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COMPREHENSIVE MONITORING PROGRAM

Contract Number DAAA15-87-0095

AIR QUALITY DATA ASSESSMENT REPORT FOR 1989

FINAL REPORT

JUNE 1990

Version 2.1

Volume V

Prepared by:

R. L. STOLLAR & ASSOCIATES INC.
HARDING LAWSON ASSOCIATES
EBASCO SERVICES INC.
DATACHEM, INC.
MIDWEST RESEARCH INSTITUTE

Prepared for:

U. S. ARMY PROGRAM MANAGER FOR
ROCKY MOUNTAIN ARSENAL

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13. ABSTRACT (Maximum 200 words)

THE PURPOSE OF THE AIR ELEMENT OF THE COMPREHENSIVE MONITORING PROGRAM IS TO ESTABLISH AN ON-GOING BASELINE TO 1) VERIFY AMBIENT AIR QUALITY AND 2) EVALUATE PROGRESS MADE IN REMEDIAL ACTIONS. THE PROGRAM CONSISTS OF THREE MODES OF OPERATION:

1. YEAR-ROUND AND ROUTINE SEASONAL BASELINE MONITORING OF PM-10, VOC, SVOC, TSP, OTSP, ASBEST, AND METALS
2. "HIGH EVENT" MONITORING DURING SPECIFIED METEOROLOGICAL CONDITIONS
3. SUPPLEMENTAL MONITORING FOR REMEDIAL AND CONSTRUCTION ACTIVITIES.

THIS REPORT IS DIVIDED INTO THE FOLLOWING SECTIONS:

1. INTRODUCTION - BACKGROUND, POTENTIAL SOURCES
2. LOCAL AIR QUALITY AND METEOROLOGICAL CHARACTERISTICS
3. PROGRAM METHODOLOGY - SITING CRITERIA, MONITORING LOCATIONS
4. RESULTS OF THE FY89 PROGRAM
5. CONTINUOUS AIR MONITORING PROGRAM

14. SUBJECT TERMS
CONTAMINANT SOURCES, HEALTH AND SAFETY, METEOROLOGY

PAGES

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19. SECURITY CLASSIFICATION OF ABSTRACT

20. LIMITATION OF ABSTRACT

APPENDIX O

IRA-F *Total Suspended Particulates* (TSP) Data

TOTAL SUSPENDED PARTICULATES (TSP) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	TSP CONC UG/M3	NET WEIGHT MG
05/10/89	FC1	18361	1633	42.23	68.95
05/22/89	FC1	18371	1627	47.01	76.5
08/14/89	FC1	18434	1638	43.07	70.55
08/26/89	FC1	22706	1641	47.94	78.7
09/07/89	FC1	22717	1074	104.8	112.5
09/19/89	FC1	22724	1603	33.72	54.05

TOTAL SUSPENDED PARTICULATES (TSP) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	TSP CONC UG/M3	NET WEIGHT MG
05/10/89	FC2	18362	1628	37.21	60.6
05/22/89	FC2	18372	1632	49.58	80.9
06/03/89	FC2	18381	1639	11.63	19.05
06/15/89	FC2	18391	1641	37.85	62.1
06/27/89	FC2	18401	1647	34.91	57.5
07/09/89	FC2	18411	1621	32.59	52.85
07/21/89	FC2	18421	1623	89.01	144.5
08/14/89	FC2	18435	1622	40.1	65.05
08/26/89	FC2	22707	1636	43.82	71.7
09/07/89	FC2	22718	1633	66.67	108.85
09/19/89	FC2	22725	1633	30.31	49.5

TOTAL SUSPENDED PARTICULATES (TSP) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	TSP CONC UG/M3	NET WEIGHT MG
05/10/89	FC2D	18363	1647	37.99	62.55
05/22/89	FC2D	18373	1635	49.97	81.7
06/03/89	FC2D	18389	1637	12.89	21.1
06/15/89	FC2D	18392	1634	39.31	64.25
06/27/89	FC2D	18402	1653	37.3	61.65
07/09/89	FC2D	18412	1663	36.71	61.05
07/21/89	FC2D	18422	1665	96.35	160.45
08/14/89	FC2D	18436	1660	39.68	65.85
08/26/89	FC2D	22708	1609	45.45	73.1
09/07/89	FC2D	22719	1617	69.72	112.7
09/19/89	FC2D	22726	1611	29.87	48.1

TOTAL SUSPENDED PARTICULATES (TSP) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	TSP CONC UG/M3	NET WEIGHT MG
05/10/89	BF3	18365	1605	36.72	58.95
05/22/89	BF3	18375	1601	48.06	76.95
06/03/89	BF3	18383	1627	21.48	34.95
06/15/89	BF3	18393	1348	49.56	66.8
06/27/89	FC3	18403	1665	37.51	62.45
07/09/89	FC3	18413	1658	37.06	61.45
07/21/89	FC3	18423	1659	93.71	155.45
08/14/89	FC3	18437	1403	51.35	72.05
08/26/89	FC3	22709	1618	44.05	71.25
09/07/89	FC3	22720	1616	68.68	111
09/19/89	FC3	22727	1694	28.42	48.15

TOTAL SUSPENDED PARTICULATES (TSP) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	TSP CONC UG/M3	NET WEIGHT MG
05/10/89	BF4	18366	1456	41.54	60.5
05/22/89	BF4	18376	1451	51.15	74.25
06/03/89	BF4	18384	1455	13.23	19.25
06/15/89	FC4	18394	1674	40.34	67.55
06/27/89	FC4	18404	1686	38.71	65.25
07/09/89	FC4	18414	1682	37.48	63.05
07/21/89	FC4	18424	1684	103.39	174.15
08/02/89	FC4	18431	1171	39.52	46.3
08/14/89	FC4	18438	1683	40.88	68.8
08/26/89	FC4	22710	1667	47.16	78.6
09/07/89	FC4	22721	1662	70.23	116.75
09/19/89	FC4	22728	1646	30.66	50.45

TOTAL SUSPENDED PARTICULATES (TSP) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	TSP CONC UG/M3	NET WEIGHT MG
06/15/89	FC5	18395	1681	46.3	77.85
06/27/89	FC5	18405	1683	45.91	77.25
07/09/89	FC5	18415	1681	47.61	80.05
07/21/89	FC5	18425	1669	87.08	145.3
08/14/89	FC5	18439	1683	51.41	86.5
08/26/89	FC5	22711	1639	68.34	112
09/07/89	FC5	22722	1638	76.18	124.8
09/19/89	FC5	22729	1637	31.21	51.1

TOTAL SUSPENDED PARTICULATES (TSP) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	TSP CONC UG/M3	NET WEIGHT MG
05/10/89	BF5	18367	1617	36.24	58.6
05/22/89	BF5	18377	1617	45.58	73.7
06/03/89	BF5	18385	1618	10.85	17.55
06/15/89	BF5	18396	1672	36.58	61.15
06/27/89	BF5	18406	1674	43.55	72.9

TOTAL SUSPENDED PARTICULATES (TSP) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	TSP CONC UG/M3	NET WEIGHT MG
05/10/89	BF7	18368	1676	36.54	61.25
05/22/89	BF7	18378	1671	44.53	74.4
06/03/89	BF7	18386	1680	12.59	21.15
06/15/89	BF7	18397	1676	39.35	65.95
06/27/89	BF7	18407	1674	38.88	65.1

TOTAL SUSPENDED PARTICULATES (TSP) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	TSP CONC UG/M3	NET WEIGHT MG
05/10/89	RIFS1	18369	1612	50.23	80.95
05/22/89	RIFS1	18379	1588	51.81	82.3
06/03/89	RIFS1	18387	1622	12.11	19.65
06/15/89	RIFS1	18398	1602	40.69	65.2
06/27/89	RIFS1	18408	1587	42.05	66.75

TOTAL SUSPENDED PARTICULATES (TSP) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	TSP CONC UG/M3	NET WEIGHT MG
06/03/89	FC2F	18388			0.2
06/15/89	FC2F	18399			0.15
06/27/89	FC2F	18409			0
07/09/89	FC2F	18416			-0.45
07/21/89	FC2F	18426			0
08/02/89	FC2F	18433			
08/14/89	FC2F	18440			0.35
08/26/89	FC2F	22712			-0.5
09/07/89	FC2F	22723			0.75
09/19/89	FC2F	22730			0.1

APPENDIX P

IRA-F Respirable Particulates of Less Than 10 Microns (PM-10) Data

RESPIRABLE PARTICULATES OF LESS THAN 10 MICRONS (PM-10) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	CONC UG/M3	NET WEIGHT MG
06/27/89	FC1	21901	1583	17.53	27.75
07/21/89	FC1	21905	1586	34.8	55.2
08/14/89	FC1				
08/26/89	FC1	21915	1369	18.45	25.25
09/07/89	FC1	21917	1898	26.53	50.35
09/19/89	FC1	21919	1369	16.43	22.5

