec-86	ASB-ONE	WSD SAMPLE	DEQE					5	3				32		2																1	42
10-Dec-86	ASB-ONE	WSD SAMPLE	DEQE					5	4				35		1																1	45
05-Jan-87	ASB-ONE	WSD SAMPLE	DEQE					5	3				35		2																1	44
14-Jan-87	ASB-ONE	WSD SAMPLE	CALGON					3	3				30		1																1	37
02-Mar-87	ASB-ONE	WSD SAMPLE	DEQE					4	3				38		2																1	46
12-Mar-87	ASB-ONE	WSD SAMPLE	CALGON					5	4				34		2																1	45
18-Mar-87	ASB-ONE		2750										33		1																1	34
18-Mar-87	ASB-ONE		2750 E					4	3				45		2																1	54
01-Apr-87	ASB-ONE	WSD SAMPLE	DEQE					5	3				43		<1																1	50
18-May-87	ASB-ONE	WSD SAMPLE	CALGON					3	3				33																		1	39
27-May-87	ASB-ONE	WSD SAMPLE	DEQE					2	2				16		<1																1	20
09-Sep-87	ASB-ONE		3885 E					2	2				36																	1-10	40
10-Sep-87	ASB-ONE		3885					3	3				39		1																1	46
28-Mar-85	ASB-TWO		1545					17																							1	17
30-Apr-85	ASB-TWO		1597					22																							1	22
31-May-85	ASB-TWO		1685					4																							1	4
28-Jun-85	ASB-TWO		1743																												1	0
17-Jul-85	ASB-TWO		1832					21																							1	21
13-Aug-85	ASB-TWO		1868	2				34																							1	36
13-Aug-85	ASB-TWO		1868 E					26																						2-50	26
04-Sep-85	ASB-TWO		1897					37																							1	37
04-Sep-85	ASB-TWO		1897 CC	3.4	1.1		5.5	24																							1	34
04-Sep-85	ASB-TWO		1897 E					32																							2	32
08-Oct-85	ASB-TWO		1993					36																							1	36
20-Nov-85	ASB-TWO		2026					17																							1	17
08-Jan-86	ASB-TWO		2133					51																							1	51
23-Jan-86	ASB-TWO		2172	3				27																							1	30
28-Feb-86	ASB-TWO		2204	5				7																							1	12
27-Mar-86	ASB-TWO		2276	4				39																							1	43
22-May-86	ASB-TWO	WSD SAMPLE	DEQE				31	28		2					3	<1		4													1	68
30-Jul-86	ASB-TWO	WSD SAMPLE	DEQE					15					<1			<1									<1						1	15
29-Aug-86	ASB-TWO	WSD SAMPLE	DEQE					29								<1							P								1	29
10-Sep-86	ASB-TWO	WSD SAMPLE	CALGON					19																							1	19
30-Sep-86	ASB-TWO		2501					24								2															1	26
29-Oct-86	ASB-TWO	WSD SAMPLE	DEQE					17																							1	17
05-Jan-87	ASB-TWO	WSD SAMPLE	DEQE					18								<1															1	18
14-Jan-87	ASB-TWO	WSD SAMPLE	CALGON					16																							1	16
02-Mar-87	ASB-TWO	WSD SAMPLE	DEQE					18								<1															1	18
12-Mar-87	ASB-TWO	WSD SAMPLE	CALGON					23																							1	23
18-Mar-87	ASB-TWO		2750	2				17																							1	19
18-Mar-87	ASB-TWO		2751 E	5				25																							1	30
01-Apr-87	ASB-TWO	WSD SAMPLE	DEQE					21								<1															1	21
18-May-87	ASB-TWO	WSD SAMPLE	CALGON					23																							1	23
27-May-87	ASB-TWO	WSD SAMPLE	DEQE					10					2			<1															1	12
09-Sep-87	ASB-TWO		3886 E					15																						1-10	15
10-Sep-87	ASB-TWO		3886	4				18																							1	22
07-Jun-85	B5-B1		1702																												10	0
06-Sep-85	B5-B1		1905																												10	0
26-Mar-86	B5-B1		2271																												10	0
05-Sep-86	B5-B1		2432																												10	0
03-Oct-86	B5-B1		2525																												1	0
16-Mar-87	B5-B1		2742	1				6																							1	7
17-Sep-87	B5-B1		3926					4																							1	4
07-Jun-85	B5-B2		1703																												10	0

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACR	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Cln	Bdcm	Clb	TcPle	DL	TOTAL VO
06-Sep-85	B5-B2		1906																												10	0
26-Mar-86	B5-B2		2272					20																							10	20
05-Sep-86	B5-B2		2433																												10	0
03-Oct-86	B5-B2		2526	1				16								1															1	18
16-Mar-87	B5-B2		2743					4																							1	4
17-Sep-87	B5-B2		3927																												1	0
07-Jun-85	B5-B3		1704																	10											10	10
06-Sep-85	B5-B3		1907																												10	0
26-Mar-86	B5-B3		2273					10																							10	10
05-Sep-86	B5-B3		2434																												10	0
03-Oct-86	B5-B3		2527					12																							1	12
16-Mar-87	B5-B3		2744	2				7																							1	9
17-Sep-87	B5-B3		3928																												1	0
26-Mar-85	B5-B4		1528					110																							10	110
27-Mar-85	B5-B4		1528					110																							10	110
11-Apr-85	B5-B4		1563					120																							10	120
24-May-85	B5-B4		1656																												10	0
07-Jun-85	B5-B4		1705	20				100								10															10	130
30-Jul-85	B5-B4		1855	82				130								14															10	226
13-Aug-85	B5-B4		1874	30				230								20															10	280
06-Sep-85	B5-B4		1908					100								10															10	110
08-Oct-85	B5-B4		1996					110								10															10	120
20-Nov-85	B5-B4		2036					40																							10	40
27-Dec-85	B5-B4		2124																												10	0
22-Jan-86	B5-B4		2156	20				70																							10	90
27-Feb-86	B5-B4		2200																												10	0
26-Mar-86	B5-B4		2274	20				60																							10	80
05-Sep-86	B5-B4		2435																												10	0
03-Oct-86	B5-B4		2528	4				54								6															1	64
17-Mar-87	B5-B4		2745	7				29								4		2													1	42
17-Sep-87	B5-B4		3929	70				24								3															1	97
10-Jul-85	B6-B2		1801																												10	0
06-Sep-85	B6-B2		1911																												10	0
27-Dec-85	B6-B2		2119																												10	0
25-Mar-86	B6-B2		2264																												10	0
04-Sep-86	B6-B2		2420																												10	0
04-Oct-86	B6-B2		2547					3																							1	3
11-Mar-87	B6-B2		2708																												1	0
04-Sep-87	B6-B2		2847																												1	0
10-Jul-85	B6-B3		1802																												10	0
06-Sep-85	B6-B3		1912																												10	0
27-Dec-85	B6-B3		2120																												10	0
25-Mar-86	B6-B3		2265																												10	0
04-Sep-86	B6-B3		2421																												10	0
04-Oct-86	B6-B3		2548																												1	0
11-Mar-87	B6-B3		2709					1																							1	1
04-Sep-87	B6-B3		2848					4																							1	4
10-Jul-85	B6-B4		1803																												10	0
06-Sep-85	B6-B4		1913																												10	0
27-Dec-85	B6-B4		2121																												10	0
25-Mar-86	B6-B4		2266																												10	0
04-Sep-86	B6-B4		2422																												10	0
04-Oct-86	B6-B4		2549					7																							1	7
11-Mar-87	B6-B4		2710																												1	0
04-Sep-87	B6-B4		2849					16																							1	16
26-Mar-85	B6-B5		1527					1200																							10	1200
27-Mar-85	B6-B5		1527					1200																							10	1200
11-Apr-85	B6-B5		1562	580				980																							10	1560

DATE	LOCATION	NOTES	REP NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Cln	Bdcm	Clb	TcPle	DL	TOTAL VO
24-May-85	B6-B5		1655					1100								40															10	1140
28-Jun-85	B6-B5		1757	560				1700																							10	2260
10-Jul-85	B6-B5		1804	120				740								30		10		10											10	910
13-Aug-85	B6-B5		1870	330				1600								20															10	1950
06-Sep-85	B6-B5		1914	420				1500								40															10	1960
08-Oct-85	B6-B5		1999	220				1100								10															10	1330
20-Nov-85	B6-B5		2035	130				790																							10	920
27-Dec-85	B6-B5		2122					760								20															10	780
22-Jan-86	B6-B5		2155	110				630								10															10	750
27-Feb-86	B6-B5		2201	320				1700								40															10	2060
25-Mar-86	B6-B5		2267																												10	0
03-Apr-86	B6-B5		2300	840				1500								40															10	2380
04-Sep-86	B6-B5		2423	20				820								20															10	860
04-Oct-86	B6-B5		2550	130				720								20															10	870
11-Mar-87	B6-B5		2711	160				670								30															10	860
04-Sep-87	B6-B5		2850	280				540								20															10	840
10-Jul-85	B6-P		1800																												10	0
06-Sep-85	B6-P		1910																												10	0
27-Dec-85	B6-P		2123																												10	0
25-Mar-86	B6-P		2263																												10	0
04-Sep-86	B6-P		2424																												10	0
04-Oct-86	B6-P		2551																												1	0
11-Mar-87	B6-P		2707																												1	0
04-Sep-87	B6-P		2846																												1	0
07-Jun-85	B9-B1		1699																												10	0
06-Sep-85	B9-B1		1903																												10	0
04-Dec-85	B9-B1		2075																												10	0
24-Mar-86	B9-B1		2257																												10	0
05-Sep-86	B9-B1		2436																												10	0
03-Oct-86	B9-B1		2529																												1	0
16-Mar-87	B9-B1		2738	7				14								1															1	22
16-Sep-87	B9-B1		3919	4				4																							1	8
07-Jun-85	B9-B2		1700																												10	0
06-Sep-85	B9-B2		1904	30				70																							10	100
04-Dec-85	B9-B2		2076																												10	0
24-Mar-86	B9-B2		2258																												10	0
05-Sep-86	B9-B2		2437																												10	0
03-Oct-86	B9-B2		2530																												1	0
16-Mar-87	B9-B2		2739	9				17								2															1	28
16-Sep-87	B9-B2		3920	46				10								2															1	58
07-Jun-85	B9-B3		1701					50																							10	50
06-Sep-85	B9-B3		1902	430				610								10															10	1050
04-Dec-85	B9-B3		2077	60				70																							10	130
24-Mar-86	B9-B3		2259	260				320																							10	580
05-Sep-86	B9-B3		2438	120				260																							10	380
03-Oct-86	B9-B3		2531	130				280								11															1	421
16-Mar-87	B9-B3		2740	280				280																							10	560
16-Sep-87	B9-B3		3921	380	20			270								10		10													10	690
07-Jun-85	B9-B4		1706	120				330								10															10	460
06-Sep-85	B9-B4		1909	100				1000								10															10	1110
05-Dec-85	B9-B4		2079	250				650								10															10	910
25-Mar-86	B9-B4		2262	80				190																							10	270
16-Mar-87	B9-B4	(a)	2741	99	10			260								8															1	377
16-Sep-87	B9-B4		3922	420				140																							10	560
16-Aug-85	BD-1		1880					980																							10	980
16-Aug-85	BD-2		1877					1100																							10	1100
20-Jun-85	BD-3		1733					40																							10	40
16-Aug-85	BD-3		1879	320				60																							10	380

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcPle	DL	TOTAL VO
20-Jun-85	BD-4		1734	10				700																							10	710
16-Aug-85	BD-4		1878					1100																							10	1100
04-Feb-87	BL-INF	LAG INF.BLDG	2669																												1	0
29-Mar-85	BOT-CAS	CSP	1550																36												10	36
09-Apr-85	BOT-CAS	CSP	1552																												10	0
12-Apr-85	BOT-CAS	CSP 1574E	1574 E																24												2-25	24
12-Apr-85	BOT-CAS	CSP	1567																												10	0
19-Apr-85	BOT-CAS	CSPU	1581																												10	0
07-Jun-85	BOT-CAS		1697																												10	0
14-Jun-85	BOT-CAS	CSP	1715																												10	0
14-Jun-85	BOT-CAS	CSP	1720 E																												2-50	0
20-Jun-85	BOT-CAS	CSP	1731					10																							10	10
28-Jun-85	BOT-CAS	CSP	1746																												10	0
05-Jul-85	BOT-CAS	CSP	1777					160																							10	160
12-Jul-85	BOT-CAS	CSP	1821																												10	0
16-Sep-86	CLF-1		2470																												10	0
12-Sep-85	CLF-1B1		1935																												10	0
05-Jul-85	CLF-1P		1788																												10	0
12-Sep-85	CLF-1P		1934																												10	0
03-Dec-85	CLF-1P		2066																												10	0
20-Mar-86	CLF-1P		2252																												10	0
04-Oct-86	CLF-1P		2556																												1	0
11-Mar-87	CLF-1P		2712																												1	0
10-Sep-87	CLF-1P		3897																												1	0
10-Jul-85	CLF-2A		1797																												10	0
12-Sep-85	CLF-2A		1936													20															10	20
04-Dec-85	CLF-2A		2067													20															10	20
20-Mar-86	CLF-2A		2246																												10	0
16-Sep-86	CLF-2A		2471					30								10															10	40
05-Oct-86	CLF-2A		2559	73				78								17															1	168
11-Mar-87	CLF-2A		2713	72				77								12															1	161
10-Sep-87	CLF-2A		3894	140				150								10															1	300
10-Jul-85	CLF-2B		1796																												10	0
12-Sep-85	CLF-2B		1937																												10	0
04-Dec-85	CLF-2B		2068													10															10	10
20-Mar-86	CLF-2B		2247																												10	0
16-Sep-86	CLF-2B		2472																												10	0
05-Oct-86	CLF-2B		2560																												1	0
11-Mar-87	CLF-2B		2714																												1	0
10-Sep-87	CLF-2B		3895																												1	0
10-Jul-85	CLF-2C		1795																												10	0
12-Sep-85	CLF-2C		1938																												10	0
04-Dec-85	CLF-2C		2069																												10	0
20-Mar-86	CLF-2C		2248																												10	0
16-Sep-86	CLF-2C		2473																												10	0
05-Oct-86	CLF-2C		2561																												1	0
11-Mar-87	CLF-2C		2715																												1	0
10-Sep-87	CLF-2C		3896																												1	0
10-Jul-85	CLF-3A		1792																												10	0
12-Sep-85	CLF-3A		1939																												10	0
04-Dec-85	CLF-3A		2070																												10	0
20-Mar-86	CLF-3A		2251																												10	0
17-Sep-86	CLF-3A		2476																												10	0
05-Oct-86	CLF-3A		2562																												1	0
11-Mar-87	CLF-3A		2716																												1	0
10-Sep-87	CLF-3A		3900					1																							1	1
10-Jul-85	CLF-3B		1793																												10	0
12-Sep-85	CLF-3B		1940																												10	0