RESPIRABLE PARTICULATES OF LESS THAN 10 MICRONS (PM-10) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	CONC UG/M3	NET WEIGHT MG
06/27/89	FC3	21902	1366	16.26	22.2
07/09/89	FC3	21904	1360	17.13	23.3
07/21/89	FC3	21906	1360	35.65	48.5
08/14/89	FC3	21909	1369	17.79	24.35
08/26/89	FC3	21916	1412	18.49	26.1
09/07/89	FC3	21918	1408	30.64	43.15
09/19/89	FC3	21920	1406	15.29	21.5

APPENDIX Q

IRA-F Arsenic, Metals, and Mercury Data

SUMMARY OF ARSENIC AND METALS IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ARSENIC RESULTS	CADMIUM RESULTS	CHROMIUM RESULTS	COPPER RESULTS	LEAD RESULTS	ZINC RESULTS
05/10/89	18361	FC1	0.0006	0.0004	LT 0.0051	0.0772	0.0489	0.0213
05/10/89	18362	FC2	0.0005	LT 0.0004	LT 0.0051	0.0269	0.0493	0.0183
05/10/89	18363	FC2D	0.0005	0.0004	LT 0.0051	0.1180	0.0502	0.0210
05/10/89	18365	BF3	0.0006	LT 0.0004	LT 0.0051	0.1200	0.0475	0.0216
05/10/89	18366	BF4	0.0005	LT 0.0004	LT 0.0051	0.1330	0.0482	0.0218
05/10/89	18367	BF5	0.0005	LT 0.0004	LT 0.0051	0.0736	0.0471	0.0218
05/10/89	18368	BF7	0.0006	0.0006	LT 0.0051	0.1530	0.0411	0.0216
05/10/89	18369	RIFS1	0.0005	0.0005	LT 0.0051	0.2360	0.0401	0.0319
05/22/89	18371	FC1	0.0006	0.0033	LT 0.0051	0.1910	0.0187	0.0272
05/22/89	18372	FC2	0.0006	0.0043	LT 0.0051	0.1610	0.0268	0.0268
05/22/89	18373	FC2D	0.0004	0.0029	LT 0.0051	0.2290	0.0176	0.0280
05/22/89	18375	BF3	0.0005	0.0033	LT 0.0051	0.1370	0.0179	0.0275
05/22/89	18376	BF4	0.0005	0.0040	LT 0.0051	0.1330	0.0208	0.0236
05/22/89	18377	BF5	0.0005	0.0021	LT 0.0051	0.1180	0.0173	0.0233
05/22/89	18378	BF7	0.0006	0.0013	LT 0.0051	0.1940	0.0136	0.0285
05/22/89	18379	RIFS1	0.0006	0.0021	LT 0.0051	0.1030	0.0219	0.0409
06/3/89	18381	FC2	LT 0.0004	LT 0.0004	LT 0.0051	0.0659	LT 0.0050	0.0094
06/3/89	18383	BF3	LT 0.0004	LT 0.0004	LT 0.0051	0.0922	LT 0.0050	0.0076
06/3/89	18384	BF4	LT 0.0004	LT 0.0004	LT 0.0051	0.0838	LT 0.0050	0.0069
06/3/89	18385	BF5	LT 0.0004	LT 0.0004	LT 0.0051	0.0643	LT 0.0050	0.0393
06/3/89	18386	BF7	LT 0.0004	LT 0.0004	LT 0.0051	0.1150	LT 0.0050	0.0062
06/3/89	18387	RIFS1	LT 0.0004	LT 0.0004	LT 0.0051	0.0611	LT 0.0050	0.0105
06/3/89	18389	FC2D	LT 0.0004	LT 0.0004	LT 0.0051	0.0770	LT 0.0050	0.0095
06/15/89	18391	FC2	LT 0.0004	0.0011	LT 0.0051	0.1220	0.0110	0.0134
06/15/89	18392	FC2D	LT 0.0004	0.0010	LT 0.0051	0.1920	0.0091	0.0186
06/15/89	18393	BF3	LT 0.0004	0.0009	LT 0.0051	0.1420	0.0153	0.0280
06/15/89	18394	FC4	LT 0.0004	0.0007	LT 0.0051	0.1310	0.0109	0.0208
06/15/89	18395	FC5	LT 0.0004	0.0007	LT 0.0051	0.1640	0.0095	0.0196
06/15/89	18396	BF5	LT 0.0004	0.0004	LT 0.0051	0.1750	0.0082	0.0178
06/15/89	18397	BF7	LT 0.0004	0.0006	LT 0.0051	0.1770	0.0113	0.0216
06/15/89	18398	RIFS1	LT 0.0004	0.0004	LT 0.0051	0.1640	0.0115	0.0218
06/27/89	18401	FC2	LT 0.0004	LT 0.0004	LT 0.0051	0.0953	0.0119	0.0185
06/27/89	18402	FC2D	LT 0.0004	LT 0.0004	LT 0.0051	0.1690	0.0140	0.0185
06/27/89	18403	FC3	LT 0.0004	LT 0.0004	LT 0.0051	0.0323	0.0126	0.0234
06/27/89	18404	FC4	0.0004	LT 0.0004	LT 0.0051	0.1080	0.0142	0.0255
06/27/89	18405	FC5	0.0004	LT 0.0004	LT 0.0051	0.2160	0.0141	0.0292
06/27/89	18406	BF5	LT 0.0004	LT 0.0004	LT 0.0051	0.1430	0.0130	0.0228
06/27/89	18407	BF7	LT 0.0004	LT 0.0004	LT 0.0051	0.0938	0.0137	0.0205
06/27/89	18408	RIFS1	LT 0.0004	LT 0.0004	LT 0.0051	0.1170	0.0156	0.0465
07/9/89	18411	FC2	LT 0.0004	LT 0.0004	LT 0.0051	0.1520	0.0067	0.0200
07/9/89	18412	FC2D	LT 0.0004	LT 0.0004	LT 0.0051	GT 0.3070	LT 0.0050	0.0232
07/9/89	18413	FC3	0.0004	LT 0.0004	LT 0.0051	0.1210	0.0053	0.0127
07/9/89	18414	FC4	0.0004	LT 0.0004	LT 0.0051	0.1490	0.0071	0.0178
07/9/89	18415	FC5	LT 0.0004	LT 0.0004	LT 0.0051	0.2090	0.0064	0.0350
07/21/89	18421	FC2	0.0005	LT 0.0004	LT 0.0051	0.0746	0.0050	0.0140
07/21/89	18422	FC2D	0.0004	LT 0.0004	LT 0.0051	0.1150	0.0089	0.0178
07/21/89	18423	FC3	0.0004	LT 0.0004	LT 0.0051	0.0675	0.0069	0.0204
07/21/89	18424	FC4	0.0005	LT 0.0004	LT 0.0051	0.0588	0.0085	0.0179
07/21/89	18425	FC5	LT 0.0004	LT 0.0004	LT 0.0051	0.0983	0.0091	0.0272
08/14/89	18434	FC1	LT 0.0004	LT 0.0004	LT 0.0051	0.1620	0.0090	0.0165
08/14/89	18435	FC2	LT 0.0004	LT 0.0004	LT 0.0051	0.0709	0.0083	0.0213

SUMMARY OF ARSENIC AND METALS IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ARSENIC RESULTS	CADMIUM RESULTS	CHROMIUM RESULTS	COPPER RESULTS	LEAD RESULTS	ZINC RESULTS
08/14/89	18436	FC2D	LT 0.0004	LT 0.0004	LT 0.0051	0.0563	0.0068	0.0196
08/14/89	18437	FC3	LT 0.0004	LT 0.0004	LT 0.0051	0.1030	0.0095	0.0217
08/14/89	18438	FC4	LT 0.0004	LT 0.0004	LT 0.0051	0.0796	0.0063	0.0168
08/14/89	18439	FC5	LT 0.0004	LT 0.0004	LT 0.0051	0.0707	0.0071	0.0176

'UMMARY OF MERCURY FOR IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	MERCURY RESULTS
05/10/89	20157	FC1	LT 0.6180
05/10/89	20160	FC2	LT 0.6180
05/10/89	20163	FC2D	LT 0.6180
05/10/89	20169	BF3	LT 0.6180
05/10/89	20172	BF4	LT 0.6180
05/10/89	20175	BF5	LT 0.6180
05/10/89	20178	BF7	LT 0.6180
05/10/89	20181	RIFS1	LT 0.6180
05/16/89	23001	FC1	LT 0.6180
05/16/89	23004	FC2	LT 0.6180
05/16/89	23007	BF3	LT 0.6180
05/16/89	23010	BF4	LT 0.6180
05/16/89	23013	BF5	LT 0.6180
05/16/89	23016	BF7	LT 0.6180
05/16/89	23019	RIFS1	LT 0.6180
05/22/89	23025	FC1	LT 0.6180
05/22/89	23028	FC2	LT 0.6180
05/22/89	23031	FC2D	LT 0.6180
05/22/89	23037	BF3	LT 0.6180
05/22/89	23040	BF4	LT 0.6180
05/22/89	23043	BF5	LT 0.6180
05/22/89	23046	BF7	LT 0.6180
05/22/89	23049	RIFS1	LT 0.6180
05/28/89	23052	FC1	LT 0.6180
05/28/89	23055	FC2	LT 0.6180
05/28/89	23058	BF3	LT 0.6180
05/28/89	23061	BF4	LT 0.6180
05/28/89	23064	BF5	LT 0.6180
05/28/89	23067	BF7	LT 0.6180
05/28/89	23070	RIFS1	LT 0.6180
06/3/89	23079	FC2	LT 0.6180
06/3/89	23082	FC2D	LT 0.6180
06/3/89	23085	BF3	LT 0.6180
06/3/89	23088	BF4	LT 0.6180
06/3/89	23091	BF5	LT 0.6180
06/3/89	23094	BF7	LT 0.6180
06/3/89	23097	RIFS1	LT 0.6180
06/9/89	23103	FC1	LT 0.6180
06/9/89	23106	FC2	LT 0.6180
06/9/89	23109	BF3	LT 0.6180
06/9/89	23112	BF4	LT 0.6180
06/9/89	23115	BF5	LT 0.6180
06/9/89	23118	BF7	LT 0.6180
06/9/89	23121	RIFS1	LT 0.6180
06/15/89	23127	FC2	LT 0.6180
06/15/89	23130	FC2D	LT 0.6180
06/15/89	23133	BF3	LT 0.6180
06/15/89	23136	BF4	LT 0.6180
06/15/89	23139	FC5	LT 0.6180
06/15/89	23142	BF5	LT 0.6180
06/15/89	23145	BF7	LT 0.6180

SUMMARY OF MERCURY FOR IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	MERCURY RESULTS
06/15/89	23148	RIFS1	LT 0.6180
06/21/89	23154	FC1	LT 0.6180
06/21/89	23157	FC2	LT 0.6180
06/21/89	23160	BF3	LT 0.6180
06/21/89	23163	FC4	LT 0.6180
06/21/89	23166	FC5	LT 0.6180
06/21/89	23169	BF5	LT 0.6180
06/21/89	23172	BF7	LT 0.6180
06/21/89	23175	RIFS1	LT 0.6180
06/27/89	23181	FC1	LT 0.6180
06/27/89	23184	FC2	LT 0.6180
06/27/89	23187	FC2D	LT 0.6180
06/27/89	23190	FC3	LT 0.6180
06/27/89	23193	FC4	LT 0.6180
06/27/89	23196	FC5	LT 0.6180
06/27/89	23199	BF5	LT 0.6180
06/27/89	23202	BF7	LT 0.6180
06/27/89	23205	RIFS1	LT 0.6180
07/9/89	23223	FC2	LT 0.6180
07/9/89	23226	FC2D	LT 0.6180
07/9/89	23229	FC3	LT 0.6180
07/9/89	23232	FC4	LT 0.6180
07/9/89	23235	FC5	LT 0.6180
07/21/89	23253	FC1	LT 0.6200
07/21/89	23256	FC2	LT 0.6200
07/21/89	23259	FC2D	LT 0.6200
07/21/89	23262	FC3	LT 0.6200
07/21/89	23265	FC4	LT 0.6200
07/21/89	23268	FC5	LT 0.6200
08/14/89	23301	FC1	LT 0.6180
08/14/89	23304	FC2	LT 0.6180
08/14/89	23307	FC2D	LT 0.6180
08/14/89	23310	FC3	LT 0.6180
08/14/89	23313	FC4	LT 0.6180
08/14/89	23316	FC5	LT 0.6180
08/26/89	23330	FC1	LT 0.6180
08/26/89	23331	FC2	LT 0.6180
08/26/89	23332	FC2D	LT 0.6180
08/26/89	23333	FC3	LT 0.6180
08/26/89	23334	FC4	LT 0.6180
08/26/89	23335	FC5	LT 0.6180
09/7/89	23363	FC1	LT 0.6180
09/7/89	23366	FC2	LT 0.6180
09/7/89	23369	FC2D	LT 0.6180
09/7/89	23372	FC3	LT 0.6180
09/7/89	23375	FC4	LT 0.6180
09/7/89	23378	FC5	LT 0.6180
09/19/89	23396	FC1	LT 0.6180
09/19/89	23399	FC2	LT 0.6180
09/19/89	23402	FC2D	LT 0.6180
09/19/89	23405	FC3	LT 0.6180

SUMMARY OF MERCURY FOR IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	MERCURY RESULTS
09/19/89	23408	FC4	LT 0.6180
09/19/89	23411	FC5	LT 0.6180

APPENDIX R

IRA-F Volatile Organic Compounds (VOC) Data

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
05/10/89	20170	20171	BF3	1.1400 a	LT 0.0295	LT 0.0243	0.0320 b	0.2420	LT 0.0417	1.4500	0.4200 a	0.3120 b	0.2080 a	0.0425
05/10/89	20173	20174	BF4	1.5200 a	LT 0.0295	LT 0.0243	0.0613 b	LT 0.0278	LT 0.0417	1.9400 a	0.5080 a	0.4640 b	0.3280 a	LT 0.0330
05/10/89	20176	20177	BF5	0.9860 a	LT 0.0295	LT 0.0243	0.0242 b	0.7750	LT 0.0417	1.6000	0.3900 a	0.3180 b	0.1700 a	0.0517
05/10/89	20179	20180	BF7	2.0000 a	LT 0.0295	LT 0.0243	LT 0.0208	0.6670	LT 0.0417	2.1000 a	0.4950 a	0.7420 a	0.1620 a	0.0673
05/10/89	20158	20159	FC1	1.0800 a	LT 0.0295	LT 0.0243	LT 0.0208	0.4890	LT 0.0417	1.5300 a	0.3060 a	0.4230 b	0.2500 a	0.0723
05/10/89	20161	20162	FC2	1.4500 a	LT 0.0295	LT 0.0243	0.0426 b	0.7090	LT 0.0417	1.8000 a	0.4840 a	0.6230 b	0.5290 a	0.0695
05/10/89	20164	20165	FC2D	1.7700 a	LT 0.0295	LT 0.0243	0.1030	1.0700	LT 0.0417	2.5500	0.6500	0.5280 a	0.6390 a	0.1070
05/10/89	20182	20183	RIFS1	2.1400 a	LT 0.0295	LT 0.0243	LT 0.0208	1.1200	LT 0.0417	2.5700 a	0.5490 a	0.9210 a	0.1980 a	0.0941
05/16/89	23008	23009	BF3	1.7300 a	LT 0.0295	LT 0.0243	LT 0.0208	1.1300	LT 0.0417	1.1800	0.4270 a	1.6600 a	0.0802 a	LT 0.0330
05/16/89	23011	23012	BF4	2.1400 a	LT 0.0295	LT 0.0243	LT 0.0208	1.3000	LT 0.0417	1.4900	0.6520 a	2.6100	0.1050 a	LT 0.0330
05/16/89	23017	23018	BF7	1.3500 a	LT 0.0295	LT 0.0243	LT 0.0208	0.7330	LT 0.0417	0.8690	0.4210 a	0.6990 a	0.0759 a	LT 0.0330
05/16/89	23002	23003	FC1	1.7900 a	LT 0.0295	LT 0.0243	0.0255 b	0.5520	LT 0.0417	1.2200	0.4710 a	1.1700 a	0.0918 a	LT 0.0330
05/16/89	23020	23021	RIFS1	1.5700 a	LT 0.0295	LT 0.0243	0.0235 b	1.0600	LT 0.0417	0.9940	0.4290 a	0.7870 a	0.0809 a	LT 0.0330
05/22/89	23038	23039	BF3	0.8640 a	LT 0.0295	LT 0.0243	LT 0.0208	0.7910	LT 0.0417	1.4000 a	0.2610 a	0.3050 b	LT 0.0208	LT 0.0330
05/22/89	23047	23048	BF7	1.0600 a	LT 0.0295	LT 0.0243	LT 0.0208	0.6230	LT 0.0417	1.2800 a	0.2990 a	0.4370 b	0.0329 b	LT 0.0330
05/22/89	23026	23027	FC1	0.8730 a	LT 0.0295	LT 0.0243	LT 0.0208	0.7720	LT 0.0417	1.3200 a	0.2630 a	0.2130 b	0.0317 b	LT 0.0330
05/22/89	23032	23033	FC2D	1.2400 a	LT 0.0295	LT 0.0243	LT 0.0208	0.7740	LT 0.0417	1.1000 a	0.2410 a	0.1910 b	0.0449 b	LT 0.0330