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCPM	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcFle	DL	TOTAL VO
04-Dec-85	CLF-3B		2071																												10	0
20-Mar-86	CLF-3B		2250																												10	0
17-Sep-86	CLF-3B		2475																												10	0
05-Oct-86	CLF-3B		2563																												1	0
11-Mar-87	CLF-3B		2717																												1	0
10-Sep-87	CLF-3B		3899																												1	0
10-Jul-85	CLF-3C		1794																												10	0
12-Sep-85	CLF-3C		1941																												10	0
04-Dec-85	CLF-3C		2072																												10	0
20-Mar-86	CLF-3C		2249																												10	0
17-Sep-86	CLF-3C		2474																												10	0
05-Oct-86	CLF-3C		2564																												1	0
11-Mar-87	CLF-3C		2718																												1	0
10-Sep-87	CLF-3C		3898																												1	0
27-Mar-85	C-102	D/ABSTRP1536	1537																												10	0
03-Apr-85	C-103	D/ABSTRP1539E	1540 E					55								3															2-25	58
09-Apr-85	C-104	D/TOWIN1551	1553	600				1700								50		20	1200												10	3570
12-Apr-85	C-105	D/CSP1567	1568																												10	0
12-Apr-85	C-106	D/ISP1574E	1575 E																31												2-25	31
26-Apr-85	C-107	D/MLBR1593	1594					2300																							10	2300
10-May-85	C-108	D/TOWEF1602	1606													20		10	20	10											10	60
10-May-85	C-109	D/TOWEF1607E	1608 E	7.0		51		37			2.2	16				6.6															2-25	120
17-May-85	C-110	D/TOWEF1630	1633																												10	0
24-May-85	C-111	D/ELF1648	1649																												10	0
24-May-85	C-112	D/ELF1650E	1651 E	16				41	4.7					14		5.4															2-25	81
31-May-85	C-113	D/FPB-4/1666	1667														1														1	1
31-May-85	C-114	D/TOWEF/1687	1690																												10	0
07-Jun-85	C-115	D/AR-15P/1710	1711					30																							10	30
14-Jun-85	C-116	D/CSP/1715	1717																												10	0
14-Jun-85	C-117	D/CSP/1720E	1719 E																												2-50	0
21-Jun-85	C-119	D/AIRSTRP1739	1740																												10	0
28-Jun-85	C-120	D/R-1/1754	1755					70																							20	70
10-Jul-85	C-121	D/CLF-2A/1797	1798																												10	0
12-Jul-85	C-122	D/CSP/1821	1822																												10	0
26-Jul-85	C-123	D/SLBR/1848	1852	350				1700								30															10	2080
13-Aug-85	C-124	D/ASBOMB/1867	1869					8					38																		1	46
08-Oct-85	C-125	D/WRG-3/2000	2003																												10	0
31-Oct-85	C-126	D/TOW-EF/2012	2021					500								10															10	510
26-Dec-85	C-127	D/TOW-EF/2105	2114					240								10															10	250
17-Jan-86	C-128	D/R-1P/2140	2141					50																							10	50
22-Jan-86	C-129	D/ELF/2168	2169	20				80																							10	100
24-Feb-86	C-131	D/ELF/2188	2183													74			69												10	143
20-Mar-86	C-132	D/R-2/2253	2255																												10	0
15-May-86	C-133	D/TOW-EF/2323	2325					13																							1	13
28-May-86	C-134	D/ISP/2333	2335					2																							1	2
25-Jul-86	C-135	D/ISP/2380	2383																												1	0
26-Aug-86	C-136	D/TOW-EF/2397	2406					9								2															1	11
30-Sep-86	C-137	D/TOW-EF/2514	2524																												1	0
22-Oct-86	C-138	D/ISP/2577	2579																												1	0
24-Nov-86	C-139	D/TOW-IN/2607	2617	80				510								30		10	10												10	640
30-Dec-86	C-140	D/TOW-IN/2641	2646	71				280								27		13	27												1	418
02-Mar-87	C-141	D/TOWEF/2680	2680					3								2		2													1	7
18-Mar-87	C-142	D/ASBOMB/2750	2752										38																		1	38
28-May-87	C-143	D/TOW-EF/2793	2794					9								6		3													1	18
29-Jul-87	C-144	D/TOW-EF/2815	2825					2								1															1	3
11-Sep-87	C-145	D/AB11B2/3917	3918	98				460																							10	558
28-Sep-87	C-146	D/TOW-EF/3933	3936					3								3		2													1	8
27-Oct-87	C-147	D/TOW-EF/3946	3947					3								2															1	5

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrnl	CTet	TCFM	Tcle	Acr	Clf	Cla	Bdcm	Clb	TcPle	DL	TOTAL VO
27-Oct-87	C-147	D/TOW-RF/3946	3947					3								2															1	5
24-Nov-87	C-148	D/TOW-RF/3958	3968					6																							1	6
24-Nov-87	C-148	D/TOW-RF/3958	3968					6																							1	6
24-May-85	D-113		1652	E																											2-25	0
27-Mar-85	D-123		1538																												1	0
03-Apr-85	D-124		1541	E																											2-25	0
09-Apr-85	D-125		1554																												1	0
12-Apr-85	D-126		1569																												10	0
12-Apr-85	D-127		1576	E																											2-25	0
26-Apr-85	D-128		1595																												10	0
10-May-85	D-129		1605																												10	0
10-May-85	D-130		1609	E																											2-25	0
17-May-85	D-132		1634																												10	0
24-May-85	D-133		1652	E																											2-25	0
24-May-85	D-134		1653																												10	0
31-May-85	D-135		1681																												10	0
31-May-85	D-136		1691																												10	0
07-Jun-85	D-137		1712																												10	0
14-Jun-85	D-138		1718																												10	0
14-Jun-85	D-139		1721	E																											2-50	0
21-Jun-85	D-141		1741																												10	0
28-Jun-85	D-142		1756													30															10	30
10-Jul-85	D-143		1791																												10	0
26-Jul-85	D-144		1845																												10	0
12-Aug-85	D-145		1860																												10	0
23-Aug-85	D-146		1889																												10	0
11-Sep-85	D-147		1931																												10	0
08-Oct-85	D-148		2006																												10	0
31-Oct-85	D-150		2022																												10	0
10-Jan-86	D-152		2139																												10	0
22-Jan-86	D-153		2170																												10	0
24-Feb-86	D-155		2182																												10	0
04-Mar-86	D-156		2221																												1	0
20-Mar-86	D-157		2256																												10	0
28-May-86	D-158		2336																												1	0
25-Jul-86	D-155		2382																												1	0
26-Aug-86	D-160		2405																												1	0
30-Sep-86	D-161		2523																												1	0
22-Oct-86	D-162		2580																												1	0
24-Nov-86	D-163		2618																												1	0
30-Dec-86	D-164		2645																												1	0
02-Mar-87	D-165		2681																												1	0
18-Mar-87	D-166		2763																												1	0
28-May-87	D-167		2803																												1	0
29-Jul-87	D-168		2824																												1	0
10-Sep-87	D-169		3887																												1	0
28-Sep-87	D-170		3944																												10	0
28-Sep-87	D-170		3944																												10	0
26-Apr-85	ELF		1591													700		1000	70	50											10	1820
24-May-85	ELF		1647								110					840		1700	130	50											10	2830
28-Jun-85	ELF		1752		170											450		1300	110												10	2030
26-Jul-85	ELF		1846		120						170					680		950	120	100											10	2140
23-Aug-85	ELF		1894		540						260			10		370		1000	170	30											10	2380
26-Sep-85	ELF		1972													160		140	80												10	380
31-Oct-85	ELF		2019								90					210		390	120	30											10	840
26-Nov-85	ELF		2053													170		560	70												10	800
26-Dec-85	ELF		2112								50					220		260	50												10	580
22-Jan-86	ELF		2167													60		30	50												10	140

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrnti	CTet	TCFM	Tcle	Acr	Clf	Cle	Bdcm	Clb	TcFle	DL	TOTAL VO
24-Feb-86	BLF		2188													64			58												10	122
27-Mar-86	BLF		2287								40					90		30	120												10	280
06-Jun-86	BLF		2346													190		260	70												10	520
15-Jul-86	BLF		2376													300		140	60												10	500
26-Aug-86	BLF		2403													300		160	40												10	500
30-Sep-86	BLF		2521						30							110		80	30												10	250
22-Oct-86	BLF		2585		48			16			55			6		380		200	50	2											1	757
24-Nov-86	BLF		2615	3	68			9			38			3		370		200	19												1	710
23-Dec-86	BLF		2639		40			4			33			3		310		220	53	3											1	666
04-Feb-87	BLF		2667					2								12		1	4												1	19
02-Mar-87	BLF		2678													330		360	40												10	730
31-Mar-87	BLF	*[BENZ,TOL]	2777	5	43			6		3				3		300		290	57	3											1	710
28-Apr-87	BLF		2787													300		280	60												10	640
28-May-87	BLF		2801													310		190	40												10	540
28-Sep-87	BLF		3942		50						50					240			30												10	370
28-Sep-87	BLF		3942		50						50					240			30												10	370
27-Oct-87	BLF		3955	?												19		6													1	32
27-Oct-87	BLF		3955	?												19		6													1	32
24-Nov-87	BLF		3966													330		190													10	520
24-Nov-87	BLF		3966													330		190													10	520
06-Mar-86	FPB		2229																												1	0
06-Mar-86	FPB		2229 B																												2-50	0
09-Mar-87	FPB		2697																												1	0
10-Sep-87	FPB		3884					3																							1	3
31-May-85	FPB-1		1658																												1	0
03-Jul-85	FPB-1		1761																												1	0
31-May-85	FPB-1A		1659																												1	0
31-May-85	FPB-2		1660																												1	0
31-May-85	FPB-2A		1661															2		1											1	3
31-May-85	FPB-3		1662																												1	0
31-May-85	FPB-3A		1663																												1	0
31-May-85	FPB-4		1666																												1	0
31-May-85	FPB-4A		1668																												1	0
31-May-85	FPB-5		1664					8																							1	8
03-Jul-85	FPB-5		1763					3																							1	3
31-May-85	FPB-5A		1665																												1	0
31-May-85	FPB-6		1657																												1	0
08-Apr-86	FPB-6	WATER	2313																												1	0
31-May-85	FPB-6A		1669																												1	0
08-Apr-86	FPB-7	GROUNDWATER	2314																												1	0
26-Sep-86	FTPDBR		2490													1															1	1
26-Apr-85	ISP		1584																												10	0
03-May-85	ISP		1599															10		40											10	50
10-May-85	ISP	IN-SP	1603																												10	0
17-May-85	ISP		1631																												10	0
24-May-85	ISP		1641																												10	0
31-May-85	ISP		1688																												10	0
18-Jul-85	ISP		1839																												10	0
26-Jul-85	ISP		1843																												10	0
23-Aug-85	ISP		1887																												10	0
26-Sep-85	ISP		1967					20																							10	20
31-Oct-85	ISP		2013																												10	0
26-Nov-85	ISP		2047																												10	0
26-Dec-85	ISP		2106																												10	0
22-Jan-86	ISP		2161					30																							10	30
24-Feb-86	ISP		2180																												10	0
24-Feb-86	ISP		2180 B																												2-50	0
27-Mar-86	ISP		2281																												10	0

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcFle	DL	TOTAL VO
06-May-86	ISP		2320					16																							1	16
15-May-86	ISP		2324					10																							1	10
21-May-86	ISP		2329					2																							1	2
28-May-86	ISP		2333					2																							1	2
06-Jun-86	ISP		2340 B					3																							2-50	3
06-Jun-86	ISP		2340					2																							1	2
12-Jun-86	ISP		2350					2																							1	2
18-Jun-86	ISP		2354					5								2		2													1	9
24-Jun-86	ISP		2358					1																							1	1
02-Jul-86	ISP		2362					2																							1	2
08-Jul-86	ISP		2366																												1	0
15-Jul-86	ISP		2370					4																							1	4
25-Jul-86	ISP		2380					4																							1	4
08-Aug-86	ISP		2386 B					3								TR			TR												2	3
08-Aug-86	ISP		2386					3																							1	3
15-Aug-86	ISP		2390					5																							1	5
21-Aug-86	ISP		2394		4			51								3															1	58
26-Aug-86	ISP	1?	2398 B					4																							2	4
26-Aug-86	ISP		2398					99																							1	99
05-Sep-86	ISP		2430					2																							1	2
11-Sep-86	ISP		2446					3																							1	3
18-Sep-86	ISP		2481					5																							1	5
25-Sep-86	ISP		2485					2																							1	2
30-Sep-86	ISP		2515 B					TR(<2)																							2-10	0
30-Sep-86	ISP		2515					1																							1	1
10-Oct-86	ISP		2569					2																							1	2
16-Oct-86	ISP		2573																												1	0
22-Oct-86	ISP		2577																												1	0
22-Oct-86	ISP		2577 B					4																							2-10	4
30-Oct-86	ISP		2589													1															1	1
12-Nov-86	ISP		2600					3																							1	3
21-Nov-86	ISP		2604					6								1		1													1	8
24-Nov-86	ISP		2609					7																							1	7
04-Dec-86	ISP		2622					4																							1	4
11-Dec-86	ISP		2625					6								1		1													1	8
16-Dec-86	ISP		2629					7								2															1	9
23-Dec-86	ISP		2633																												1	0
30-Dec-86	ISP		2643																												1	0
30-Dec-86	ISP		2643 B					3		4																					1	8
08-Jan-87	ISP		2654																												1	0
14-Jan-87	ISP		2658																												1	0
04-Feb-87	ISP		2661																												1	0
02-Mar-87	ISP		2672					4										1													1	5
31-Mar-87	ISP		2771																												1	0
28-Apr-87	ISP		2781																												1	0
28-May-87	ISP		2795																												1	0
28-May-87	ISP		2795 B					1																							1	1
30-Jun-87	ISP		2811																												1	0
29-Jul-87	ISP		2816 B																												1-20	0
29-Jul-87	ISP		2816																												1	0
26-Aug-87	ISP		2828																												1	0
28-Sep-87	ISP		3934																												1	0
27-Oct-87	ISP		3948		2											1															1	3
27-Oct-87	ISP		3948		2											1															1	3
24-Nov-87	ISP		3959																												5	0
24-Nov-87	ISP		3959																												5	0
03-May-85	ISP-10X1		1600																												10	0
07-Jun-85	ISP-10X1		1698																												10	0

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcPle	DL	TOTAL VO
14-Jun-85	ISP-10I1		1716																												10	0
23-Aug-85	ISP-10I1		1888																												10	0
31-Oct-85	ISP-10I1		2014															10													10	10
24-Feb-86	ISP-10I1		2181																												10	0
28-May-86	ISP-10I1		2334					3																							1	3
14-May-85	LB#8		1624																												1	0
14-May-85	LB#A		1620																												1	0
14-May-85	LB#B		1622																												1	0
14-May-85	LB#CW		1626																												1	0
14-May-85	LB#C-109		1627																												1	0
14-May-85	LB#D		1623																												1	0
14-May-85	LB#D-131		1628																												1	0
14-May-85	LB#LBRW		1621																												1	0
14-May-85	LB#LB-1		1625																												1	0
14-May-85	LB#SWP		1619																												1	0
27-Mar-86	MUSPND		2278																												1	0
16-Sep-86	MUSPND		2463																												1	0
18-Mar-87	MUSPND		2766																												1	0
09-Sep-87	MUSPND		3869	B																											1-10	0
09-Sep-87	MUSPND		3869																												1	0
26-Apr-85	NLBR		1593					1800																							10	1800
24-May-85	NLBR		1646					2000								30															10	2030
28-Jun-85	NLBR		1749	180				2000								10															10	2190
26-Jul-85	NLBR		1850	200				2100								20															10	2320
23-Aug-85	NLBR		1890	340				3100								30															10	3470
26-Sep-85	NLBR		1970	110				1500																							10	1610
31-Oct-85	NLBR		2016	180				1300								10		10													10	1500
26-Nov-85	NLBR		2050	40				1300																							10	1340
26-Dec-85	NLBR		2109					1100																							10	1100
22-Jan-86	NLBR		2164	60				840																							10	900
24-Feb-86	NLBR		2184	180				960																							10	1140
27-Mar-86	NLBR		2283	100				1400								10															10	1510
06-Jun-86	NLBR		2342	50				920																							10	970
15-Jul-86	NLBR		2373	70				760																							10	830
26-Aug-86	NLBR		2400	70				1100																							10	1170
30-Sep-86	NLBR		2518					960																							10	960
22-Oct-86	NLBR		2582	110				1300								11															10	1421
24-Nov-86	NLBR		2612	180				1300																							10	1480
23-Dec-86	NLBR		2636	120				770								11			1												1	902
04-Feb-87	NLBR		2664					840																							10	840
02-Mar-87	NLBR		2674	80				640																							10	720
31-Mar-87	NLBR	[VDC] APPROX.	2774	100	2			660								8															1	770
28-Apr-87	NLBR		2784	10				520																							10	530
28-May-87	NLBR		2798					500																							10	500
30-Jun-87	NLBR		2804	110				550								10															10	670
29-Jul-87	NLBR		2820					370																							10	370
26-Aug-87	NLBR		2830	61				200								3		3													1	267
28-Sep-87	NLBR		3937	220				760																							10	980
28-Sep-87	NLBR		3937	220				760																							10	980
27-Oct-87	NLBR		3950	13				35																							1	48
27-Oct-87	NLBR		3950	13				35																							1	48
24-Nov-87	NLBR		3961	120				690																							10	810
24-Nov-87	NLBR		3961	120				690																							10	810
26-Apr-85	NLGP		1592					1200																							10	1200
24-May-85	NLGP		1645					1300																							10	1300
28-Jun-85	NLGP		1748					1200																							10	1200
26-Jul-85	NLGP		1851					1400																							10	1400
23-Aug-85	NLGP		1891					1600																							10	1600