a - t/c weight 0.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number	Site Id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl Ketone	N-Nitroso-dimethylamine	Trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta- & Para-
05/10/89	20170	20171	BF3	LT 0.0382	LT 0.0451	LT 0.0469	0.1940	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	0.7790	0.0818	0.6820
05/10/89	20173	20174	BF4	LT 0.0382	LT 0.0451	LT 0.0469	LT 0.0295	3.6400	LT 0.0174	LT 0.1020	LT 0.0399	0.5630	0.1140	LT 0.1610
05/10/89	20176	20177	BF5	0.0891	LT 0.0451	LT 0.0469	0.5630	2.7800	LT 0.0174	LT 0.1020	LT 0.0399	1.1600	0.0968	2.3200
05/10/89	20179	20180	BF7	LT 0.0382	LT 0.0451	LT 0.0469	0.5000	2.9300	LT 0.0174	LT 0.1020	LT 0.0399	1.0300	0.0610	1.9700
05/10/89	20158	20159	FC1	0.2810 b	LT 0.0451	LT 0.0469	0.4560	GT 0.3470	0.0485 b	LT 0.1020	LT 0.0399	1.0600	1.5200 a	1.5300
05/10/89	20161	20162	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.5510	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	0.9650	0.1070	1.8300
05/10/89	20164	20165	FC2D	LT 0.0382	LT 0.0451	LT 0.0469	0.8000	4.4000	LT 0.0174	LT 0.1020	LT 0.0399	1.1300	0.1450	3.2000
05/10/89	20182	20183	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.8700	3.4100	LT 0.0174	LT 0.1020	LT 0.0399	1.2700	0.1346	3.1900
05/16/89	23008	23009	BF3	LT 0.0382	LT 0.0451	LT 0.0469	0.8480	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	1.6300	0.0909	2.7600
05/16/89	23011	23012	BF4	LT 0.0382	LT 0.0451	LT 0.0469	1.0100	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	1.8800	0.1040	3.3000
05/16/89	23017	23018	BF7	LT 0.0382	LT 0.0451	LT 0.0469	0.6050	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	1.6000	0.0651	1.9700
05/16/89	23002	23003	FC1	LT 0.0382	LT 0.0451	LT 0.0469	0.4830	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	1.6900	0.1140	1.7600
05/16/89	23020	23021	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.7850	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	1.4000	0.0744	2.3300
05/22/89	23038	23039	BF3	LT 0.0382	LT 0.0451	LT 0.0469	0.5760	2.0500	LT 0.0174	LT 0.1020	LT 0.0399	0.5040	LT 0.0330	2.0900
05/22/89	23047	23048	BF7	LT 0.0382	LT 0.0451	LT 0.0469	0.4020	2.6500	0.0941	LT 0.1020	LT 0.0399	0.4760	LT 0.0330	1.7600
05/22/89	23026	23027	FC1	LT 0.0382	LT 0.0451	LT 0.0469	3.5610	2.0400	LT 0.0174	LT 0.1020	LT 0.0399	0.4377	2.0600 a	2.5000
05/22/89	23032	23033	FC2D	LT 0.0382	LT 0.0451	LT 0.0469	0.1360	2.0700	LT 0.0174	LT 0.1020	LT 0.0399	0.4373	[illegible]	[illegible]

a - t/c weight 1.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
05/22/89	23050	23051	RIFS1	0.9970 a	LT 0.0295	LT 0.0243	LT 0.0208	0.6670	LT 0.0417	1.3900 a	0.2220 a	0.4380 a	0.3030	LT 0.0330
05/28/89	23059	23060	BF3	0.5380 a	LT 0.0295	LT 0.0243	LT 0.0208	0.8300	LT 0.0417	0.9110 a	0.2310 a	0.4340 a	LT 0.0208	LT 0.0330
05/28/89	23062	23063	BF4	0.6680 a	LT 0.0295	LT 0.0243	LT 0.0208	1.0300	LT 0.0417	1.0700 a	0.2900 a	0.4720 a	0.0264 b	LT 0.0330
05/28/89	23065	23066	BF5	0.6060 a	LT 0.0295	LT 0.0243	LT 0.0208	1.1900	LT 0.0417	0.8740 a	0.2300 a	0.4000 a	LT 0.0208	LT 0.0330
05/28/89	23053	23054	FC1	0.7290 a	LT 0.0295	LT 0.0243	LT 0.0208	0.9410	LT 0.0417	1.2700 a	0.2590 a	0.7670 b	0.0467 b	LT 0.0330
05/28/89	23056	23057	FC2	0.5660 a	LT 0.0295	LT 0.0243	LT 0.0208	0.6990	GT 0.3470	0.2550 a	0.2650 a	0.1520 a	LT 0.0208	LT 0.0330
05/28/89	23071	23072	RIFS1	0.7230 a	LT 0.0295	LT 0.0243	LT 0.0208	1.2200	LT 0.0417	1.3100 a	0.2480 a	0.6840 a	0.0388 b	LT 0.0330
06/3/89	23086	23087	BF3	0.7850 a	LT 0.0295	LT 0.0243	0.0719 a	0.1350	LT 0.0417	0.5200 a	0.6390 a	0.2280 a	0.1260 a	LT 0.0330
06/3/89	23092	23093	BF5	0.9430 a	LT 0.0295	LT 0.0243	0.0913 a	0.0861	LT 0.0417	0.6140 a	0.6070 a	0.1970 b	0.1590 b	LT 0.0330
06/3/89	23095	23096	BF7	0.9350 a	LT 0.0295	LT 0.0243	0.0439 b	0.1330	LT 0.0417	0.5940 a	0.4520 a	0.2310 a	0.1180 a	LT 0.0330
06/3/89	23080	23081	FC2	0.7310 a	LT 0.0295	LT 0.0243	0.0404 b	0.1030	LT 0.0417	0.5550 a	0.5020 a	0.2520 a	0.1160 a	LT 0.0330
06/3/89	23083	23084	FC20	0.9790 a	LT 0.0295	LT 0.0243	0.0576	0.1210	LT 0.0417	1.0600 a	0.6910 a	0.3440 a	0.1890 a	LT 0.0330
06/3/89	23098	23099	RIFS1	1.0000 a	LT 0.0295	LT 0.0243	0.0993 a	0.1510	LT 0.0417	0.6520 a	0.5290 a	0.1690 b	0.1430 a	LT 0.0330
06/9/89	23110	23111	BF3	0.8180 a	LT 0.0295	LT 0.0243	0.0412 b	0.4010	LT 0.0417	0.8460 a	0.6960 a	0.1550 b	0.1290 a	LT 0.0330
06/9/89	23113	23114	BF4	0.8750 a	LT 0.0295	LT 0.0243	LT 0.0208	0.3940	LT 0.0417	1.0400 a	0.6930 a	0.1520 b	0.1190 a	LT 0.0330
06/9/89	23116	23117	BF5	0.8510 a	LT 0.0295	LT 0.0243	LT 0.0208	0.3440	LT 0.0417	0.9220 a	0.7710 a	0.1670 b	[illegible] a	LT 0.0330
06/9/89	23119	23120	BF7	1.0300 a	LT 0.0295	LT 0.0243	LT 0.0208	0.3340	LT 0.0417	1.0300 a	0.7330 a	[illegible] b	[illegible] a	LT [illegible]

a - t/c weight 1.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl Ketone	N-Nitroso-dimethylamine	Trans-1, 2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta- & Para-Xylene
05/22/89	23050	23051	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.5190	2.3700	LT 0.0174	LT 0.1020	LT 0.0399	0.7040	LT 0.0330	1.9600
05/28/89	23059	23060	BF3	LT 0.0382	LT 0.0451	LT 0.0469	0.5880	2.7500	LT 0.0174	LT 0.1020	LT 0.0399	0.4500	LT 0.0330	2.0100
05/28/89	23062	23063	BF4	LT 0.0382	LT 0.0451	LT 0.0469	0.7120	3.3100	LT 0.0174	LT 0.1020	LT 0.0399	0.5340	LT 0.0330	[illegible]
05/28/89	23065	23066	BF5	LT 0.0382	LT 0.0451	LT 0.0469	0.7460	3.2500	LT 0.0174	LT 0.1020	LT 0.0399	0.5220	LT 0.0330	[illegible]
05/28/89	23053	23054	FC1	LT 0.0382	LT 0.0451	LT 0.0469	0.6620	3.2400	LT 0.0174	LT 0.1020	LT 0.0399	0.5230	0.1320 b	2.2600
05/28/89	23056	23057	FC2	LT 0.0382	LT 0.0451	LT 0.0469	3.9900	2.5200	LT 0.0174	LT 0.1020	LT 0.0399	0.4200	0.0601 b	1.8500
05/28/89	23071	23072	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.7980	3.5400	LT 0.0174	LT 0.1020	LT 0.0399	0.6460	LT 0.0330	2.6600
06/3/89	23086	23087	BF3	LT 0.0382	LT 0.0451	LT 0.0469	0.1030	0.7890	LT 0.0174	LT 0.1020	LT 0.0399	0.2390	LT 0.0330	[illegible]
06/3/89	23092	23093	BF5	LT 0.0382	LT 0.0451	LT 0.0469	0.0634	0.4400	LT 0.0174	LT 0.1020	LT 0.0399	0.1770	LT 0.0330	[illegible]
06/3/89	23095	23096	BF7	LT 0.0382	LT 0.0451	LT 0.0469	0.0961	0.8210	LT 0.0174	LT 0.1020	LT 0.0399	0.1980	LT 0.0330	[illegible]
06/3/89	23080	23081	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.0789	0.6430	LT 0.0174	LT 0.1020	LT 0.0399	0.1720	LT 0.0330	0.2360
06/3/89	23083	23084	FC2D	LT 0.0382	LT 0.0451	LT 0.0469	0.0862	0.7130	LT 0.0174	LT 0.1020	LT 0.0399	0.1620	LT 0.0330	LT 0.1610
06/3/89	23098	23099	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.1150	0.8960	LT 0.0174	LT 0.1020	LT 0.0399	0.1910	LT 0.0330	[illegible]
06/9/89	23110	23111	BF3	LT 0.0382	LT 0.0451	LT 0.0469	0.2910	1.4200	LT 0.0174	LT 0.1020	LT 0.0399	0.3370	LT 0.0330	[illegible]
06/9/89	23113	23114	BF4	LT 0.0382	LT 0.0451	LT 0.0469	0.3000	1.4300	LT 0.0174	LT 0.1020	LT 0.0399	0.3360	LT 0.0330	[illegible]
06/9/89	23116	23117	BF5	LT 0.0382	LT 0.0451	LT 0.0469	0.2530	1.3300	LT 0.0174	LT 0.1020	LT 0.0399	0.3000	LT 0.0330	[illegible]
06/9/89	23119	23120	BF7	LT 0.0382	LT 0.0451	LT 0.0469	0.2600	1.5700	0.0392 b	LT 0.1020	LT 0.0399	0.3580	LT 0.0330	[illegible]