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACB	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Cln	Bdcm	Clb	TcPle	TOTAL DL	TOTAL VO
26-Sep-85	WLGP		1969					780																							10	780
31-Oct-85	WLGP		2015					1000																							10	1000
26-Nov-85	WLGP		2049					1400																							10	1400
26-Dec-85	WLGP		2108					940																							10	940
22-Jan-86	WLGP		2163					570																							10	570
24-Feb-86	WLGP		2185					820																							10	820
27-Mar-86	WLGP		2284					980																							10	980
06-Jun-86	WLGP		2343					550																							10	550
15-Jul-86	WLGP		2372					700																							10	700
26-Aug-86	WLGP		2399	80				1200																							10	1280
30-Sep-86	WLGP		2517					440																							10	440
22-Oct-86	WLGP		2581	10				770																							10	780
24-Nov-86	WLGP		2611	10				680																							10	690
23-Dec-86	WLGP		2635	4				470																							1	474
04-Feb-87	WLGP		2663					710																							10	710
02-Mar-87	WLGP		2675					430																							10	430
31-Mar-87	WLGP		2773					450																							10	450
28-Apr-87	WLGP		2783					390																							10	390
28-May-87	WLGP		2797					250																							10	250
30-Jun-87	WLGP		2805					260																							10	260
29-Jul-87	WLGP		2821	200				770																							10	970
26-Aug-87	WLGP		2831					130																							10	130
28-Sep-87	WLGP		3938					360																							10	360
28-Sep-87	WLGP		3938					360																							10	360
27-Oct-87	WLGP		3951					21																							1	21
27-Oct-87	WLGP		3951					21																							1	21
24-Nov-87	WLGP		3962					190																							10	190
24-Nov-87	WLGP		3962					190																							10	190
30-Dec-86	WLS-1	WL SWALE SOIL	2647																												5	0
30-Dec-86	WLS-2	WL SWALE SOIL	2648																												5	0
30-Dec-86	WLS-3	WL SWALE SOIL	2649																												5	0
11-Apr-86	WL-1		2315																												1	0
17-Sep-86	WL-1		2478																												10	0
05-Oct-86	WL-1		2565					2																							1	2
10-Mar-87	WL-1		2703					1																							1	1
16-Sep-87	WL-1		3924													2															1	2
11-Apr-86	WL-2		2316																												1	0
17-Sep-86	WL-2		2477																												10	0
05-Oct-86	WL-2		2566																												1	0
10-Mar-87	WL-2		2704																												1	0
16-Sep-87	WL-2		3925																												1	0
11-Jul-85	PT-10		1814																												10	0
30-Sep-85	PT-10		1983																												1	0
04-Dec-85	PT-10		2074																	40											10	40
04-Mar-86	PT-10		2210																												1	0
09-Sep-87	PT-10		3868																												1	0
04-Sep-86	PT-10P		2416																												1	0
18-Mar-87	PT-10P		2765																												1	0
11-Jul-85	PT-11B1		1816																												10	0
26-Sep-85	PT-11B1		1961										3		4																1	7
03-Dec-85	PT-11B1		2063																												10	0
04-Mar-86	PT-11B1		2206										16		11																1	27
12-Sep-86	PT-11B1		2458					2					38		20			9													1	69
18-Mar-87	PT-11B1		2760										12		13			3													1	28
09-Sep-87	PT-11B1		3864	58				61					3		8	3		1													1	134
11-Jul-85	PT-11B2		1817																												10	0
26-Sep-85	PT-11B2		1962					2					47		28																1	77
03-Dec-85	PT-11B2		2064										60		30																10	90

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCl	ethy	Tol	etbz	xylene	Acrntl	CTet	TCPM	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcPle	DL	TOTAL VO
04-Mar-86	PT-11B2		2208										110		56																	1	166
12-Sep-86	PT-11B2		2459					10					160		76			2														1	248
18-Mar-87	PT-11B2		2761	1				13							70			3														1	87
09-Sep-87	PT-11B2		3865						2				66		36			15														1	119
11-Jul-85	PT-11B3		1818																													10	0
26-Sep-85	PT-11B3		1963					2					26		40																	1	68
03-Dec-85	PT-11B3		2065										60		40																	10	100
04-Mar-86	PT-11B3		2208										52		60																	1	112
12-Sep-86	PT-11B3		2460					9					190		93			1														1	293
18-Mar-87	PT-11B3		2762					4					72		75																	1	151
09-Sep-87	PT-11B3		3866					2	2				68		37			11														1	120
11-Jul-85	PT-11P		1815																													10	0
26-Sep-85	PT-11P		1960										5		48																	1	53
05-Dec-85	PT-11P		2078												50																	10	50
04-Mar-86	PT-11P		2205						16				14		55																	1	85
12-Sep-86	PT-11P		2457					10					18		56																	1	84
18-Mar-87	PT-11P		2759					4					10		25																	1	39
09-Sep-87	PT-11P		3863					12					14		30																	1	56
11-Jul-85	PT-1B2		1809																													10	0
26-Sep-85	PT-1B2		1958																													1	0
05-Dec-85	PT-1B2		2081																													1	0
04-Mar-86	PT-1B2		2212																													1	0
30-Sep-86	PT-1B2		2503																													1	0
18-Mar-87	PT-1B2		2754																													1	0
10-Sep-87	PT-1B2		3875																													1	0
11-Jul-85	PT-1B3		1810																													10	0
26-Sep-85	PT-1B3		1959																													1	0
05-Dec-85	PT-1B3		2082																													1	0
04-Mar-86	PT-1B3		2213																													1	0
30-Sep-86	PT-1B3		2504																													1	0
18-Mar-87	PT-1B3		2755																													1	0
10-Sep-87	PT-1B3		3876																													1	0
11-Jul-85	PT-1P		1808																													10	0
26-Sep-85	PT-1P		1957																													1	0
05-Dec-85	PT-1P		2080																													1	0
04-Mar-86	PT-1P		2211																													1	0
30-Sep-86	PT-1P		2502																													1	0
18-Mar-87	PT-1P		2753																													1	0
09-Sep-87	PT-1P		3874																													1	0
30-Sep-85	PT-2AB1		1977					1																								1	1
05-Dec-85	PT-2AB1		2085																													1	0
04-Mar-86	PT-2AB1		2216																													1	0
30-Sep-86	PT-2AB1		2506					1																								1	1
13-Mar-87	PT-2AB1		2735																													1	0
10-Sep-87	PT-2AB1		3890																													1	0
30-Sep-85	PT-2AB2		1978																													1	0
05-Dec-85	PT-2AB2		2086																													1	0
04-Mar-86	PT-2AB2		2217																													1	0
30-Sep-86	PT-2AB2		2507																													1	0
13-Mar-87	PT-2AB2		2736																													1	0
10-Sep-87	PT-2AB2		3891																													1	0
11-Jul-85	PT-2B1		1812	50				290																								10	340
30-Sep-85	PT-2B1		1976	49				190								3																1	242
05-Dec-85	PT-2B1		2084	57				200								6																1	263
04-Mar-86	PT-2B1		2215	40				140								3																1	183
30-Sep-86	PT-2B1		2505	17				56								2																1	75
13-Mar-87	PT-2B1		2734	7				17																								1	24
10-Sep-87	PT-2B1		3889					5																								1	5

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACR	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Cln	Bdcm	Clb	TcPle	DL	TOTAL VO
11-Jul-85	PT-2P		1811																												10	0
30-Sep-85	PT-2P		1975																												1	0
05-Dec-85	PT-2P		2083																												1	0
04-Mar-86	PT-2P		2214																												1	0
30-Sep-86	PT-2P		2508																												1	0
13-Mar-87	PT-2P		2733																												1	0
10-Sep-87	PT-2P		3888																												1	0
10-Jul-85	PT-3B1		1806																												10	0
30-Sep-85	PT-3B1		1980	17				49								1															1	67
05-Dec-85	PT-3B1		2088	14				56																							1	70
04-Mar-86	PT-3B1		2219	120				190								16															1	326
03-Apr-86	PT-3B1		2308	29				35								2															1	66
30-Sep-86	PT-3B1		2510	39				100								4															1	143
18-Mar-87	PT-3B1		2757	13				33								4															1	50
09-Sep-87	PT-3B1		3872	37				34								3															1	74
10-Jul-85	PT-3B2		1807																												10	0
30-Sep-85	PT-3B2		1981																												1	0
05-Dec-85	PT-3B2		2089																												1	0
04-Mar-86	PT-3B2		2220																												1	0
30-Sep-86	PT-3B2		2511																												1	0
18-Mar-87	PT-3B2		2758																												1	0
09-Sep-87	PT-3B2		3873																												1	0
10-Jul-85	PT-3P		1805																												10	0
30-Sep-85	PT-3P		1979																												1	0
05-Dec-85	PT-3P		2087																												1	0
04-Mar-86	PT-3P		2218																												1	0
30-Sep-86	PT-3P		2509																												1	0
18-Mar-87	PT-3P		2756																												1	0
09-Sep-87	PT-3P		3871																												1	0
11-Jul-85	PT-9		1813																												10	0
30-Sep-85	PT-9		1982	2				10	2	1					5	1															1	21
04-Dec-85	PT-9		2073																	30											10	30
04-Mar-86	PT-9		2209							13					4	7															1	24
03-Sep-86	PT-9		2415							6						2															1	8
18-Mar-87	PT-9		2764																												1	0
09-Sep-87	PT-9		3867						2	11						2		3													1	18
26-Apr-85	RLF		1590																												10	0
24-May-85	RLF		1648																												10	0
24-May-85	RLF		1650 E	13				41	4.3					12		4.5															2-25	75
28-Jun-85	RLF		1753					20																							10	20
26-Jul-85	RLF		1847																												10	0
23-Aug-85	RLF		1895					200																							10	200
26-Sep-85	RLF		1973	10				40																							10	50
31-Oct-85	RLF		2020					170								10															10	180
26-Nov-85	RLF		2054	10				40																							10	50
26-Dec-85	RLF		2113																												10	0
22-Jan-86	RLF		2168	10				60																							10	70
24-Feb-86	RLF		2189																												10	0
27-Mar-86	RLF		2288					110																							10	110
06-Jun-86	RLF		2347	28				84						5		5															1	122
15-Jul-86	RLF		2377					600								30															10	630
26-Aug-86	RLF		2404	9				90						4		5															1	108
30-Sep-86	RLF		2522	27	2			72	2					4		5															1	112
22-Oct-86	RLF		2586	53				120								5															1	178
24-Nov-86	RLF		2616	17				94	2					5		5															1	123
23-Dec-86	RLF		2640	20				47	2					5		5															1	79
04-Feb-87	RLF		2668	20				49						4		3															1	76
02-Mar-87	RLF		2679					21						3		3		1													1	28

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcFle	DL	TOTAL VO
31-Mar-87	RLF		2778	16	5			40	2					5		4															1	72
28-Apr-87	RLF		2788	3				35						1		3															1	42
28-May-87	RLF		2802					30						3		2															1	35
30-Jun-87	RLF		2813					32						3		2															1	37
29-Jul-87	RLF		2819					27						4		3															1	34
26-Aug-87	RLF		2835					32								3															1	35
28-Sep-87	RLF		3943	24				32	1					4		3															1	64
28-Sep-87	RLF		3943	24				32	1					4		3															1	64
27-Oct-87	RLF		3956	27				2						4		3															1	36
27-Oct-87	RLF		3956	27				2						4		3															1	36
24-Nov-87	RLF		3967	8				36																							1	44
24-Nov-87	RLF		3967	8				36																							1	44
27-Mar-85	RP-1		1535					260																							10	260
11-Apr-85	RP-1		1558					450																							10	450
31-May-85	RP-1		1673	90				240								20															10	350
21-Jun-85	RP-1		1738					180								10															10	190
16-Jul-85	RP-1		1826					160								20															10	180
12-Aug-85	RP-1		1863	70				290								20															10	380
06-Sep-85	RP-1		1918	70				250								180			10												10	510
08-Oct-85	RP-1		2001	60				260																							10	320
20-Nov-85	RP-1		2030	60				240																							10	300
26-Dec-85	RP-1		2116					200								10															10	210
17-Jan-86	RP-1		2143	50				250								10															10	310
20-Feb-86	RP-1		2175	90				420								20															10	530
20-Mar-86	RP-1		2243	36				190																							10	226
04-Sep-86	RP-1		2426	60				290								15															1	365
06-Mar-87	RP-1		2684	40				130								20															10	190
04-Sep-87	RP-1		2839					100																							10	100
27-Mar-85	R-1P		1525					60																							10	60
11-Apr-85	R-1P		1560					70																							10	70
31-May-85	R-1P		1678	30				90								10															10	130
28-Jun-85	R-1P		1754					60																							10	60
16-Jul-85	R-1P		1824					60																							10	60
12-Aug-85	R-1P		1859					50																							10	50
11-Sep-85	R-1P		1926	30				100																							10	130
08-Oct-85	R-1P		1989					120								20															10	140
20-Nov-85	R-1P		2027					20																							10	20
27-Dec-85	R-1P		2118																												10	0
17-Jan-86	R-1P		2140	B				45																							2-50	45
17-Jan-86	R-1P		2140	10				70																							10	80
20-Feb-86	R-1P		2173	22				61																							10	83
26-Mar-86	R-1P		2268	20				70																							10	90
03-Sep-86	R-1P		2411																												10	0
04-Oct-86	R-1P		2532	10				68								5															1	83
06-Mar-87	R-1P		2682					30																							10	30
03-Sep-87	R-1P		2836					28								2															1	30
27-Mar-85	R-2A		1530																												10	0
11-Apr-85	R-2A		1565																												10	0
31-May-85	R-2A		1671																												10	0
14-Jun-85	R-2A		1725																												10	0
16-Jul-85	R-2A		1829																												10	0
12-Aug-85	R-2A		1862																												10	0
06-Sep-85	R-2A		1916																												10	0
08-Oct-85	R-2A		1992																												10	0
20-Nov-85	R-2A		2032																												10	0
10-Jan-86	R-2A		2135																												10	0
22-Jan-86	R-2A		2150																												10	0
27-Feb-86	R-2A		2196																												10	0