a - t/c weight).25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Number	Sample	Site id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
06/9/89	23107	23108	FC2	0.7500 a	LT 0.0295	LT 0.0243	LT 0.0208	0.3660	LT 0.0417	0.8910 a	0.6960 a	0.1210 b	0.1380 a	LT 0.0330
06/9/89	23122	23123	RIFS1	0.7580 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5090	LT 0.0417	1.0200 a	0.4610 a	0.1850 b	0.1240 a	LT 0.0330
06/15/89	23134	23135	BF3	1.0700 a	LT 0.0295	LT 0.0243	0.0445 b	0.5020	LT 0.0417	0.9390 a	0.4150 a	0.4220 a	0.0793 b	0.0505
06/15/89	23137	23138	BF4	0.9620 a	LT 0.0295	LT 0.0243	0.0423 b	0.4810	LT 0.0417	0.9620 a	0.3810 a	0.3730 a	0.0873 a	0.0455
06/15/89	23143	23144	BF5	0.8830 a	LT 0.0295	LT 0.0243	0.0414 b	0.4400	LT 0.0417	0.7980 a	0.4030 a	0.3000 b	0.0414 b	0.0510
06/15/89	23146	23147	BF7	1.0600 a	LT 0.0295	LT 0.0243	LT 0.0208	0.6110	LT 0.0417	0.9320 a	0.3110 a	0.3410 b	0.0662 b	0.0650
06/15/89	23128 /	23129	FC2	0.9680 a	LT 0.0295	LT 0.0243	0.0441 b	0.5020	LT 0.0417	0.9810 a	0.3910 a	0.3340 b	0.0801 a	0.0505
06/15/89	23131	23132	FC2D	1.5300	LT 0.0295	LT 0.0243	LT 0.0208	0.3840	LT 0.0417	1.6900 a	0.6840	0.6480 a	0.2680	LT 0.0330
06/15/89	23140	23141	FC5	1.0800 a	LT 0.0295	LT 0.0243	0.0427 b	0.4510	LT 0.0417	0.3910 a	0.4200 a	0.3780 b	0.1530 a	0.0455
06/15/89	23149	23150	RIFS1	1.1500 a	LT 0.0295	LT 0.0243	0.0493 b	0.4810	LT 0.0417	0.9360 a	0.3950 a	0.4130 a	0.1150 a	0.0374
06/21/89	23161	23162	BF3	1.0200 a	LT 0.0295	LT 0.0243	0.0457	0.1030	LT 0.0417	0.6080 a	0.3910 a	0.2100 b	0.1570 a	LT 0.0330
06/21/89	23170	23171	BF5	1.0300 a	LT 0.0295	LT 0.0243	0.0470	0.0565	LT 0.0417	0.5750 a	0.3760 a	0.3550 a	0.1380 a	LT 0.0330
06/21/89	23155	23156	FC1	0.5940 a	LT 0.0295	LT 0.0243	0.0368	0.4690	LT 0.0417	0.5970 a	0.3460 a	0.2040 b	0.1160 a	LT 0.0330
06/21/89	23158	23159	FC2	0.9510 a	LT 0.0295	LT 0.0243	0.0586 a	0.1300	LT 0.0417	0.6950 a	0.4080 a	0.3870 a	0.2490 a	LT 0.0330
06/21/89	23164	23165	FC4	0.8260 a	LT 0.0295	LT 0.0243	0.0621 a	0.4550	LT 0.0417	0.6560 a	0.4250 a	0.2520 b	0.1100 a	LT 0.0330
06/21/89	23167	23168	FC5	1.0700 a	LT 0.0295	LT 0.0243	0.0362	0.1150	LT 0.0417	0.7220 a	0.4240 a	0.2330 b	0.1060 a	LT 0.0330
06/21/89	23176	23177	RIFS1	0.9250 a	LT 0.0295	LT 0.0243	0.0621 a	0.3380	LT 0.0417	0.7920 a	0.3920 a	0.1850 b	0.0968 a	LT 0.0330

a - t/c weight 1.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl Ketone	N-Nitroso-dimethylamine	Trans-1, 2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta- & Para-Xylen-
06/9/89	23107	23108	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.2730	1.3700	LT 0.0174	LT 0.1020	LT 0.0399	0.3460	LT 0.0330	0.9950
06/9/89	23122	23123	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.3500	1.6400	LT 0.0174	LT 0.1020	LT 0.0399	0.3670	LT 0.0330	1.5800
06/15/89	23134	23135	BF3	LT 0.0382	LT 0.0451	LT 0.0469	0.4350	1.5400	LT 0.0174	LT 0.1020	LT 0.0399	0.4720	LT 0.0330	1.2400
06/15/89	23137	23138	BF4	LT 0.0382	LT 0.0451	LT 0.0469	0.4120	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	0.4050	LT 0.0330	1.2000
06/15/89	23143	23144	BF5	LT 0.0382	LT 0.0451	LT 0.0469	0.3450	1.5000	LT 0.0174	LT 0.1020	LT 0.0399	0.4250	LT 0.0330	1.1400
06/15/89	23146	23147	BF7	0.0476 b	LT 0.0451	LT 0.0469	0.4820	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	0.4180	LT 0.0330	1.4500
06/15/89	23128	23129	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.3940	1.5400	LT 0.0174	LT 0.1020	LT 0.0399	0.4870	LT 0.0330	1.1500
06/15/89	23131	23132	FC2D	LT 0.0382	LT 0.0451	LT 0.0469	0.3260	2.6000	LT 0.0174	LT 0.1020	LT 0.0399	0.4260	LT 0.0330	1.0000
06/15/89	23140	23141	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.3820	1.4900	LT 0.0174	LT 0.1020	LT 0.0399	0.4170	0.4500 a	[illegible]
06/15/89	23149	23150	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.3560	1.5600	LT 0.0174	LT 0.1020	LT 0.0399	0.3740	LT 0.0330	[illegible]
06/21/89	23161	23162	BF3	LT 0.0382	LT 0.0451	LT 0.0469	0.0751	0.5580	LT 0.0174	LT 0.1020	LT 0.0399	0.2640	LT 0.0330	[illegible]
06/21/89	23170	23171	BF5	LT 0.0382	LT 0.0451	LT 0.0469	0.0442	0.4240	LT 0.0174	LT 0.1020	LT 0.0399	0.1960	LT [illegible]	[illegible]
06/21/89	23155	23156	FC1	LT 0.0382	LT 0.0451	LT 0.0469	0.3050	1.6500	LT 0.0174	LT 0.1020	LT 0.0399	0.3970	0.1660	1.2300
06/21/89	23158	23159	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.0926	1.0400	LT 0.0174	LT 0.1020	LT 0.0399	0.3530	LT 0.0330	0.3210
06/21/89	23164	23165	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.3160	1.3300	LT 0.0174	LT 0.1020	LT 0.0399	0.4330	LT 0.0330	[illegible]
06/21/89	23167	23168	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.0947	0.6510	LT 0.0174	LT 0.1020	LT 0.0399	0.4410	[illegible] a	[illegible]
06/21/89	23176	23177	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.1390	[illegible]	LT 0.0174	LT 0.1020	LT 0.0399	[illegible]	[illegible]	[illegible]