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Cln	Bdcm	Clb	TcPle	DL	TOTAL VO
20-Mar-86	R-2A		2254																												10	0
03-Sep-86	R-2A		2413																												10	0
03-Oct-86	R-2A		2536																												1	0
06-Mar-87	R-2A		2687																												10	0
04-Sep-87	R-2A		2838															1													1	1
26-Mar-85	R-2P		1529	CC				60																							10	60
27-Mar-85	R-2P		1529					60																							10	60
11-Apr-85	R-2P		1564					20																							10	20
31-May-85	R-2P		1670																												10	0
14-Jun-85	R-2P		1724																												10	0
16-Jul-85	R-2P		1828																												10	0
12-Aug-85	R-2P		1861																												10	0
06-Sep-85	R-2P		1915																												10	0
08-Oct-85	R-2P		1990																												10	0
20-Nov-85	R-2P		2031																												10	0
10-Jan-86	R-2P		2134																												10	0
22-Jan-86	R-2P		2149																												10	0
27-Feb-86	R-2P		2195																												10	0
20-Mar-86	R-2P		2253																												10	0
03-Sep-86	R-2P		2412																												10	0
03-Oct-86	R-2P		2535	10				25								2															1	37
06-Mar-87	R-2P		2686																												1	0
04-Sep-87	R-2P		2837					6																							1	6
27-Mar-85	R-3B1		1526																												10	0
11-Apr-85	R-3B1		1561																												10	0
24-May-85	R-3B1		1654															20													10	20
28-Jun-85	R-3B1		1758																												10	0
30-Jul-85	R-3B1		1856																												10	0
13-Aug-85	R-3B1		1871																												10	0
06-Sep-85	R-3B1		1923																												10	0
08-Oct-85	R-3B1		1998																												10	0
20-Nov-85	R-3B1		2034																												10	0
31-Dec-85	R-3B1		2129																												10	0
22-Jan-86	R-3B1		2154																												10	0
27-Feb-86	R-3B1		2202																												10	0
24-Mar-86	R-3B1		2261																												10	0
04-Sep-86	R-3B1		2419																												10	0
04-Oct-86	R-3B1		2552																												1	0
06-Mar-87	R-3B1		2691																												1	0
04-Sep-87	R-3B1		2845																												1	0
27-Mar-85	R-3P		1533														360														10	360
12-Apr-85	R-3P		1570																												10	0
31-May-85	R-3P		1677					10								10															10	20
14-Jun-85	R-3P		1726													1															10	1
16-Jul-85	R-3P		1830																												10	0
12-Aug-85	R-3P		1866																												10	0
06-Sep-85	R-3P		1922																												10	0
08-Oct-85	R-3P		1997																												10	0
20-Nov-85	R-3P		2033																												10	0
10-Jan-86	R-3P		2138																												10	0
22-Jan-86	R-3P		2153																												10	0
27-Feb-86	R-3P		2199																												10	0
24-Mar-86	R-3P		2260																												10	0
03-Sep-86	R-3P		2414																												10	0
03-Oct-86	R-3P		2537																												1	0
06-Mar-87	R-3P		2690																												1	0
04-Sep-87	R-3P		2844					2																							1	2
27-Mar-85	R-4		1532					90																							10	90

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Cln	Bdcm	Clb	TcFle	DL	TOTAL VO
12-Apr-85	R-4		1571					40																							10	40
31-May-85	R-4		1675	30				70								10															10	110
14-Jun-85	R-4		1728	30				70								10															10	110
17-Jul-85	R-4		1834					60																							10	60
13-Aug-85	R-4		1873										20																		10	20
06-Sep-85	R-4		1921					180								20															10	200
08-Oct-85	R-4		1995					100								60															10	160
20-Nov-85	R-4		2037					20																							10	20
10-Jan-86	R-4		2137					30																							10	30
22-Jan-86	R-4		2152					50																							10	50
27-Feb-86	R-4		2198																												10	0
26-Mar-86	R-4		2270	20				70																							10	90
04-Sep-86	R-4		2418					70																							10	70
03-Oct-86	R-4		2534	36				63								7															1	106
06-Mar-87	R-4		2689	12				15								3															1	30
04-Sep-87	R-4		2842					20								4															1	24
27-Mar-85	R-5		1531					1100																							10	1100
12-Apr-85	R-5		1572	570				680								30															10	1280
31-May-85	R-5		1676	60				270								20															10	350
14-Jun-85	R-5		1727	30				90																							10	120
17-Jul-85	R-5		1833					130																							10	130
13-Aug-85	R-5		1872	50				310								10															10	370
06-Sep-85	R-5		1920	290				1100								30															10	1420
08-Oct-85	R-5		1994	80				440								20															10	540
20-Nov-85	R-5		2038	130				730																							10	860
10-Jan-86	R-5		2136					460								20															10	480
22-Jan-86	R-5		2151	150				870								30															10	1050
27-Feb-86	R-5		2197	24				560								24															10	608
26-Mar-86	R-5		2269	140				700								20															10	860
04-Sep-86	R-5		2417					80																							10	80
03-Oct-86	R-5		2533	3				150								7															1	160
06-Mar-87	R-5		2688					50																							10	50
04-Sep-87	R-5		2843					20								1		1													1	22
26-Apr-85	SLBR		1589	1600				1300								40		20	80	40											10	3080
24-May-85	SLBR		1644					2200								70				60											10	2330
28-Jun-85	SLBR		1751	550				1900								20															10	2470
26-Jul-85	SLBR		1848	720				2000								30															10	2750
23-Aug-85	SLBR		1892	480				2100																							10	2580
26-Sep-85	SLBR		1974	270				1300																							10	1570
31-Oct-85	SLBR		2018	180				1000								10		10													10	1200
26-Nov-85	SLBR		2052	210				1600																							10	1810
26-Dec-85	SLBR		2111					1200								10															10	1210
22-Jan-86	SLBR		2166	140				920																							10	1060
24-Feb-86	SLBR		2186	210				1400																							10	1610
27-Mar-86	SLBR		2285	280				1800								20															10	2100
06-Jun-86	SLBR		2344	110				1000																							10	1110
15-Jul-86	SLBR		2375	80				420																							10	500
26-Aug-86	SLBR		2401	110				870																							10	980
30-Sep-86	SLBR		2520					980																							10	980
22-Oct-86	SLBR		2584	220				1200		4						9															1	1433
24-Nov-86	SLBR		2614	180				1400								10															10	1590
23-Dec-86	SLBR		2638	170				720								9															1	899
04-Feb-87	SLBR		2666					1000																							10	1000
02-Mar-87	SLBR		2676					680																							10	680
31-Mar-87	SLBR		2776	150				650																							10	800
28-Apr-87	SLBR		2786	170				690																							10	860
28-May-87	SLBR		2800					520																							10	520
30-Jun-87	SLBR		2806	150				550																							10	700

									1,1-		1,2-		1,1,1-	1,2-																TOTAL
DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	DCEa	T-VDC	DCEa	2-BUT	TCEa	DCP	TCE	Benz	TetCethy	Tol	ethz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcFle	DL	VO
29-Jul-87	SLBR		2822	200				640																							10	840
26-Aug-87	SLBR		2832					140																							10	140
28-Sep-87	SLBR		3939	210				510																							10	720
28-Sep-87	SLBR		3939	210				510																							10	720
27-Oct-87	SLBR		3952	17				41																							1	58
27-Oct-87	SLBR		3952	17				41																							1	58
24-Nov-87	SLBR		3963	50				370																							10	420
24-Nov-87	SLBR		3963	50				370																							10	420
26-Apr-85	SLGP		1588					560								110			1300	70											10	2040
24-May-85	SLGP		1643					730								90		30	730	120											10	1700
28-Jun-85	SLGP		1750	180				440								20			110												10	750
26-Jul-85	SLGP		1849	320				600								30			130												10	1080
23-Aug-85	SLGP		1893	300				760																							10	1060
26-Sep-85	SLGP		1971	60				310											10												10	380
31-Oct-85	SLGP		2017					230								10															10	240
26-Nov-85	SLGP		2051	40				200																							10	240
26-Dec-85	SLGP		2110					340																							10	340
22-Jan-86	SLGP		2165	40				260																							10	300
24-Feb-86	SLGP		2187																												10	0
27-Mar-86	SLGP		2286	60				410								10															10	480
06-Jun-86	SLGP		2345	10				190																							10	200
15-Jul-86	SLGP		2374					190																							10	190
26-Aug-86	SLGP		2402					160																							10	160
30-Sep-86	SLGP		2519					150																							10	150
22-Oct-86	SLGP		2583	51				240								9			16												1	316
24-Nov-86	SLGP		2613	33				210								8		1	16												1	268
23-Dec-86	SLGP		2637	26				94								6			4												1	130
04-Feb-87	SLGP		2665	33				130								6															1	169
02-Mar-87	SLGP		2677	26				99								5			20												1	150
31-Mar-87	SLGP		2775					60																							10	60
28-Apr-87	SLGP		2785	30				88								6			12												1	136
28-May-87	SLGP		2799					60																							10	60
30-Jun-87	SLGP		2807	14				59								4			2												1	79
29-Jul-87	SLGP		2823					70																							10	70
26-Aug-87	SLGP		2833	28				82								5		2													1	117
28-Sep-87	SLGP		3940	35				72								5		1	2												1	115
28-Sep-87	SLGP		3940	35				72								5		1	2												1	115
27-Oct-87	SLGP		3953	25				44								4			2												1	75
27-Oct-87	SLGP		3953	25				44								4			2												1	75
24-Nov-87	SLGP		3964	14				93																							1	107
24-Nov-87	SLGP		3964	14				93																							1	107
29-Mar-85	TOW-EF	E-VOA	1549																120												10	120
26-Apr-85	TOW-EF		1583																												10	0
10-May-85	TOW-EF		1602													20		10	30												10	60
10-May-85	TOW-EF		1607 E	6.0		70		34			2.5	24				6.4															2-25	143
17-May-85	TOW-EF		1630																20												10	20
24-May-85	TOW-EF		1640																												10	0
31-May-85	TOW-EF		1687																												10	0
07-Jun-85	TOW-EF		1696																												10	0
14-Jun-85	TOW-EF		1714					20																							10	20
20-Jun-85	TOW-EF		1730					20																							10	20
28-Jun-85	TOW-EF		1745					40																							10	40
05-Jul-85	TOW-EF		1776	12				1100								10		13	31												10	1166
12-Jul-85	TOW-EF		1820																												10	0
18-Jul-85	TOW-EF		1838					40								30		20		50											10	140
26-Jul-85	TOW-EF		1842					300								40		30													10	370
23-Aug-85	TOW-EF		1886	20				120								70		20	10												10	240
26-Sep-85	TOW-EF		1966	70				460																							10	530

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACR	HCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Cla	Bdcm	Clb	TcFle	DL	TOTAL VO
03-Oct-85	TOW-BF		1988					230								10			10												10	250
31-Oct-85	TOW-BF		2012					280								10		10													10	300
31-Oct-85	TOW-BF		2012	E	33			91								14.															2-50	138
12-Nov-85	TOW-BF		2024					10																							10	10
26-Nov-85	TOW-BF		2046					60																							10	60
26-Dec-85	TOW-BF	AT MH-TAP FRZ	2105					270								10															10	280
26-Dec-85	TOW-BF		2105	E	18			240								15															2-50	273
22-Jan-86	TOW-BF		2160		10			190																							10	200
24-Feb-86	TOW-BF		2178		20			140																							10	160
24-Feb-86	TOW-BF		2178	E				55																							2-50	55
27-Mar-86	TOW-BF		2280		40			280								10															10	330
06-May-86	TOW-BF		2319		11			200								9			5												1	225
15-May-86	TOW-BF		2323					14																							1	14
21-May-86	TOW-BF		2328					8																							1	8
28-May-86	TOW-BF		2332					11																							1	11
06-Jun-86	TOW-BF		2339	E	2.1			17			4	41				3		4	2.0												2-50	73
06-Jun-86	TOW-BF		2339					19								2															1	21
12-Jun-86	TOW-BF		2349					20								1															1	21
18-Jun-86	TOW-BF		2353																												1	0
24-Jun-86	TOW-BF		2357					15								1															1	16
02-Jul-86	TOW-BF		2361		2			34								4		1													1	41
08-Jul-86	TOW-BF		2365		2			39								6		2	2												1	51
15-Jul-86	TOW-BF		2369		7			48								9		3	4												1	71
25-Jul-86	TOW-BF		2379		10			79								16		6													1	111
08-Aug-86	TOW-BF		2385					7								2															1	9
08-Aug-86	TOW-BF		2385	E			53	7				38				TR															2	98
15-Aug-86	TOW-BF		2389					8								2															1	10
21-Aug-86	TOW-BF		2393													3															1	3
26-Aug-86	TOW-BF		2397	E				5								2															2	7
26-Aug-86	TOW-BF		2397					9								3															1	12
05-Sep-86	TOW-BF		2429					5																							1	5
11-Sep-86	TOW-BF		2445					2								3															1	5
18-Sep-86	TOW-BF		2480		7			47								2															1	56
25-Sep-86	TOW-BF		2484					7								2															1	9
30-Sep-86	TOW-BF		2514	E				7								TR(<2)															2-10	7
30-Sep-86	TOW-BF		2514					4																							1	4
10-Oct-86	TOW-BF		2568					2								2															1	4
16-Oct-86	TOW-BF		2572					6								2		1	2												1	11
22-Oct-86	TOW-BF		2576	E				14								3		TR(2)													2-10	17
22-Oct-86	TOW-BF		2576					9								4															1	13
30-Oct-86	TOW-BF		2588					5								3		1													1	9
12-Nov-86	TOW-BF		2599					7								2															1	9
21-Nov-86	TOW-BF		2603					13								3		2	1												1	19
24-Nov-86	TOW-BF		2608					9								2		2													1	13
24-Nov-86	TOW-BF		2608	E				7			TR(2					3															2	10
04-Dec-86	TOW-BF		2620					8								3															1	11
11-Dec-86	TOW-BF		2624					7								3		2	1												1	13
16-Dec-86	TOW-BF		2628					11								4		3													1	18
23-Dec-86	TOW-BF		2632					3								2															1	5
30-Dec-86	TOW-BF		2642	E				4								1		<1													1	6
30-Dec-86	TOW-BF		2642																												1	0
08-Jan-87	TOW-BF		2653													1		2													1	3
14-Jan-87	TOW-BF	AT MH-TAP FRZ	2657													2															1	2
04-Feb-87	TOW-BF		2660					4							1																1	5
02-Mar-87	TOW-BF		2671					5								2		2													1	9
31-Mar-87	TOW-BF		2770					4								2		1													1	7
28-Apr-87	TOW-BF		2780					5								2		1													1	8
28-May-87	TOW-BF		2793					8								6		3													1	17

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcPle	DL	TOTAL VO
28-May-87	TOW-BF		2793	E				12			2					6		3													1	23
30-Jun-87	TOW-BF		2810																												1	0
29-Jul-87	TOW-BF		2815					1								1															1	2
29-Jul-87	TOW-BF		2815	E				3																							1-20	3
26-Aug-87	TOW-BF		2827																												1	0
28-Sep-87	TOW-BF		3933					4								3		1													1	8
27-Oct-87	TOW-BF		3946					3								3		1													1	7
27-Oct-87	TOW-BF		3946					3								3		1													1	7
24-Nov-87	TOW-BF		3958															8													1	8
24-Nov-87	TOW-BF		3958	E				7			1					3		2													1-10	12
24-Nov-87	TOW-BF		3958	E				7			1					3		2													1-10	12
24-Nov-87	TOW-BF		3958															8													1	8
29-Mar-85	TOW-IN	I-VOA	1548		460			950								170		150	1100												10	2830
09-Apr-85	TOW-IN	I-TOW	1651		1200			1100								100		50	1200												10	3650
12-Apr-85	TOW-IN	I-TOW	1566		890			800								110		50	1100												10	2950
19-Apr-85	TOW-IN		1580		580			590								90		40	730												10	2030
26-Apr-85	TOW-IN		1582		430			920								180		140	1150	160											10	2980
03-May-85	TOW-IN		1598		260			960								140		110	760	110											10	2340
10-May-85	TOW-IN		1601					830								130		100	730	100											10	1890
17-May-85	TOW-IN		1629					670								100		80	430	130											10	1410
24-May-85	TOW-IN		1639		60			640								40		20	50	40											10	850
31-May-85	TOW-IN		1686		70			630																							10	700
07-Jun-85	TOW-IN		1695		140			560								20															10	720
14-Jun-85	TOW-IN		1713					350								30		20	130												10	530
20-Jun-85	TOW-IN		1729		170			840										30	180												10	1220
28-Jun-85	TOW-IN		1744		220			790								40		60	100												10	1210
05-Jul-85	TOW-IN		1775		180			8900								27		34	80												10	9221
12-Jul-85	TOW-IN		1819					200								20		30	30												10	280
18-Jul-85	TOW-IN		1837					100								60		60	120	70											10	410
26-Jul-85	TOW-IN		1841		360			1000								60		50	80												10	1550
23-Aug-85	TOW-IN		1885		130			980								30		20	70	50											10	1280
26-Sep-85	TOW-IN		1965		100			560																							10	660
03-Oct-85	TOW-IN		1987		310			910								20		10	20												10	1270
31-Oct-85	TOW-IN		2011	E	130			510								16															2-50	656
31-Oct-85	TOW-IN		2011					330								10															10	340
12-Nov-85	TOW-IN		2023		40			390																							10	430
26-Nov-85	TOW-IN		2045					810								30															10	840
26-Dec-85	TOW-IN		2104					540								20			10												10	570
26-Dec-85	TOW-IN		2104	E	72			620								28		23													2-50	743
22-Jan-86	TOW-IN		2159		60			460																							10	520
24-Feb-86	TOW-IN		2178		150			870								10															10	1030
27-Mar-86	TOW-IN		2279		100			820								10															10	930
06-May-86	TOW-IN		2318		19			360								11			7												1	397
15-May-86	TOW-IN		2322		40			300																							10	340
21-May-86	TOW-IN		2327		76			420								12															1	508
28-May-86	TOW-IN		2331		20			350																							10	370
06-Jun-86	TOW-IN		2338		20			410								20															10	450
12-Jun-86	TOW-IN		2348		110			480								20															10	610
18-Jun-86	TOW-IN		2352					100																							10	100
24-Jun-86	TOW-IN		2356		30			310								20															10	360
02-Jul-86	TOW-IN		2360		50			470								20															10	540
08-Jul-86	TOW-IN		2364		40			530								20															10	590
15-Jul-86	TOW-IN		2368		40			320								20															10	380
25-Jul-86	TOW-IN		2378		90			580								30		10													10	710
08-Aug-86	TOW-IN		2384		30			400								50		40													10	520
15-Aug-86	TOW-IN		2388		5			380								20															10	405
21-Aug-86	TOW-IN		2392		20			430								20															10	470
26-Aug-86	TOW-IN	I?	2396																												10	0

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Cla	Bdcm	Clb	TcPle	DL	TOTAL VO
05-Sep-86	TOW-IN		2428	84				520								19		6	10												1	639
11-Sep-86	TOW-IN		2444	200				1100		2						38		12	22												1	1374
18-Sep-86	TOW-IN		2479	50				380								20			10												10	460
25-Sep-86	TOW-IN		2483					380								10															10	390
30-Sep-86	TOW-IN		2513					410																							10	410
10-Oct-86	TOW-IN		2567	40				240								40															10	320
16-Oct-86	TOW-IN		2571	50				340								30		10	20												10	450
22-Oct-86	TOW-IN		2575	93				490								32		12	13												1	640
30-Oct-86	TOW-IN		2587	70				250								40		20	10												10	390
12-Nov-86	TOW-IN		2598	10				360								30			20												10	420
21-Nov-86	TOW-IN		2602	30				690								30		20	20												10	790
24-Nov-86	TOW-IN		2607	80				380								20		20	10												10	510
24-Nov-86	TOW-IN		2607 R	40	TR<5			360			TR<2					30		14	14												2	458
04-Dec-86	TOW-IN		2619	81	3			530								36		18	14												1	682
11-Dec-86	TOW-IN		2623	94				350								27		13	10												1	494
16-Dec-86	TOW-IN		2627	30				390								40		20													10	480
23-Dec-86	TOW-IN		2631					220								20															10	240
30-Dec-86	TOW-IN		2641					280								20															10	300
08-Jan-87	TOW-IN		2652					280								20															10	300
14-Jan-87	TOW-IN		2656	10				280								20		20													10	330
04-Feb-87	TOW-IN		2659	40				190																							10	230
02-Mar-87	TOW-IN		2670	50				210								30		30													10	320
31-Mar-87	TOW-IN	(b)	2769	16				190								20		12	6												1	244
28-Apr-87	TOW-IN		2779	10				220								20		20													10	270
28-May-87	TOW-IN		2792					170								30		20													10	220
30-Jun-87	TOW-IN		2809					190																							10	190
29-Jul-87	TOW-IN		2814	65				200								30		80													10	375
26-Aug-87	TOW-IN		2826					140																							10	140
28-Sep-87	TOW-IN		3932	100				190								30															10	320
27-Oct-87	TOW-IN		3945	69	5			130			2					26		7	2												1	241
27-Oct-87	TOW-IN		3945	69	5			130			2					26		7	2												1	241
24-Nov-87	TOW-IN		3957 R	53				230			1					23		8	2												1-10	317
24-Nov-87	TOW-IN		3957	38				150								25		8													1	221
24-Nov-87	TOW-IN		3957 R	53				230			1					23		8	2												1-10	317
24-Nov-87	TOW-IN		3957	38				150								25		8													1	221
27-Mar-86	TURPND		2277																												1	0
16-Sep-86	TURPND		2464																												1	0
13-Mar-87	TURPND		2737																												1	0
09-Sep-87	TURPND		3870																												1	0
30-Jun-87	WLF		2808	60				6								16															1	82
29-Jul-87	WLF		2818	110				110								110															10	330
26-Aug-87	WLF		2834					200								120															10	320
28-Sep-87	WLF		3941	260				240								130															10	630
28-Sep-87	WLF		3941	260				240								130															10	630
27-Oct-87	WLF		3954	180				200		2				2		110															1	494
27-Oct-87	WLF		3954	180				200		2				2		110															1	494
24-Nov-87	WLF		3965	76	11			270								94															1	451
24-Nov-87	WLF		3965	76	11			270								94															1	451
27-Mar-85	WRG-3		1534					30																							10	30
11-Apr-85	WRG-3		1559																												10	0
31-May-85	WRG-3		1672					40																							10	40
21-Jun-85	WRG-3		1737																												10	0
16-Jul-85	WRG-3		1825																												10	0
12-Aug-85	WRG-3		1864																												10	0
06-Sep-85	WRG-3		1919																												10	0
08-Oct-85	WRG-3		2000					10																							10	10
20-Nov-85	WRG-3		2029																												10	0
26-Dec-85	WRG-3		2117																												10	0

DATE	LOCATION	NOTES	REF NO	V-chl	Cle	ACE	MCl	VDC	1,1-DCEa	T-VDC	1,2-DCEa	2-BUT	1,1,1-TCEa	1,2-DCP	TCE	Benz	TetCethy	Tol	etbz	xylene	Acrntl	CTet	TCFM	Tcle	Acr	Clf	Clm	Bdcm	Clb	TcFle	DL	TOTAL VO
17-Jan-86	WRG-3		2142	7				24																							1	31
20-Feb-86	WRG-3		2176	10				400								10															1	420
20-Mar-86	WRG-3		2244	3				13																							1	16
01-Apr-86	WRG-3		2296 *	9				7						19		350															1	385
08-Apr-86	WRG-3		2312 **	1				20								1															1	22
04-Sep-86	WRG-3		2427	3				22																							1	25
06-Mar-87	WRG-3		2685																												1	0
04-Sep-87	WRG-3		2841					4																							1	4

ACID/BASE-NEUTRAL EXTRACTABLES:

12-Apr-85 ISP Dibutylether 14 PPB
Unknowns 64,14,30,8 PPB
Detection Lim 2 PPB

OTHERS:

30-Dec-86 BL-1 REF 2650 0.94 ppm formaldehyde
30-Dec-86 BSL-1 REF 2651 0.18 ppm formaldehyde

NOTE: ALL CONCENTRATIONS IN PPB
*=5 PEAK LIBRARY, NO UNKNOWNS
**=5 PEAK LIBRARY, 25 ppb 1,1-oxybis-butane
XX=LIBRARY SEARCH DONE
1?=Results at TOW-IN and ISP on Aug 26, 1986 are anomalous
and are attributed to an untraceable sampling or laboratory error.
Interlab sample "ISP 2398B" is a replicate of "ISP 2398" and shows
only 4ppb total volatile organics.
(a)=Trans 1,3-Dichloropropene found at 1ppb
(b)=Library Search Showed Acetone@60ppb, 2-Butanone@35ppb, 4-Methyl-2-Pentanone@20 ppb
2-Hexanone@50ppb, 1-4,Dioxane@50ppb, 1,1'-Oxybis Butane@25ppb

All analyses were for Volatile Organic Priority Pollutants using EPA Method 624.
Compounds with blank concentrations and compounds not listed above were not detected.

- DL = Detection Limit

LEGEND

V-chl=Vinyl Chloride	2-BUT=2-Butanone
VDC=1,1 Dichloroethylene	1,2-DCEa=1,2-Dichloroethane
1,1,1-TCEa=1,1,1 Trichloroethane	1,1-DCEa=1,1-Dichloroethane
TetCethy=Tetrachloroethylene	1,2-DCP=1,2-Dichloropropane
etbz=Ethylbenzene	Cle=chloroethane
xylene=Total Xylenes	MCl=Methylene Chloride
Benz=Benzene	TCE=Trichloroethylene
Tol=Toluene	T-VDC=Trans-1,2-Dichloroethylene
ACE=Acetone	Acr=Acrolein
TCFM=Trichlorofluoromethane	Acrnt=Acrylonitrile
TCFle=Trichlorofluoroethane	Ctet=Carbon Tetrachloride
TCle=1,1,2,2-tetrachloroethane	Clm=Chloromethane
Clf=Chloroform	CLb=Chlorobenzene
Bdcm=Bromodichloromethane	

DATE	LOCATION	REF	(mg/l) Fe-D	(mg/l) Fe-T	(NTU) Turb	(color units) Color	(mv) ORP	(mg/l) As-D	(mg/l) Be-D	(mg/l) Cd-D	(mg/l) Cr-D	(mg/l) Cu-D	(mg/l) Pb-D	(mg/l) Ni-D	(mg/l) Zn-D	(mg/l) N-Nitrate
WATER QUALITY STANDARDS			0.3	NA	1 to 5	15	NA	0.05	NA	0.01	0.05	1	0.05	NA	5	10
19-Mar-86	AR-15B1	2240 CDM	7.4					<0.010	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	0.050	<0.5
17-Mar-87	AR-15B1	2747	6.3					<0.003	<0.005	0.001	<0.025	0.034	0.007	<0.04	0.10	<0.10
19-Mar-86	AR-15B2	2241 CDM	0.16					<0.010	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	0.018	<0.5
17-Mar-87	AR-15B2	2748	0.21					<0.003	<0.005	0.001	<0.025	0.077	0.018	<0.04	0.13	<0.10
19-Mar-86	AR-15B3	2252 CDM	<0.10					<0.010	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	0.050	<0.5
17-Mar-87	AR-15B3	2749	0.03					<0.003	<0.005	0.001	<0.025	0.041	0.011	<0.04	0.10	0.14
19-Mar-86	AR-15P	2239 CDM	<0.10					<0.010	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	0.011	<0.5
17-Mar-87	AR-15P	2746	<0.025					<0.003	<0.005	0.002	<0.025	<0.010	0.018	<0.04	0.07	1.1
26-Mar-86	B5-B1	2271 CDM	<0.10					<0.010	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	0.033	<0.5
16-Mar-87	B5-B1	2742	0.06					<0.003	<0.005	<0.001	<0.025	0.021	0.007	<0.04	0.10	<0.10
26-Mar-86	B5-B2	2272 CDM	<0.10					<0.010	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.010	<0.5
16-Mar-87	B5-B2	2743	0.03					<0.003	<0.005	<0.001	<0.025	0.018	0.007	<0.04	0.13	<0.10
26-Mar-86	B5-B3	2273 CDM	<0.10					<0.010	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.010	<0.5
16-Mar-87	B5-B3	2744	<0.025					<0.003	<0.005	<0.001	<0.025	<0.010	0.007	<0.04	0.07	<0.10
26-Mar-86	B5-B4	2274 CDM	1.6					<0.010	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	0.022	<0.5
17-Mar-87	B5-B4	2745	1.3					<0.003	<0.005	<0.001	<0.025	<0.010	0.008	<0.04	0.06	<0.10
25-Mar-86	B9-B1	2257 CDM	<0.10					<0.010	<0.2	<0.010	<0.05	<0.05	<0.010	<0.05	0.040	<0.5
16-Mar-87	B9-B1	2738	0.09					<0.003	<0.005	0.002	<0.025	0.015	0.009	<0.04	0.09	0.14
25-Mar-86	B9-B2	2258 CDM	<0.10					<0.010	<0.2	<0.010	<0.05	<0.05	<0.010	<0.05	0.086	<0.5
16-Mar-87	B9-B2	2739	0.14					<0.003	<0.005	0.002	<0.025	0.048	0.008	<0.04	0.20	<0.10
25-Mar-86	B9-B3	2259 CDM	3.0					<0.010	<0.2	<0.010	<0.05	<0.05	<0.010	<0.05	<0.010	<0.5
16-Mar-87	B9-B3	2740	2.1					<0.003	<0.005	<0.001	<0.025	<0.010	0.008	<0.04	0.09	<0.10
25-Mar-86	B9-B4	2262 CDM	13					<0.010	<0.2	<0.010	<0.05	<0.05	<0.010	<0.05	0.015	<0.5
16-Mar-87	B9-B4	2741	8.5					<0.003	<0.005	<0.001	<0.025	<0.010	0.008	<0.04	0.13	<0.10
26-Apr-85	BOT-CAS	1586 CDM	0.29	6.2	7.4											
07-Jun-85	BOT-CAS	1697 CDM	0.41					<0.005	<0.02	<0.005	<0.05	<0.10	<0.005	<0.05	<0.010	0.3
14-Jun-85	BOT-CAS	1715 CDM	0.75					0.007	<0.02	<0.005	<0.05	<0.10	<0.10	<0.05	0.1	0.31
20-Jun-85	BOT-CAS	1731 CDM	0.19					0.006	<0.02	<0.005	<0.05	<0.05	<0.10	<0.05	0.011	0.32
28-Jun-85	BOT-CAS	1746 CDM	<0.10					0.006	<0.02	<0.005	<0.05	<0.05	<0.10	<0.05	0.011	0.34
05-Jul-85	BOT-CAS	1777 CDM	1.3					0.013	<0.02	<0.005	<0.05	<0.05	<0.10	<0.05	0.028	0.27
12-Jul-85	BOT-CAS	1821 CDM	0.51					0.006	<0.02	<0.005	<0.05	<0.05	<0.2	<0.05	0.02	0.31
26-Apr-85	ELF	1591 CDM					50									
26-Apr-85	ISP	1584 CDM		0.97				<0.010	<0.02	<0.005	<0.05	<0.05	<0.005	<0.10	0.01	2.1
10-May-85	ISP	1603 CDM	0.1					<0.010	<0.02	<0.005	<0.05	<0.05	<0.005	<0.10	0.02	0.69
17-May-85	ISP	1631 CDM	0.08					<0.005	<0.02	<0.005	<0.05	<0.05	<0.005	<0.10	0.02	0.03
24-May-85	ISP	1641 CDM	0.1					<0.005	<0.02	<0.005	<0.05	<0.05	<0.005	<0.10	<0.010	0.32
31-May-85	ISP	1688 CDM	0.16					<0.005	<0.02	<0.005	<0.05	<0.10	<0.005	<0.05	<0.010	0.31
18-Jul-85	ISP	1839 CDM	<0.10					0.006	<0.05	<0.005	<0.10	<0.05	<0.2	<0.05	0.02	0.36
26-Jul-85	ISP	1843 CDM	<0.10					<0.005	<0.05	<0.005	<0.10	<0.05	<0.2	<0.05	0.02	0.35
23-Aug-85	ISP	1887 CDM	<0.10					<0.005	<0.02	0.017	<0.01	<0.05	<0.05	<0.10	<0.010	0.30
23-Aug-85	ISP	1887 CDM	<0.10					<0.005	<0.02	0.017	<0.01	<0.05	<0.05	<0.10	<0.010	0.30
27-Sep-85	ISP	1967 CDM	<0.10					<0.005	<0.02	<0.05	<0.05	<0.05	<0.010	<0.05	<0.005	0.31
31-Oct-85	ISP	2013 CDM	2.1					0.031	<0.02	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	0.14
26-Nov-85	ISP	2047 CDM	1.4					0.016	<0.05	<0.025	<0.05	<0.10	<0.025	<0.05	0.018	0.53
27-Dec-85	ISP	2106 CDM	2					0.024	<0.02	<0.010	<0.05	<0.05	<0.05	<0.05	<0.010	0.22
22-Jan-86	ISP	2161 CDM	2					0.029	<0.02	<0.01	<0.05	<0.05	<0.005	<0.05	0.018	0.08
24-Feb-86	ISP	2180 CDM	1.6					0.010	<0.02	<0.010	<0.05	<0.05	<0.05	<0.05	0.012	0.56
27-Mar-86	ISP	2281 CDM	1.37					0.013	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.010	0.16
06-May-86	ISP	2320 CDM	<0.20					<0.010	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.010	<0.5
15-May-86	ISP	2324 CDM	<0.20					<0.010	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.010	<0.5