a - t/c weight 1.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M³ SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
06/27/89	23200	23201	BF5	1.2900 a	LT 0.0295	LT 0.0243	LT 0.0208	0.8030	LT 0.0417	2.0400 a	0.4010 a	0.4420 b	0.0787 b	LT 0.0330
06/27/89	23203	23204	BF7	0.9450 a	LT 0.0295	LT 0.0243	LT 0.0208	0.2710	LT 0.0417	1.2700 a	0.2330 a	0.4330 b	LT 0.0208	LT 0.0330
06/27/89	23182	23183	FC1	0.9280 a	LT 0.0295	LT 0.0243	LT 0.0208	0.4850	LT 0.0417	1.3900 a	0.2330 a	0.0578 b	0.0653 b	LT 0.0330
06/27/89	23185	23186	FC2	0.9020 a	LT 0.0295	LT 0.0243	0.0425 b	0.6390	LT 0.0417	0.9600 a	0.2260 a	0.3400 b	0.0970 b	LT 0.0330
06/27/89	23188	23189	FC2D	1.6400 a	LT 0.0295	LT 0.0243	LT 0.0208	0.7550	LT 0.0417	1.5100 a	0.5000 a	LT 0.0278	0.0942 b	LT 0.0330
06/27/89	23191	23192	FC3	1.0200 a	LT 0.0295	LT 0.0243	LT 0.0208	0.6360	LT 0.0417	1.0300 a	0.2390 a	0.4560 b	0.0262 b	LT 0.0330
06/27/89	23194	23195	FC4	0.9210 a	LT 0.0295	LT 0.0243	0.0401 b	0.7090	LT 0.0417	1.0000 a	0.2130 a	0.4610 b	0.0241 b	LT 0.0330
06/27/89	23197	23198	FC5	0.3920 a	LT 0.0295	LT 0.0243	LT 0.0208	0.7270	LT 0.0417	0.3520 a	0.2090 a	0.4470 b	0.0636 b	LT 0.0330
06/27/89	23206	23207	BIFS1	1.0600 a	LT 0.0295	LT 0.0243	LT 0.0208	0.4940	LT 0.0417	1.9000 a	0.2600 a	0.5360 b	0.0325 b	LT 0.0330
07/3/89	23213	23214	FC2	1.0700 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5900	LT 0.0417	1.2900 a	0.4860 a	0.8230 a	0.1600 b	LT 0.0330
07/3/89	23217	23218	FC4	0.5250 a	LT 0.0295	LT 0.0243	LT 0.0208	0.4760	LT 0.0417	0.5620 a	0.1440 a	0.5940 a	0.0604 b	LT 0.0330
07/3/89	23219	23220	FC5	0.5630 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5650	LT 0.0417	0.5000 a	0.1770 a	0.5990 a	0.1310 b	LT 0.0330
07/9/89	23224	23225	FC2	0.3930 a	LT 0.0295	LT 0.0243	0.0302 b	0.4200	LT 0.0417	0.4530 a	0.1370 a	0.4260 a	0.6870 b	LT 0.0330
07/9/89	23227	23228	FC2D	0.3940 a	LT 0.0295	LT 0.0243	LT 0.0208	0.3550	LT 0.0417	0.3830 b	0.0917 b	0.3580 b	0.7550 b	LT 0.0330
07/9/89	23230	23231	FC3	0.4190 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5200	LT 0.0417	0.3860 a	0.1490 a	0.3730 a	0.0944 b	LT 0.0330
07/9/89	23233	23234	FC4	0.4140 a	LT 0.0295	LT 0.0243	0.0251 b	0.4290	LT 0.0417	0.3120 a	0.1490 a	0.3820 b	0.0926 b	LT 0.0330
07/9/89	23236	23237	FC5	0.4030 a	LT 0.0295	LT 0.0243	LT 0.0208	0.3900	LT 0.0417	0.4970 a	0.1450 a	0.3960 a	0.1490 b	LT 0.0330

a - t/c weight 1.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

Sample Date	Field Sample Number		Site Id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl Ketone	N-Nitroso-dimethylamine	Trans-1, 2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta- & Para-Xylene
06/27/89	23200	23201	BF5	LT 0.0382	LT 0.0451	LT 0.0469	0.5220	1.9700	LT 0.0174	LT 0.1020	LT 0.0399	1.1200	0.1890 b	1.2200
06/27/89	23203	23204	BF7	LT 0.0382	LT 0.0451	LT 0.0469	0.1890	2.1100	LT 0.0174	LT 0.1020	LT 0.0399	0.6910	LT 0.0330	0.6510
06/27/89	23182	23183	FC1	LT 0.0382	LT 0.0451	LT 0.0469	0.3300	1.7900	LT 0.0174	LT 0.1020	LT 0.0399	1.1900	0.3360 a	1.3600
06/27/89	23185	23186	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.4140	1.8000	LT 0.0174	LT 0.1020	LT 0.0399	1.3500	0.1210 b	1.5400
06/27/89	23188	23189	FC20	LT 0.0382	LT 0.0451	LT 0.0469	0.4570	2.5000	LT 0.0174	LT 0.1020	LT 0.0399	1.3300	LT 0.0330	1.8300
06/27/89	23191	23192	FC3	LT 0.0382	LT 0.0451	LT 0.0469	0.3890	1.6600	LT 0.0174	LT 0.1020	LT 0.0399	1.2700	0.0890 b	GT 0.6940
06/27/89	23194	23195	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.4610	1.7000	LT 0.0174	LT 0.1020	LT 0.0399	1.2400	0.0936 b	1.[illegible]000
06/27/89	23197	23198	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.4730	1.7500	LT 0.0174	LT 0.1020	LT 0.0399	1.2400	0.8860 a	1.[illegible]000
06/27/89	23206	23207	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.3440	3.3500	LT 0.0174	LT 0.1020	LT 0.0399	0.9510	LT 0.0330	1.2900
07/3/89	23213	23214	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.4010	2.9100	LT 0.0174	LT 0.1020	LT 0.0399	1.3200	LT 0.0330	1.3900
07/3/89	23217	23218	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.3140	2.4900	LT 0.0174	LT 0.1020	LT 0.0399	0.7330	0.0714 b	1.[illegible]
07/3/89	23219	23220	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.3890	2.6100	LT 0.0174	LT 0.1020	LT 0.0399	1.0200	0.9260 a	1.[illegible]
07/9/89	23224	23225	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.3120	2.4400	LT 0.0174	LT 0.1020	LT 0.0399	0.5420	LT 0.0330	1.[illegible]
07/9/89	23227	23228	FC20	LT 0.0382	LT 0.0451	LT 0.0469	0.2190	1.6600	LT 0.0174	LT 0.1020	LT 0.0399	0.3770	LT 0.0330	[illegible]
07/9/89	23230	23231	FC3	LT 0.0382	LT 0.0451	LT 0.0469	0.3580	2.5700	LT 0.0174	LT 0.1020	LT 0.0399	0.4780	LT 0.0330	1.5600
07/9/89	23233	23234	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.2680	1.8900	LT 0.0174	LT 0.1020	LT 0.0399	0.3360	LT 0.0330	1.[illegible]
07/9/89	23236	23237	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.2510	1.6700	LT 0.0174	LT 0.1020	LT 0.0399	[illegible]	0.[illegible] a	[illegible]

a - t/c weight > 25t weight
b - Detected on t/c only
GT - Value Is Above CRL: No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Number	Sample	Site Id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
07/15/89	23241	23242	FC1	1.2100 a	LT 0.0295	LT 0.0243	LT 0.0208	0.4320	LT 0.0417	1.1500 a	0.6120 a	2.0500 a	0.1630 b	LT 0.0330
07/15/89	23243	23244	FC2	1.3400 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5300	LT 0.0417	1.3800 a	0.6830 a	[illegible]400 a	0.6280 a	LT 0.0330
07/15/89	23247	23248	FC3	1.2600 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5760	LT 0.0417	1.1500 a	0.6810 a	4.2400 a	0.1110 b	LT 0.0330
07/15/89	23249	23250	FC4	1.5300 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5320	LT 0.0417	1.4900 a	0.5900 a	3.5400 a	0.1500 b	LT 0.0330
07/15/89	23251	23252	FC5	1.3600 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5730	LT 0.0417	1.1500 a	0.5620 a	6.7700 a	0.2370 b	LT 0.0330
07/21/89	23254	23255	FC1	1.0400 a	LT 0.0295	LT 0.0243	LT 0.0208	0.1890	LT 0.0417	1.1400 a	0.3480 a	0.3540 b	0.0797 b	LT 0.0330
07/21/89	23257	23258	FC2	0.7470 a	LT 0.0295	LT 0.0243	LT 0.0208	0.2220	LT 0.0417	0.7220 a	0.2430 a	0.1730 b	0.1000 b	LT 0.0330
07/21/89	23260	23261	FC2D	0.7630 a	LT 0.0295	LT 0.0243	LT 0.0208	0.2730	LT 0.0417	0.6770 a	0.2660 a	0.1980 b	0.1170 a	LT 0.0330
07/21/89	23263	23264	FC3	0.8770 a	LT 0.0295	LT 0.0243	LT 0.0208	0.1760	LT 0.0417	0.9360 a	0.3190 a	0.2590 a	0.0386 b	LT 0.0330
07/21/89	23266	23267	FC4	0.6830 a	LT 0.0295	LT 0.0243	LT 0.0208	0.0323	LT 0.0417	0.7710 a	0.2670 a	0.8480	0.0301 b	LT 0.0330
07/21/89	23269	23270	FC5	0.7140 a	LT 0.0295	LT 0.0243	0.0258 b	0.1880	LT 0.0417	0.7160 a	0.2740 a	2.8600	0.0399 b	LT 0.0330
07/27/89	23274	23275	FC1	1.2300 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5520	LT 0.0417	0.6250 a	0.2010 a	0.4140 b	0.1850 b	LT 0.0330
07/27/89	23276	23277	FC2	1.3500 a	LT 0.0295	LT 0.0243	0.0358 b	0.7290	LT 0.0417	0.6540 a	0.2080 a	0.4170 b	0.3580 b	LT 0.0330
07/27/89	23278	23279	FC3	1.7700 a	LT 0.0295	LT 0.0243	LT 0.0208	0.1110	LT 0.0417	0.8950 a	0.3050	0.3450 b	0.1010 a	LT 0.0330
07/27/89	23280	23281	FC4	1.9800 a	LT 0.0295	LT 0.0243	LT 0.0208	0.7170	LT 0.0417	0.9670 a	0.3470 a	0.3750 b	0.1130 b	LT 0.0330
07/27/89	23282	23283	FC5	1.0800 a	LT 0.0295	LT 0.0243	LT 0.0208	0.7720	LT 0.0417	0.5700 a	0.2110 a	0.3650 b	0.1350 b	LT 0.0330
08/2/89	23287	23288	FC4	1.4800 a	LT 0.0295	LT 0.0243	LT 0.0208	1.1500	LT 0.0417	2.0900 a	0.2525	1.1400 b	LT 0.0[illegible]	LT 0.0330