DATE	LOCATION	REF	(mg/l) Fe-D	(mg/l) Fe-T	(NTU) Turb	(color units) Color	(mv) ORP	(mg/l) As-D	(mg/l) Be-D	(mg/l) Cd-D	(mg/l) Cr-D	(mg/l) Cu-D	(mg/l) Pb-D	(mg/l) Ni-D	(mg/l) Zn-D	(mg/l) N-Nitrate
WATER QUALITY STANDARDS			0.3	NA	1 to 5	15	NA	0.05	NA	0.01	0.05	1	0.05	NA	5	10
22-May-86	ISP	2329 CDM	<0.05					0.016	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.02	<0.5
28-May-86	ISP	2333 CDM	<0.05					<0.010	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.02	<0.5
06-Jun-86	ISP	2340 CDM	0.21					<0.010	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.02	<0.5
11-Jun-86	ISP	2350 CDM	0.19					<0.010	<0.05	<0.010	<0.05	<0.05	<0.010	<0.05	<0.01	<0.5
18-Jun-86	ISP	2354	<0.025					0.008	<0.005	0.003	<0.025	<0.007	<0.005	<0.04	<0.02	<0.5
24-Jun-86	ISP	2358	0.028					<0.008	<0.005	<0.001	<0.025	<0.02	<0.005	<0.04	<0.02	<0.5
02-Jul-86	ISP	2362	0.057					<0.008	<0.005	0.002	<0.025	0.007	<0.025	<0.04	<0.02	<0.5
08-Jul-86	ISP	2366	0.13					<0.008	<0.005	0.001	<0.025	<0.007	<0.05	<0.04	0.03	<0.5
15-Jul-86	ISP	2370	0.057					<0.008	<0.005	0.001	<0.025	<0.007	<0.050	<0.04	0.02	0.55
25-Jul-86	ISP	2380	0.09					0.0056	<0.005	0.002	<0.03	<0.007	<0.0036	<0.04	0.06	0.44
08-Aug-86	ISP	2386	0.08					<0.005	<0.005	0.002	<0.025	<0.007	0.007	<0.04	0.05	0.42
15-Aug-86	ISP	2390	<0.025					<0.008	<0.005	<0.001	<0.025	<0.007	<0.005	<0.04	<0.03	0.3
21-Aug-86	ISP	2394	0.08					<0.008	<0.005	<0.001	<0.025	0.014	<0.01	<0.04	<0.025	0.32
25-Aug-86	ISP	2398	0.05					<0.008	<0.005	0.001	<0.025	<0.01	0.009	<0.04	<0.02	0.32
05-Sep-86	ISP	2430	0.06					<0.008	<0.005	<0.002	<0.025	0.013	<0.005	<0.04	0.02	<0.04
11-Sep-86	ISP	2446	0.07					<0.008	<0.005	<0.001	<0.025	<0.007	<0.004	<0.04	<0.02	0.34
18-Sep-86	ISP	2481	0.03					<0.01	<0.005	<0.001	<0.025	<0.007	<0.01	<0.04	<0.02	0.30
25-Sep-86	ISP	2485	0.05					<0.008	<0.005	0.002	<0.025	<0.007	<0.005	<0.04	<0.02	0.29
30-Sep-86	ISP	2515	0.07					<0.008	<0.005	<0.001	<0.025	<0.007	<0.005	<0.04	<0.02	0.33
10-Oct-86	ISP	2569	0.11					<0.008	<0.005	<0.001	<0.025	<0.01	0.004	<0.04	0.04	0.39
16-Oct-86	ISP	2573	0.59					<0.008	<0.005	<0.001	<0.025	<0.007	<0.005	<0.04	<0.02	0.36
22-Oct-86	ISP	2577	0.10					<0.008	<0.005	0.002	<0.025	<0.01	<0.005	<0.04	0.03	0.36
30-Oct-86	ISP	2589	0.07					0.012	<0.005	0.002	<0.025	<0.007	<0.005	<0.04	<0.02	0.18
12-Nov-86	ISP	2600	0.22					<0.16	<0.005	0.003	<0.025	<0.01	<0.006	<0.04	<0.02	0.13
21-Nov-86	ISP	2604	0.51					0.014	<0.005	<0.001	<0.025	<0.01	<0.005	<0.04	0.08	0.25
24-Nov-86	ISP	2609	0.34					0.010	<0.005	0.003	<0.025	<0.01	<0.005	<0.04	0.11	0.13
04-Dec-86	ISP	2621	0.29					0.013	<0.005	<0.001	<0.025	<0.015	<0.003	<0.04	0.04	0.14
11-Dec-86	ISP	2625	0.67					0.017	<0.005	0.13	<0.025	<0.01	<0.005	<0.04	<0.04	0.15
16-Dec-86	ISP	2629	0.52					0.019	<0.005	<0.004	<0.025	<0.01	<0.004	<0.04	<0.02	0.14
23-Dec-86	ISP	2633	0.40					0.017	<0.005	<0.001	<0.025	<0.01	<0.004	<0.04	<0.02	0.19
30-Dec-86	ISP	2643	0.32					0.017	<0.005	<0.001	<0.025	<0.01	<0.005	<0.04	0.02	0.21
08-Jan-87	ISP	2654	0.22					0.013	<0.005	<0.001	<0.025	<0.01	<0.005	<0.04	0.04	0.26
14-Jan-87	ISP	2658	0.44					0.018	<0.005	<0.001	<0.025	<0.01	<0.01	<0.04	0.05	0.19
04-Feb-87	ISP	2661	0.20					0.014	<0.005	0.001	0.033	<0.01	<0.005	<0.04	<0.02	0.2
02-Mar-87	ISP	2672	0.6					0.018	<0.005	0.002	<0.025	<0.01	<0.003	<0.04	0.05	0.15
31-Mar-87	ISP	2771	0.12					0.007	<0.005	0.001	<0.025	0.013	<0.004	<0.04	0.10	0.29
28-Apr-87	ISP	2781	0.05					0.005	<0.005	<0.001	<0.025	0.015	<0.003	<0.04	<0.02	0.29
28-May-87	ISP	2795	0.09					0.005	<0.005	<0.001	<0.025	0.021	<0.003	<0.10	0.04	0.34
30-Jun-87	ISP	2811	0.050					0.006	<0.010	<0.003	<0.025	<0.010	<0.004	<0.100	0.030	0.56
29-Jul-87	ISP	2816	<0.10					0.007	<0.005	<0.001	<0.05	<0.010	<0.003	<0.10	<0.02	0.34
26-Aug-87	ISP	2828	0.2					<0.006	<0.015	<0.001	<0.025	<0.025	<0.004	<0.2	<0.02	0.4
28-Sep-87	ISP	3934	0.10					0.006	<0.005	<0.001	<0.025	<0.010	<0.002	<0.2	<0.02	0.34
27-Oct-87	ISP	3948	0.54					0.013	<0.005	<0.001	<0.025	0.019	<0.008	<0.04	0.03	0.13
24-Nov-87	ISP	3959	0.69					0.016	<0.005	<0.001	<0.05	<0.010	<0.002	<0.2	0.08	<0.10
26-Apr-85	ISP-10X1	1585 CDM			7.6	30										
10-May-85	ISP-10X1	1604 CDM			2.4	5										
17-May-85	ISP-10X1	1632 CDM			2.7	10										
24-May-85	ISP-10X1	1642 CDM			3.1	5										
31-May-85	ISP-10X1	1689 CDM			0.7	5										
07-Jun-85	ISP-10X1	1698 CDM			1.3	5										
14-Jun-85	ISP-10X1	1716 CDM			1.6	10										

DATE	LOCATION	REF	(mg/l) Fe-D	(mg/l) Fe-T	(NTU) Turb	(color units) Color	(mv) ORP	(mg/l) As-D	(mg/l) Be-D	(mg/l) Cd-D	(mg/l) Cr-D	(mg/l) Cu-D	(mg/l) Pb-D	(mg/l) Ni-D	(mg/l) Zn-D	(mg/l) N-Nitrate
WATER QUALITY STANDARDS			0.3	NA	1 to 5	15	NA	0.05	NA	0.01	0.05	1	0.05	NA	5	10
20-Jun-85	ISP-10X1	1732 CDM			2.3	10										
28-Jun-85	ISP-10X1	1747 CDM			1.3	5										
05-Jul-85	ISP-10X1	1778 CDM			1.9	10										
12-Jul-85	ISP-10X1	1823 CDM			1.1	20										
18-Jul-85	ISP-10X1	1840 CDM			1.4	15										
26-Jul-85	ISP-10X1	1844 CDM			1.4	10										
23-Aug-85	ISP-10X1	1888 CDM			1.8	10										
23-Aug-85	ISP-10X1	1888 CDM			1.8	10										
27-Sep-85	ISP-10X1	1968 CDM			1.1	5										
31-Oct-85	ISP-10X1	2014 CDM			4.2	15										
26-Nov-85	ISP-10X1	2048 CDM			4.1	30										
27-Dec-85	ISP-10X1	2107 CDM			12	10										
22-Jan-86	ISP-10X1	2162 CDM			14	10										
24-Feb-86	ISP-10X1	2181 CDM			5.9	10										
27-Mar-86	ISP-10X1	2282 CDM			9.8	10										
06-May-86	ISP-10X1	2321 CDM			9.2	0.5										
15-May-86	ISP-10X1	2326 CDM			2.8	10										
22-May-86	ISP-10X1	2330 CDM			5.12	5										
28-May-86	ISP-10X1	2334 CDM			1.1	5										
06-Jun-86	ISP-10X1	2341 CDM			1.0	15										
11-Jun-86	ISP-10X1	2351 CDM			1.0	15										
18-Jun-86	ISP-10X1	2355 CDM			0.5	10										
24-Jun-86	ISP-10X1	2359 CDM			0.5	10										
02-Jul-86	ISP-10X1	2363 CDM			1.8	10										
08-Jul-86	ISP-10X1	2363 CDM			0.9	10										
15-Jul-86	ISP-10X1	2371			2.75	0										
25-Jul-86	ISP-10X1	2381			3.3	<1.0										
08-Aug-86	ISP-10X1	2387			1.6	<1										
15-Aug-86	ISP-10X1	2391			2.64	10										
21-Aug-86	ISP-10X1	2395			2.27	12										
26-Aug-86	ISP-10X1	2407			3.6	<1										
05-Sep-86	ISP-10X1	2431			2.4	12										
11-Sep-86	ISP-10X1	2447			3.8	0										
18-Sep-86	ISP-10X1	2482			2.4	2										
25-Sep-86	ISP-10X1	2486			2.25	<1										
30-Sep-86	ISP-10X1	2516			1.35	12										
10-Oct-86	ISP-10X1	2570			4.5	0										
16-Oct-86	ISP-10X1	2574			2.8	12										
22-Oct-86	ISP-10X1	2578			3.8	9										
30-Oct-86	ISP-10X1	2590			15.8	<1										
12-Nov-86	ISP-10X1	2601			10.5	2										
21-Nov-86	ISP-10X1	2605			8.3	22										
24-Nov-86	ISP-10X1	2610			3.5	23										
04-Dec-86	ISP-10X1	2622			8.5	14										
11-Dec-86	ISP-10X1	2626			19	1										
16-Dec-86	ISP-10X1	2630			19	5										
23-Dec-86	ISP-10X1	2634			12	0										
30-Dec-86	ISP-10X1	2644			7.9	4										
08-Jan-87	ISP-10X1	2655			11	5										
14-Jan-87	ISP-10X1	2659			7.1	5										
04-Feb-87	ISP-10X1	2662			5.4	9										

DATE	LOCATION	REF	(mg/l) Fe-D	(mg/l) Fe-T	(NTU) Turb	(color units) Color	(mv) ORP	(mg/l) As-D	(mg/l) Be-D	(mg/l) Cd-D	(mg/l) Cr-D	(mg/l) Cu-D	(mg/l) Pb-D	(mg/l) Ni-D	(mg/l) Zn-D	(mg/l) N-Nitrate
WATER QUALITY STANDARDS			0.3	NA	1 to 5	15	NA	0.05	NA	0.01	0.05	1	0.05	NA	5	10
02-Mar-87	ISP-10X1	2673			9.7	25										
31-Mar-87	ISP-10X1	2772			10	30										
28-Apr-87	ISP-10X1	2782			5.2	20										
28-May-87	ISP-10X1	2796			1.8	10										
30-Jun-87	ISP-10X1	2812			1.1	10										
29-Jul-87	ISP-10X1	2817			1.0	10										
26-Aug-87	ISP-10X1	2829			2	15										
28-Sep-87	ISP-10X1	3935			2.2	10										
27-Oct-87	ISP-10X1	3949			29	50										
24-Nov-87	ISP-10X1	3960			9.4	30										
26-Apr-85	NLBR	1593 CDM					40									
26-Apr-85	NLGP	1592 CDM					50									
26-Apr-85	OPP-BANK	1587 CDM	<0.05	0.93	6.3											
26-Apr-85	RLF	1590 CDM					45									
26-Apr-85	SLBR	1589 CDM					40									
26-Apr-85	SLGP	1588 CDM					40									
28-Mar-85	TOW-BF	1549 CDM	9.4	15			16									
26-Apr-85	TOW-BF	1583 CDM	2.2	13	>10											
31-May-85	TOW-BF	1688 CDM	0.16					<0.005	<0.02	<0.005	<0.05	<0.10	<0.005	<0.05	<0.010	0.31
28-Mar-85	TOW-IN	1548 CDM		16			-66									
26-Apr-85	TOW-IN	1582 CDM	14	16	>10			0.068	<0.02	<0.005	<0.05	<0.05	<0.005	<0.10	0.08	0.4
10-May-85	TOW-IN	1601 CDM	16					0.084	<0.02	<0.005	<0.05	<0.05	<0.005	0.17	0.05	0.05
17-May-85	TOW-IN	1629 CDM	14					0.072	<0.02	<0.005	<0.05	<0.05	<0.005	0.11	0.058	<0.05
24-May-85	TOW-IN	1639 CDM	12.5					0.075	<0.02	<0.005	<0.05	<0.05	<0.005	<0.10	0.038	<0.05(P)
31-May-85	TOW-IN	1686 CDM	10.5					0.078	<0.02	<0.005	<0.05	<0.10	<0.005	<0.05	0.034	<0.05(P)
07-Jun-85	TOW-IN	1695 CDM	9.5					0.078	<0.02	<0.005	<0.05	<0.10	<0.005	<0.05	0.038	<0.10
14-Jun-85	TOW-IN	1713 CDM	14					0.058	<0.02	<0.005	<0.05	<0.10	<0.10	<0.05	0.076	<0.05
20-Jun-85	TOW-IN	1729 CDM	9					0.066	<0.02	<0.005	<0.05	<0.05	<0.10	<0.05	0.038	0.07
28-Jun-85	TOW-IN	1744 CDM	12.2					0.07	<0.02	<0.005	<0.05	<0.05	<0.10	<0.05	0.052	<0.05
05-Jul-85	TOW-IN	1775 CDM	9.9					0.052	<0.02	<0.005	<0.05	<0.05	<0.10	<0.05	0.07	<0.05
12-Jul-85	TOW-IN	1819 CDM	7.8					0.079	<0.02	<0.005	<0.05	<0.05	<0.2	<0.05	0.18	<0.05
18-Jul-85	TOW-IN	1837 CDM	12					0.109	<0.05	0.005	<0.10	<0.05	<0.2	<0.05	0.03	<0.05
26-Jul-85	TOW-IN	1841 CDM	12					0.103	<0.05	0.005	<0.10	<0.05	<0.2	<0.05	0.07	<0.05
23-Aug-85	TOW-IN	1885 CDM	5					0.096	<0.02	<0.010	<0.01	<0.05	<0.05	<0.10	0.038	<0.10
23-Aug-85	TOW-IN	1885 CDM	5.0					0.096	<0.02	<0.010	<0.01	<0.05	<0.05	<0.10	0.038	<0.10
27-Sep-85	TOW-IN	1965 CDM	9.8					0.080	<0.02	<0.05	<0.05	<0.05	<0.010	<0.05	0.030	<0.05
31-Oct-85	TOW-IN	2011 CDM	12					0.083	<0.02	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	<0.05
26-Nov-85	TOW-IN	2045 CDM	14					0.067	<0.05	<0.025	<0.05	<0.10	<0.025	<0.05	0.028	<0.10
27-Dec-85	TOW-IN	2104 CDM	14					0.092	<0.02	<0.010	<0.05	<0.05	<0.05	<0.05	0.02	<0.05
22-Jan-86	TOW-IN	2159 CDM	18					0.085	<0.02	<0.01	<0.05	<0.05	<0.005	<0.05	0.033	<0.05
24-Feb-86	TOW-IN	2178 CDM	9.4					0.072	<0.02	<0.010	<0.05	<0.05	<0.05	<0.05	0.024	<0.10
27-Mar-86	TOW-IN	2279 CDM	11.2					0.082	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.010	<0.10
06-May-86	TOW-IN	2318 CDM	12.8					0.091	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.010	<0.5
15-May-86	TOW-IN	2322 CDM	12.8					0.081	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.010	<0.5
22-May-86	TOW-IN	2327 CDM	12.6					0.078	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.02	<0.5
28-May-86	TOW-IN	2331 CDM	14.7					0.075	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.02	<0.5
06-Jun-86	TOW-IN	2338 CDM	18.1					0.079	<0.02	<0.010	<0.05	<0.05	<0.010	<0.05	<0.02	<0.5
11-Jun-86	TOW-IN	2348 CDM	16.4					0.075	<0.05	<0.010	<0.05	<0.05	<0.010	<0.05	<0.01	<0.5
18-Jun-86	TOW-IN	2352	13					0.102	<0.005	0.003	<0.025	<0.007	<0.005	<0.04	<0.02	<0.5
24-Jun-86	TOW-IN	2356	14					0.087	<0.005	<0.001	<0.025	<0.02	<0.005	<0.04	<0.02	<0.5
02-Jul-86	TOW-IN	2360	14					0.197	<0.005	0.002	<0.025	<0.007	<0.025	<0.04	0.03	<0.5

DATE	LOCATION	REF	(mg/l) Fe-D	(mg/l) Fe-T	(NTU) Turb	(color units) Color	(mv) ORP	(mg/l) As-D	(mg/l) Be-D	(mg/l) Cd-D	(mg/l) Cr-D	(mg/l) Cu-D	(mg/l) Pb-D	(mg/l) Ni-D	(mg/l) Zn-D	(mg/l) N-Nitrate
WATER QUALITY STANDARDS			0.3	NA	1 to 5	15	NA	0.05	NA	0.01	0.05	1	0.05	NA	5	10
08-Jul-86	TOW-IN	2364	13					0.047	<0.005	0.002	<0.025	<0.007	<0.05	<0.04	0.06	<0.5
15-Jul-86	TOW-IN	2368	14					0.091	<0.005	0.001	<0.025	<0.007	<0.050	<0.04	0.02	<0.01
25-Jul-86	TOW-IN	2378	13					0.095	<0.005	0.003	0.03	0.028	0.004	<0.04	0.07	<0.10
08-Aug-86	TOW-IN	2384	12					0.07	<0.005	0.003	<0.025	0.19	<0.004	<0.04	0.07	<0.10
15-Aug-86	TOW-IN	2388	1.6					0.014	<0.005	<0.001	<0.025	<0.007	<0.005	<0.04	<0.03	<0.1
21-Aug-86	TOW-IN	2392	12					0.009	<0.005	<0.001	<0.025	0.012	<0.01	<0.04	<0.025	<0.10
26-Aug-86	TOW-IN	2396	12					<0.008	<0.005	<0.001	<0.025	<0.01	<0.005	<0.04	0.03	<0.10
05-Sep-86	TOW-IN	2428	13					0.095	<0.005	<0.002	<0.025	0.008	<0.005	<0.04	<0.02	<0.10
11-Sep-86	TOW-IN	2444	13					0.089	<0.005	<0.001	<0.025	<0.007	<0.004	<0.04	<0.02	<0.10
18-Sep-86	TOW-IN	2479	13					0.09	<0.005	<0.001	<0.025	<0.007	<0.01	<0.04	0.03	<0.10
25-Sep-86	TOW-IN	2483	13					0.087	<0.005	0.003	<0.035	0.01	<0.005	<0.04	<0.02	<0.10
30-Sep-86	TOW-IN	2513	12					0.089	<0.005	<0.001	<0.025	0.017	<0.005	<0.04	<0.02	<0.10
10-Oct-86	TOW-IN	2567	12					0.10	<0.005	<0.001	<0.025	<0.01	<0.004	<0.04	<0.02	<0.10
16-Oct-86	TOW-IN	2571	14					0.10	<0.005	<0.001	<0.005	<0.007	<0.005	<0.04	0.03	<0.10
22-Oct-86	TOW-IN	2575	14					0.090	<0.005	0.001	<0.025	<0.01	<0.005	<0.04	<0.02	<0.10
30-Oct-86	TOW-IN	2587	16					0.087	<0.005	0.004	<0.025	<0.007	<0.005	<0.04	<0.02	<0.10
12-Nov-86	TOW-IN	2598	12					<0.16	<0.005	<0.001	<0.025	<0.01	<0.004	<0.04	<0.02	<0.10
21-Nov-86	TOW-IN	2602	13					0.098	<0.005	<0.001	<0.025	<0.01	<0.005	<0.04	0.06	<0.10
24-Nov-86	TOW-IN	2607	13					0.090	<0.005	0.004	<0.025	<0.01	<0.005	<0.04	0.05	<0.10
04-Dec-86	TOW-IN	2619	13					0.090	<0.005	<0.001	<0.025	<0.015	<0.003	<0.04	0.03	<0.10
11-Dec-86	TOW-IN	2623	14					0.10	<0.005	<0.001	<0.025	<0.01	<0.005	<0.04	<0.04	<0.10
16-Dec-86	TOW-IN	2627	13					0.099	<0.005	<0.004	<0.025	<0.01	<0.004	<0.04	<0.02	<0.10
23-Dec-86	TOW-IN	2631	12					0.087	<0.005	<0.001	<0.025	<0.01	<0.004	<0.04	<0.02	<0.10
30-Dec-86	TOW-IN	2641	13					0.096	<0.005	<0.001	<0.025	<0.01	<0.005	<0.04	<0.02	<0.10
08-Jan-87	TOW-IN	2652	13					0.094	<0.005	0.002	<0.025	<0.01	0.005	<0.04	0.05	<0.10
14-Jan-87	TOW-IN	2656	13					0.10	<0.005	<0.001	<0.025	<0.01	<0.01	<0.04	0.05	<0.10
04-Feb-87	TOW-IN	2659	11					0.087	<0.005	0.001	<0.025	<0.01	<0.005	<0.04	<0.02	<0.1
02-Mar-87	TOW-IN	2670	14					0.099	<0.005	<0.001	<0.025	<0.01	<0.003	<0.04	0.03	<0.10
31-Mar-87	TOW-IN	2769	13					0.089	<0.005	0.005	<0.025	0.012	<0.004	<0.04	0.14	<0.04
28-Apr-87	TOW-IN	2779	13					0.099	<0.005	<0.001	<0.025	<0.01	0.006	<0.04	<0.02	<0.05
28-May-87	TOW-IN	2792	13					0.096	<0.005	<0.001	<0.025	0.017	<0.003	<0.10	0.03	<0.01
30-Jun-87	TOW-IN	2809	10					0.10	<0.010	<0.003	<0.025	<0.010	0.011	<0.10	0.050	0.14
29-Jul-87	TOW-IN	2814	11					0.093	<0.005	<0.001	<0.05	0.013	<0.003	<0.10	0.05	<0.10
26-Aug-87	TOW-IN	2826	10					0.071	<0.015	<0.001	<0.025	<0.025	<0.004	<0.2	<0.02	<0.2
28-Sep-87	TOW-IN	2932	11					0.094	<0.005	<0.001	<0.025	<0.010	<0.002	<0.2	<0.02	<0.10
27-Oct-87	TOW-IN	3945	13					0.082	<0.005	<0.001	<0.025	0.025	<0.008	<0.04	0.04	<0.10
24-Nov-87	TOW-IN	3957	11					0.069	<0.005	<0.001	<0.05	<0.010	<0.002	<0.2	0.10	0.14

NOTE: All concentrations noted with a "<" (less-than sign) denote that the substance was not detected. The number following the less-than sign is the detection limit.

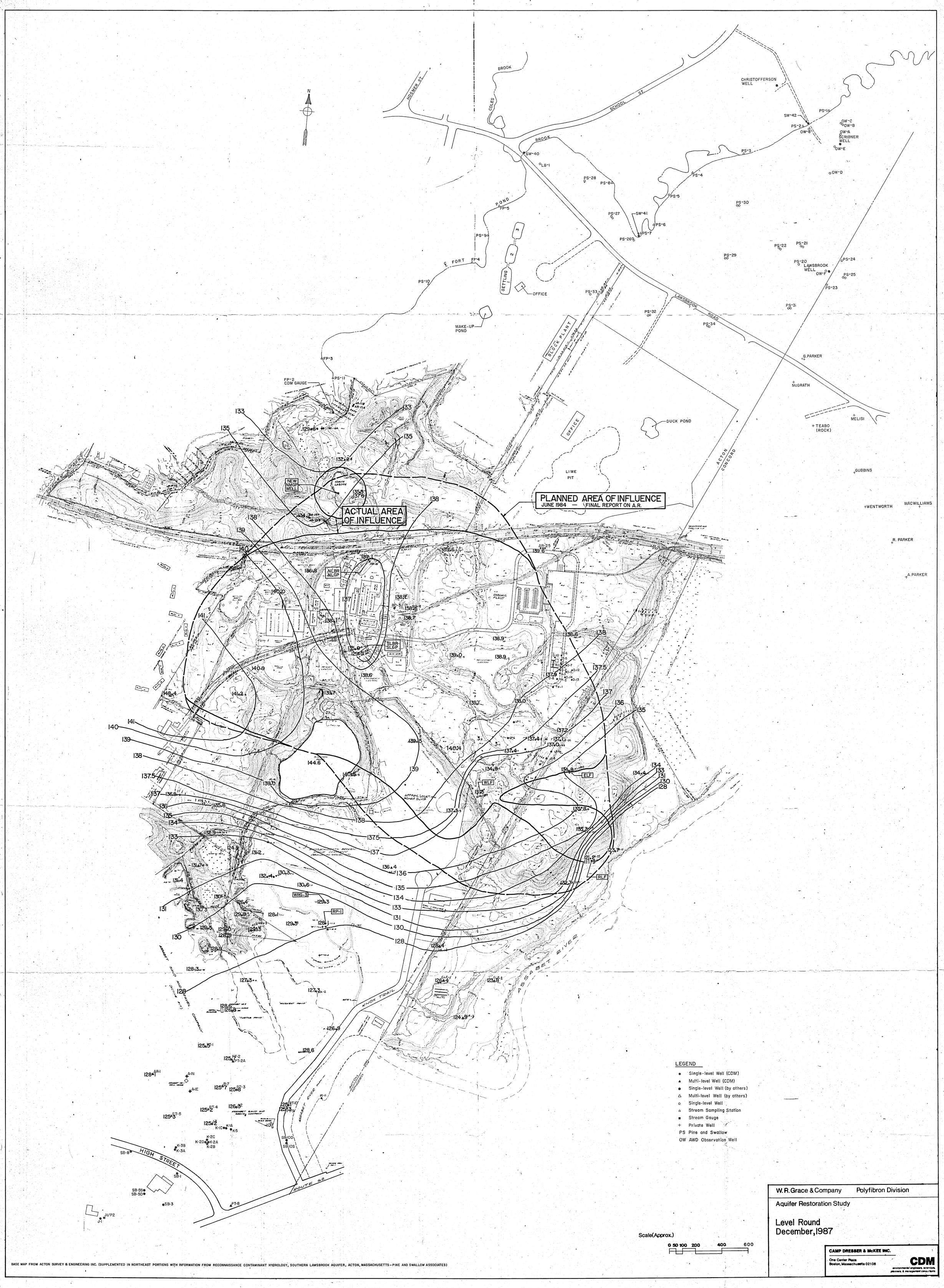
LOCATION	September 1984	March and April 1985 Mar 29	Apr 3	Apr 12-16	June 1985	September 1985	December 1985	March 1986	June 1986	December 1986	June 1987	DECEMBER 1987
A-1N												
A1-E												
A-2E					122.85	123.92	122.81	122.27	126.08	126.08	129.74	126.81
A4-78	130.35				126.19	127.32	127.39	127.12	127.64	127.78	131.65	128.32
A5-78					126.73	127.62	127.89	127.67	128.34	128.28	131.94	128.92
A6-78	131.40				127.53	128.31	128.69	128.62	129.22	128.95	132.48	129.52
A7-78								129.84	130.39	129.98	133.13	130.33
A8-78	133.95				130.90	130.85	131.40	131.54	132.07	131.36	134.90	131.36
AR-1	130.26				125.96	125.86	127.90	126.58	126.77	139.91	133.30	128.14
AR-2	129.62				125.69	126.08	126.53	126.14	126.58	126.82	130.38	127.32
AR-3	142.00		141.04		140.80	140.23		140.49	140.73	140.08	142.03	140.50
AR-4	141.88		140.11		139.73	139.34	139.51	139.55	139.86	139.17	141.55	139.50
AR-5	139.93				136.38	136.37	136.75	136.94	137.50	136.49	140.52	136.78
AR-6	144.35				141.14	140.66	140.91	141.12	141.82	144.82	144.56	141.18
AR-7	151.69				147.64	148.33	148.61	148.62	148.85	143.60	151.90	148.36
AR-8	134.75		133.85		132.72	132.19	132.98	133.04	132.93	132.89	134.44	132.24
AR-9	143.46	140.55	140.47	140.30	139.53	139.06	139.14	139.36	139.96	139.01	142.30	139.58
AR-9A										135.52	138.41	135.61
AR-9BR										135.49	138.39	135.59
AR-10	141.98	139.42			138.58	138.18	138.37	138.62	139.10	138.24	141.10	138.64
AR-10BR										135.54	138.04	135.52
AR-11	135.59	134.84	134.93		134.32	134.08	134.27	134.74	134.67	134.45	135.53	134.38
AR-12	125.21	124.06	124.06		123.44	123.15	124.16	124.46	124.16	124.69	125.03	123.71
AR-13	134.07				131.32	131.29	131.81	131.92	132.39	131.75	134.87	131.65
AR-14	130.89		128.54		128.27	128.33	128.97	128.82	128.85	128.71	131.56	128.42
AR-15	137.74		136.64		136.55	136.35	136.18	136.56	136.64	136.60	138.00	136.38
AR-16DP(A)	130.55				129.92	129.92	130.56	130.70	130.02	130.47	130.63	129.92
AR-16SH(B)	129.82				129.46	129.45	130.07	130.25	129.59	130.11	130.06	129.59
AR-17DP(B)	132.29				131.36	130.92	131.83	131.83	131.51	131.62	132.54	131.09
AR-17SH(A)	131.68				131.01	130.67	131.45	131.42	131.16	131.21	131.96	130.85
AR-18	141.55	137.75	137.55		136.35	136.34	137.06	137.03	137.51	136.82	139.63	136.81
AR-19DP(B)PZ	141.89	138.70	138.68		138.02	137.37	138.08	138.11	138.42	137.54	140.38	137.93
AR-19SH(A)PZ	143.37	135.65	136.47		136.01	135.26	136.21	136.28	136.65	135.62	138.30	135.92
AR-20	130.93	129.46	129.30		128.84	128.60	129.45	129.29	129.19	129.42	130.99	129.12
AR-20A	135.81	134.45	134.29		133.27	133.05	133.73	133.84	134.09	133.57	135.41	132.71
AR-21	131.71	129.41	129.14	129.02	128.77	128.52	129.47	129.25	129.32	129.43	131.02	128.88
AR-21A	132.70	129.52	128.69	128.43	138.31	128.04	129.23	129.21	129.67	129.46	131.20	128.36
AR-21B	138.49	136.39	136.30	136.13	135.59	135.22	135.08	135.77	136.38	135.26	137.99	135.28
AR-22	131.87		114.15		114.85	117.56	121.56	120.62	123.22	122.99	125.69	121.20
AR-23	137.87		136.22		135.13	134.70	135.44	135.51	135.51	135.09	137.26	134.45
AR-23A	138.16		136.33		135.22	134.79	135.54	135.59	135.58	135.19	137.36	134.48
AR-23B	138.24		136.10		135.02	134.61	135.66	135.69	135.66	135.55	137.47	134.66
AR-25B										135.99	138.85	136.56
AR-25D										138.99	142.27	139.61
AR-25S										139.11	142.34	139.57
B-1	142.68	140.25	138.93		138.07	137.61	138.17	138.23	138.47	137.73	140.51	138.12
B-2	142.36	140.17	140.24		139.90	139.47	139.98	140.00	140.32	139.58	141.98	
B-3	140.07	138.18	138.24		138.01	137.77	137.99	138.15	138.58	137.73	140.04	137.52
B-4	142.56	139.88	139.83		139.49	138.82	139.24	139.34	139.62	138.79	141.42	139.72
B-5												
B-6	129.24			125.52	124.20	126.13	125.67	125.15	126.02	126.52	130.68	127.26
B-7	127.11				123.45	124.97	124.94	124.08	123.74		131.15	125.69