a - t/c weight >.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site Id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl Ketone	N-Nitroso-dimethylamine	Trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta- & Para-Xylene
07/15/89	23241	23242	FC1	LT 0.0382	LT 0.0451	LT 0.0469	0.3040	1.6500	LT 0.0174	LT 0.1020	LT 0.0399	0.4600	0.2520 a	1.1000
07/15/89	23243	23244	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.4240	1.8700	LT 0.0174	LT 0.1020	LT 0.0399	0.4910	LT 0.0330	1.3300
07/15/89	23247	23248	FC3	LT 0.0382	LT 0.0451	LT 0.0469	0.3960	1.8700	LT 0.0174	LT 0.1020	LT 0.0399	0.3920	LT 0.0330	1.3300
07/15/89	23249	23250	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.4260	2.0900	LT 0.0174	LT 0.1020	LT 0.0399	0.4540	LT 0.0330	1.3500
07/15/89	23251	23252	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.4660	2.0100	LT 0.0174	LT 0.1020	LT 0.0399	0.3940	0.5410 a	1.4000
07/21/89	23254	23255	FC1	LT 0.0382	LT 0.0451	LT 0.0469	0.1630	1.1400	LT 0.0174	LT 0.1020	LT 0.0399	0.3300	0.1650 b	0.6450
07/21/89	23257	23258	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.1490	1.2200	LT 0.0174	LT 0.1020	LT 0.0399	0.2600	LT 0.0330	0.5760
07/21/89	23260	23261	FC2D	LT 0.0382	LT 0.0451	LT 0.0469	0.1750	1.1900	LT 0.0174	LT 0.1020	LT 0.0399	0.2440	LT 0.0330	0.6630
07/21/89	23263	23264	FC3	LT 0.0382	LT 0.0451	LT 0.0469	0.1440	1.2700	LT 0.0174	LT 0.1020	LT 0.0399	0.1760	LT 0.0330	0.5320
07/21/89	23266	23267	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.0373	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	0.1550	LT 0.0330	LT 0.[illegible]
07/21/89	23269	23270	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.1330	1.5200	LT 0.0174	LT 0.1020	LT 0.0399	0.2360	0.3850 b	0.50[illegible]
07/27/89	23274	23275	FC1	LT 0.0382	LT 0.0451	LT 0.0469	0.4140	2.0000	LT 0.0174	LT 0.1020	LT 0.0399	1.3100	0.1230 b	1.450[illegible]
07/27/89	23276	23277	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.5560	2.1500	LT 0.0174	LT 0.1020	LT 0.0399	1.3500	LT 0.0330	1.7400
07/27/89	23278	23279	FC3	LT 0.0382	LT 0.0451	LT 0.0469	0.1040	1.0500	LT 0.0174	LT 0.1020	LT 0.0399	0.7330	LT 0.0330	0.3560
07/27/89	23280	23281	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.5800	2.1200	LT 0.0174	LT 0.1020	LT 0.0399	1.3300	LT 0.0330	[illegible]
07/27/89	23282	23283	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.5610	2.6200	LT 0.0174	LT 0.1020	LT 0.0399	1.4400	0.3300 b	1.3600
08/2/89	23287	23288	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.9920	[illegible] 0000	LT 0.0174	LT 0.1020	LT 0.0399	[illegible]	LT 0.0330	[illegible]

a - t/c weight 1.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
08/8/89	23289	23290	FC1	1.2200 a	LT 0.0295	LT 0.0243	LT 0.0208	0.8040	LT 0.0417	1.1800 a	0.2240 a	3.6300 b	0.1870 b	LT 0.0330
08/8/89	23291	23292	FC2	1.1700 a	LT 0.0295	LT 0.0243	0.0364 b	0.9190	LT 0.0417	1.2700 a	0.2630 a	3.2600 a	0.4160 a	LT 0.0330
08/8/89	23293	23294	FC3	1.2500 a	LT 0.0295	LT 0.0243	LT 0.0208	0.7270	LT 0.0417	1.1600 a	0.2590 a	3.1500 b	0.1180 b	LT 0.0330
08/8/89	23295	23296	FC4	1.4000 a	LT 0.0295	LT 0.0243	LT 0.0208	0.9590	LT 0.0417	1.4400 a	0.2710 a	4.0600 b	0.1520 b	LT 0.0330
08/8/89	23297	23298	FC5	0.9710 a	LT 0.0295	LT 0.0243	LT 0.0208	0.8570	LT 0.0417	1.1600 a	0.2260 a	3.5700 b	0.2140 b	LT 0.0330
08/14/89	23302	23303	FC1	1.0300 a	LT 0.0295	LT 0.0243	LT 0.0208	1.3200	LT 0.0417	1.1700 a	0.2790 a	0.4590 b	0.1100 b	LT 0.0330
08/14/89	23305	23306	FC2	1.1100 a	LT 0.0295	LT 0.0243	LT 0.0208	1.3700	LT 0.0417	1.1600 a	0.2940 a	0.2300 b	0.1420 b	LT 0.0330
08/14/89	23308	23309	FC2D	0.9090 a	LT 0.0295	LT 0.0243	LT 0.0208	1.4500	LT 0.0417	1.2000 a	0.2400 a	0.2000 b	0.2180 a	LT 0.0330
08/14/89	23311	23312	FC3	1.0700 a	LT 0.0295	LT 0.0243	LT 0.0208	1.3600	LT 0.0417	1.6400 a	0.2880 a	0.4000 b	0.0664 b	LT 0.0330
08/14/89	23317	23318	FC5	0.6730 a	LT 0.0295	LT 0.0243	LT 0.0208	1.3100	LT 0.0417	1.1600 a	0.2120 a	0.3390 b	0.1170 a	LT 0.0330
08/20/89	23322	23323	FC2D	0.7670 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5300	LT 0.0417	0.9590 a	0.2690 a	0.8200 a	0.4200 a	LT 0.0330
08/20/89	23324	23325	FC4	1.1500 a	LT 0.0295	LT 0.0243	LT 0.0208	0.7190	LT 0.0417	1.4000 a	0.3480 a	1.1200 a	0.1450 b	LT 0.0330
08/20/89	23326	23327	FC5	0.9790 a	LT 0.0295	LT 0.0243	0.0360 b	0.5940	LT 0.0417	1.2200 a	0.2800 a	0.8950 a	0.3390 b	LT 0.0330
08/26/89	23337	23338	FC1	1.3700 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5990	LT 0.0417	1.1200 a	0.3310 a	0.4360 b	0.1270 b	LT 0.0330
08/26/89	23339	23340	FC2	1.0200 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5990 b	LT 0.0417	1.1000 a	0.2910 a	0.4080	0.1740	LT 0.0330
08/26/89	23341	23342	FC2D	0.3960 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5020	LT 0.0417	0.8640 a	0.2450 a	0.3140 b	0.1260 b	LT 0.0330
08/26/89	23343	23344	FC3	1.1000 a	LT 0.0295	LT 0.0243	LT 0.0208	0.4930	LT 0.0417	1.2100 a	0.3030 a	0.3410 b	0.0733 b	LT 0.0330

a - t/c weight 0.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL Page 1?