LOCATION	September 1984	March and April 1985 Mar 29	Apr 3	Apr 12-16	June 1985	September 1985	December 1985	March 1986	June 1986	December 1986	June 1987	DECEMBER 1987
B-8												
B-9												
B-10	142.50		139.87		139.25	138.80	139.03	139.14	139.54	138.68	141.55	139.11
BD-1	142.90	140.00	139.78		138.53	138.00	138.74	138.74	139.21	138.30	143.00	138.65
BD-2	142.93	140.03	139.83		138.64	138.30	138.74	138.72	139.33	138.40	141.45	138.71
BD-4								138.78	139.38	138.42	141.59	138.86
BL-1	141.13	138.47	138.08		136.88	136.63	137.29	137.23	137.33	136.75	139.54	136.76
BSL-1	143.99		140.99		139.99	139.81	140.32	140.18	140.35	139.74	142.85	140.00
CLF-1	128.12		126.30		125.96	126.23	126.78	126.61	126.59	126.59	128.91	126.37
CLF-2P1(C)	125.56		125.51		124.70	124.70	125.41	125.85	124.89	125.95	126.28	125.12
CLF-2P2(B)	125.39		125.00		124.39	124.35	125.04	126.38	124.81	125.47	126.11	124.84
CLF-2P3(A)	124.07		124.19		123.62	123.70	123.70	124.38	123.68	124.45	124.40	123.76
CLF-3P1(A)	122.18		125.24		123.12	122.89	125.34	125.35	123.08	125.76	124.26	124.86
CLF-3P2(B)	124.30		124.84		123.28	124.24	124.77	127.96	124.09	124.01	124.99	124.56
CLF-3P3(C)	124.76		124.86		124.24	124.51	124.81	128.02	124.34	125.15	125.14	124.51
EL-3	142.57	139.40	139.27		138.73	138.14	138.69	128.16	139.05	138.22	140.89	138.57
ELF-OBS	139.97	134.75	134.72		135.67	135.58	135.47	136.20	135.23	135.35	139.12	134.84
G-1	144.13				140.74	140.15	140.44	140.61	141.18	140.14	143.77	140.86
G-2	140.52	138.15	138.08		137.34	137.10	136.95	137.49	137.89	136.93	139.84	137.18
G-3	142.75				139.04	138.61	138.75	138.96	139.48	138.52	141.60	138.93
G-4												
J-1P												
J-2P	126.01				123.45	124.44	124.86	124.02	123.73	125.06	127.34	126.30
J-3P	125.71				122.67	124.12	124.60	123.38	122.93	123.92	127.47	125.21
LF-1	135.67				138.25	137.89	137.97	138.39	138.70	137.78	140.74	138.01
LF-2	139.68		137.74		136.79	135.96	136.60	136.71	137.14	136.39	139.06	134.78
LF-3	143.35		141.11		140.64	140.20	140.44	139.45	140.84	140.11	142.69	140.35
LF-4	140.15	137.81	137.76		138.14	136.11	136.47	137.00	137.44	136.33	139.29	135.99
LF-5	140.52	137.13	137.92		137.00	136.87	136.61	137.39	137.46	136.53	139.60	136.68
LF-5A	140.49	137.88	137.84		137.12	136.48	136.66	137.43	137.52	136.64	139.67	136.82
LF-5B	140.53	138.14	137.94		137.22	137.03	136.81	137.51	137.65	136.78	139.74	136.95
LF-5C	140.46	138.06	137.98		137.24	137.02	136.82	137.54	137.65	136.78	139.70	137.10
LF-6N	134.33	131.91	131.63		131.54	131.07	131.83	131.97	132.03	131.87	133.81	131.11
LF-6C	137.64	134.85	134.70		134.37	134.22	134.51	134.91	134.98	134.47	137.17	133.96
LF-6S	139.92	137.00	136.93		136.29	136.19	135.74	136.77	136.86	136.29	139.17	135.83
LF-7	141.10			138.28	137.67	137.36	137.46	137.85	138.18	137.17	140.23	137.38
LF-8	140.97			137.72	137.64	137.30	137.37	137.69	138.18	137.14	140.11	137.39
NL-1	139.38	137.19	137.08		136.10	136.21	136.47	136.56	136.50	136.11	138.44	135.30
NL-2					137.40	136.63	137.43	137.64	137.61	137.15	139.44	136.97
PT-1	126.94				122.30	123.62	123.83	123.34	123.33	124.81	128.73	125.48
PT-2	127.32				<123.58	124.71	124.70	123.80	124.05	125.20	129.06	125.73
PT-3	127.17				123.75	125.01	124.95	124.25	124.50	125.44	128.74	125.75
PT-4	125.70				122.65	124.20	124.41	123.22	122.91	124.64	127.57	125.23
PT-5	126.16				122.76	123.60	124.81	123.66	122.77	124.64	128.21	125.30
PT-9	125.84				124.72	125.17	124.55	125.11	124.81	134.65	126.41	125.34
PT-10	125.66				124.54	125.16	125.91	124.95	124.80		126.08	125.08
PT-11	125.28				124.73	124.98	125.13	125.05	124.67	125.65	125.43	124.94
PT-12	142.08				141.06	140.47	140.96	141.23	141.00	140.48	142.83	141.24
R-1	130.80			127.61	127.08	127.71	128.01	127.94	128.60	128.46	132.41	129.76
R-2	128.22			123.93	123.38	124.55	124.66	124.59	124.98	125.47	130.69	129.42
R-2A	126.13			121.74	120.93	121.21	122.45	122.42	123.11	123.39	129.09	129.26
R-3	130.14			126.86	126.04	126.96	127.14	126.93	127.63	127.63	131.51	129.00
R-4	135.10			132.70	132.29	132.38	132.75	132.83	133.30	132.91	136.31	132.36

LOCATION	September 1984	March and April 1985 Mar 29	Apr 3	Apr 12-16	June 1985	September 1985	December 1985	March 1986	June 1986	December 1986	June 1987	DECEMBER 1987
R-4A				134.17	133.80	133.76	134.01	134.08	134.37	134.09	135.71	134.02
R-5	130.37			126.54	125.72	126.65	126.87	126.67	127.34	127.52	132.32	129.33
SL-5	142.77				<141.29	138.98		139.00	139.53	138.60	141.68	138.99
SL-9	142.69		139.82		139.02	138.58		138.92	139.46	138.47	141.59	138.90
TCA-1	142.28		139.39		138.01	137.70		138.32	138.67	137.92	140.90	138.15
TF-1	141.20	138.74			137.78	137.42	137.30	138.00	138.31	137.56		
TF-2	141.21	138.78			137.76	137.43	137.32	138.00	138.36	137.74	140.41	137.93
TW-1-78												
TW-2-78	140.71			139.26	139.08	138.81	138.91	138.98	139.32	138.65	141.21	139.02
UNA-1	130.03			126.70	125.94	126.81	126.99	126.77	127.46	127.50	131.40	128.85
UNA-2	132.06			129.66	129.12	129.49	129.85	129.83	130.38	129.92	133.10	130.45
UNA-3	134.13			132.32	131.93	132.02	132.29	132.36	132.81	132.30	134.83	130.87
UNA-5	137.94				136.78	137.02	136.75	136.90		136.64	139.16	135.77
WLF-OBS	139.36	137.19	137.20		136.72	136.27	136.64	136.69	137.04	136.42	138.90	131.51
WRG-1-DW	136.52				134.49	134.41	134.67	134.75	135.14	134.55	137.12	124.86
WRG-2-CW	136.71				134.44	134.31	134.60	134.73	135.17	134.46	137.37	132.87
73-3	127.70			126.69	124.22	124.44	125.04	124.96	125.63	125.39		126.43
73-4	136.19				134.11	134.07	134.30	134.32	134.77	134.24	136.89	131.21
73-5										136.69		
73-6	132.31			134.20	129.26	129.14	129.64	129.68	130.22	129.87	133.66	130.26
73-7	131.64				127.68	128.00	128.39	128.28	128.73	128.56	133.76	129.32
73-8							127.79	127.77		127.78	130.16	
77-1					123.95	124.42	124.95	124.93	125.53	125.67		128.41
77-2	131.06				125.89	126.28	126.74	126.52	127.05	126.98	131.61	128.05
77-3					128.64	128.84	129.15	129.16	129.62	129.36	132.25	130.06
78-1												
78-3	130.97				126.00	126.37	126.82	126.60	127.14	127.05	131.59	128.10
9-78	128.43				125.67	126.10	126.39	126.14	126.31	126.76	129.15	126.88
NLBR			131.43		130.63	130.19	130.73	131.02	131.25	130.71	133.76	131.01
NLGP						116.18	118.11	119.40	128.19	128.49	130.80	137.07
WLF			136.77		136.35	135.65	135.99	136.34	136.80	136.16	138.84	119.69
ELF			97.63		132.28	135.47	130.58	136.70	121.53	131.16	139.32	123.00
RLF			111.84		112.21	113.18	117.14	114.77	117.69	116.77	119.77	111.89
SLGP					128.82	127.36	129.43	133.62	130.52	128.83	131.79	128.68
SLBR			130.20		130.04	129.22	130.02	130.38	130.64	129.87	132.15	130.60
BARCAD WELLS										ELEV.		
AR-18B	140.55	131.53	131.49		130.78							
AR-19B	171.68	136.77	137.95		134.73							
LF-7B-SH	140.63			137.90	137.62		137.34	137.74	138.10	137.06	140.17	137.38
LF-7B-DP	139.99			137.10	137.19		137.95	137.21	137.32	136.75	139.66	136.47
LF-8B	139.22			135.54	134.80		135.57	134.90	135.39	135.43	139.09	135.78
R-3B1	130.00				126.01	126.91				127.77		
B6-B4										123.39	126.49	125.41
SURFACE WATER ELEVATIONS												
Assabet River at Rt. 62			126.94				128.27	128.62	127.73	127.89	127.81	127.80
Sinking Pond		143.27	143.53	143.70	143.41	142.83	142.40	143.99	143.67	143.91	144.72	144.63
Muskrat Pond								127.15	127.64	127.62	131.45	128.59
Turtle Pond								125.90	126.67	127.71	131.45	128.57

LOCATION	September 1984	March and April 1985 Mar 29	Apr 3	Apr 12-16	June 1985	September 1985	December 1985	March 1986	June 1986	December 1986	June 1987	DECEMBER 1987
Ft. Pond Brk								128.34	127.36	128.17	127.46	127.61
DARAMIC OIL RECOVERY WELLS												
D-1										137.57		138.24 *
D-2										137.72		138.38 *
D-3										137.69		138.25 *
D-4										137.43		137.98 *
D-5										137.73		138.29 *
D-6										137.92		138.52 *
D-7										137.56		
D-8										137.79		138.40 *
D-9										138.24		138.74 *
D-10										138.10		138.64 *
D-11										137.66		138.20 *
D-12										137.60		138.12 *
D-13										137.49		137.96 *
D-14										137.59		138.07 *
RECOVERY WELL										133.34		135.00 *
TF-1										137.36		134.71 *
TF-2										137.42		137.90 *

NOTE--ALL ELEVATIONS REFER TO USGS DATUM
* SAMPLES TAKEN BY GROUNDWATER TECHNOLOGY INC. ON DECEMBER 3, 1987


N
HOSMER ST.
COLES BROOK
SCHOOL ST.
BROOK
CHRISTOFFERSON WELL
SW-42
PS-1a
PS-2
OW-8
OW-C
OW-B
OW-A
SCRIBNER WELL
OW-E
OW-D
PS-3
PS-4
PS-5
PS-6
PS-7
PS-8
PS-9
PS-10
PS-11
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PS-26
PS-27
PS-28
PS-29
PS-30
PS-31
PS-32
PS-33
PS-34
SW-40
SW-41
LB-1
FP-5
FP-4
FP-3
FP-2
CDM GAUGE
POND
FORT
SETTLING
OFFICE
MAKE-UP POND
BLOCK PLANT
LAWSBROOK ROAD
LAWSBROOK WELL
OW-F
G.PARKER
McGRATH
MELISI
TEABO (ROCK)
DUCK POND
LIME PIT
ACTON
CONCORD
GUBBINS
WENTWORTH
MACWILLIAMS
R. PARKER
A.PARKER
NEW NMGP WELL
ACTUAL AREA OF INFLUENCE
PLANNED AREA OF INFLUENCE
JUNE 1984 — FINAL REPORT ON A.R.
NLBR
NLGP
SLBR
SLGP
WLF
ELF
RLF
WRG-3
RP-1
KNOX TRAIL
HIGH STREET
ROUTE 62
ASSABET RIVER
LEGEND
Single-level Well (CDM)
Multi-level Well (CDM)
Single-level Well (by others)
Multi-level Well (by others)
Single-level Well
Stream Sampling Station
Stream Gauge
Private Well
PS Pine and Swallow
OW AWD Observation Well
Scale(Approx.)
0 50 100 200 400 600
W.R.Grace & Company Polyfibron Division
Aquifer Restoration Study
Level Round
December,1987
CAMP DRESSER & McKEE INC.
One Center Plaza
Boston, Massachusetts 02108
CDM
environmental engineers, scientists, planners, & management consultants
BASE MAP FROM ACTON SURVEY & ENGINEERING INC. (SUPPLEMENTED IN NORTHEAST PORTIONS WITH INFORMATION FROM RECONNAISSANCE CONTAMINANT HYDROLOGY, SOUTHERN LAWSBROOK AQUIFER, ACTON, MASSACHUSETTS—PINE AND SWALLOW ASSOCIATES)

Site: W.R. Grace
Break: 7.6
Other:

GRACE

James F. Murphy, Jr.
Assistant Vice President
Polyfibron Division

W. R. Grace & Co.
55 Hayden Avenue
Lexington, Mass. 02173

(617) 861-6600

February 22, 1988

Murphy

Mr. Merrill S. Hohman, Director
Waste Management Division
U.S. EPA (HAA-1903)
J.F.K. Federal Building
Boston, MA 02203

Mr. Barry P. Fogel, Esquire
Regional Environmental Engineer
Department of Environmental Quality Engineering
Central Region
75 Grove Street
Worcester, MA 01605

Dear Messrs. Hohman and Fogel:

Attached is the Tenth Progress Report on the Aquifer Restoration System Operation.

Please call if you have any questions or wish to discuss the report further.

Sincerely,

James F. Murphy, Jr.

James F. Murphy, Jr.
Assistant Vice President

JFM/kmb

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FEB 23 88

WASTE MANAGEMENT DIVISION