Sample Date	Field Sample Number		Site id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl ketone	N-Nitroso-dimethylamine	Trans-1, 2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta- & Para-Xylene
08/8/89	23289	23290	FC1	LT 0.0382	LT 0.0451	LT 0.0469	0.6290	1.9200	LT 0.0174	LT 0.1020	LT 0.0399	0.5590	0.0640 a	1.7500
08/8/89	23291	23292	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.7770	2.9700	LT 0.0174	LT 0.1020	LT 0.0399	0.6010	0.0775	2.2300
08/8/89	23293	23294	FC3	LT 0.0382	LT 0.0451	LT 0.0469	0.5540	1.8000	LT 0.0174	LT 0.1020	LT 0.0399	0.4500	0.0633	1.5900
08/8/89	23295	23296	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.7010	2.1400	LT 0.0174	LT 0.1020	LT 0.0399	0.5170	0.0635	1.3600
08/8/89	23297	23298	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.6790	1.8600	LT 0.0174	LT 0.1020	LT 0.0399	0.5000	0.1890 a	1.7100
08/14/89	23302	23303	FC1	LT 0.0382	LT 0.0451	LT 0.0469	0.9610	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	0.5690	0.0651 b	2.6300
08/14/89	23305	23306	FC2	LT 0.0382	LT 0.0451	LT 0.0469	1.0100	2.6700	LT 0.0174	LT 0.1020	LT 0.0399	0.6860	LT 0.0330	2.6400
08/14/89	23308	23309	FC2D	LT 0.0382	LT 0.0451	LT 0.0469	1.0200	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	0.6180	LT 0.0330	2.6500
08/14/89	23311	23312	FC3	LT 0.0382	LT 0.0451	LT 0.0469	1.0400	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	0.5360	LT 0.0330	2.6400
08/14/89	23317	23318	FC5	LT 0.0382	LT 0.0451	LT 0.0469	1.0500	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	0.5090	0.4420 a	2.5100
08/20/89	23322	23323	FC2D	LT 0.0382	LT 0.0451	LT 0.0469	0.3590	2.1600	LT 0.0174	LT 0.1020	LT 0.0399	0.4520	LT 0.0330	1.4300
08/20/89	23324	23325	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.5400	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	0.4460	LT 0.0330	2.0100
08/20/89	23326	23327	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.4550	2.0600	LT 0.0174	LT 0.1020	LT 0.0399	0.4970	0.3930 a	1.6400
08/26/89	23337	23338	FC1	LT 0.0382	LT 0.0451	LT 0.0469	0.4930	2.3200	0.1190	LT 0.1020	LT 0.0399	0.5230	0.1770 a	1.9300
08/26/89	23339	23340	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.4580 b	2.1800 b	LT 0.0174	LT 0.1020	LT 0.0399	0.5990 b	LT 0.0330	1.7300 b
08/26/89	23341	23342	FC2D	LT 0.0382	LT 0.0451	LT 0.0469	0.3450	2.0800	LT 0.0174	LT 0.1020	LT 0.0399	0.5320	LT 0.0551	1.6200
08/26/89	23343	23344	FC3	LT 0.0382	LT 0.0451	LT 0.0469	0.3910	2.2400	LT 0.0174	LT 0.1020	LT 0.0399	[illegible]	LT 0.0551	1.5300

a - t/c weight 1.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
08/26/89	23345	23346	FC4	1.2200 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5920	LT 0.0417	1.1200 a	0.2640 a	0.4910 b	0.0502 b	LT 0.0330
08/26/89	23347	23348	FC5	0.9750 a	LT 0.0295	LT 0.0243	LT 0.0208	0.4880	LT 0.0417	0.9540 a	0.2870 a	0.2900 b	0.0826 b	LT 0.0330
09/1/89	23351	23352	FC1	0.6440 a	LT 0.0295	LT 0.0243	0.0254 b	0.1020	LT 0.0417	0.4570 a	0.3650 a	0.1150 b	0.1020 b	LT 0.0330
09/1/89	23353	23354	FC2	0.6690 a	LT 0.0295	LT 0.0243	0.0220 b	0.0908	LT 0.0417	0.4020 a	0.3370 a	0.1340 b	0.2810 a	LT 0.0330
09/1/89	23355	23356	FC3	0.6610 a	LT 0.0295	LT 0.0243	LT 0.0208	0.0736	LT 0.0417	0.3510 a	0.3980 a	0.1430 b	0.1930 a	LT 0.0330
09/1/89	23357	23358	FC4	0.6630 a	LT 0.0295	LT 0.0243	0.0227 b	0.0839	LT 0.0417	0.2740 a	0.3550 a	0.1410 b	0.0993 b	LT 0.0330
09/1/89	23359	23360	FC5	0.5720 b	LT 0.0295	LT 0.0243	LT 0.0208	0.0667	LT 0.0417	0.5840 a	0.3420 a	0.1080 b	0.0858 b	LT 0.0330
09/7/89	23364	23365	FC1	0.7140 a	LT 0.0295	LT 0.0243	0.0267 b	0.2740	LT 0.0417	0.6560 a	0.3570 a	0.2160 a	0.1480 a	LT 0.0330
09/7/89	23367	23368	FC2	0.6010 a	LT 0.0295	LT 0.0243	0.0219 b	0.1560	LT 0.0417	0.2690 a	0.3290 a	0.1410 b	0.2090 b	LT 0.0330
09/7/89	23370	23371	FC2D	0.7610 a	LT 0.0295	LT 0.0243	0.0377 b	0.1990	LT 0.0417	0.6130 a	0.3570 a	[illegible] b	0.3140 a	LT 0.0330
09/7/89	23373	23374	FC3	0.7250 a	LT 0.0295	LT 0.0243	0.0264 b	0.2050	LT 0.0417	0.4720 a	0.3650 a	0.1640 b	0.0710 b	LT 0.0330
09/7/89	23376	23377	FC4	0.8570 a	LT 0.0295	LT 0.0243	0.0489 b	0.2620	LT 0.0417	0.6560 a	0.4260 a	0.1760 b	0.0643 b	LT 0.0330
09/7/89	23379	23380	FC5	0.8900 a	LT 0.0295	LT 0.0243	0.0317 b	0.3180	LT 0.0417	0.6630 a	0.4710 a	0.2600 a	0.2240 a	LT 0.0330
09/13/89	23386	23387	FC2	1.4300 a	LT 0.0295	LT 0.0243	0.0769	0.4560	LT 0.0417	1.1600	0.7920 a	0.5750 a	0.2690 a	LT 0.0330
09/13/89	23388	23389	FC3	1.6900 a	LT 0.0295	LT 0.0243	0.0994	0.6250	LT 0.0417	1.3000	0.9690 a	0.5740 a	0.2990 a	LT 0.0330
09/13/89	23390	23391	FC4	1.5100 b	LT 0.0295	LT 0.0243	0.0891 b	0.5470 b	LT 0.0417	1.2300 a	0.8150 a	0.5220 a	0.2710 a	LT 0.0330
09/13/89	23392	23393	FC5	1.3900 a	LT 0.0295	LT 0.0243	0.0929	0.4850	LT 0.0417	1.1700	[illegible] a	0.5430 a	0.3100 a	LT 0.0330

a - t/c weight 1.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL Page [illegible]

Sample Date	Field Sample Number		Site id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl Ketone	N-Nitroso-dimethylamine	Trans-1, 2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta-X Para-X
08/26/89	23345	23346	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.4180	2.2300	0.2000	LT 0.1020	LT 0.0399	0.4530	LT 0.0330	[illegible]
08/26/89	23347	23348	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.3830	2.2000	0.1590	LT 0.1020	LT 0.0399	0.4180	0.0290 a	[illegible]
09/1/89	23351	23352	FC1	LT 0.0382	LT 0.0451	LT 0.0469	0.0781	0.6010	0.0491	LT 0.1020	LT 0.0399	0.2210	0.0230 a	[illegible]
09/1/89	23353	23354	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.0721	0.5780	0.0605	LT 0.1020	LT 0.0399	0.1660	LT 0.0330	0.2530
09/1/89	23355	23356	FC3	LT 0.0382	LT 0.0451	LT 0.0469	0.0627	0.4710	0.0467	LT 0.1020	LT 0.0399	0.1340	LT 0.0330	0.2030
09/1/89	23357	23358	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.0618	0.5360	0.0354	LT 0.1020	LT 0.0399	0.1320	LT 0.0330	[illegible]
09/1/89	23359	23360	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.0500	0.4170	0.0378	LT 0.1020	LT 0.0399	0.0986	LT 0.0330	0.1770
09/7/89	23364	23365	FC1	LT 0.0382	LT 0.0451	LT 0.0469	0.1920	1.2100	0.0779	LT 0.1020	LT 0.0399	0.2740	0.0819 b	[illegible]
09/7/89	23367	23368	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.1020	0.7830	0.0395	LT 0.1020	LT 0.0399	0.1770	LT 0.0330	[illegible]
09/7/89	23370	23371	FC2D	LT 0.0382	LT 0.0451	LT 0.0469	0.1410	0.9160	0.0636 a	LT 0.1020	LT 0.0399	0.1980	LT 0.0330	[illegible]
09/7/89	23373	23374	FC3	LT 0.0382	LT 0.0451	LT 0.0469	0.1390	1.0100	0.0572	LT 0.1020	LT 0.0399	0.1700	LT 0.0330	0.5470
09/7/89	23376	23377	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.1770	1.2100	0.0728	LT 0.1020	LT 0.0399	0.1880	LT 0.0330	0.6950
09/7/89	23379	23380	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.2190	1.5900	0.0945	LT 0.1020	LT 0.0399	0.2920	0.1060 b	[illegible]
09/13/89	23386	23387	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.3580	1.9900	0.0453	LT 0.1020	LT 0.0399	0.3390	LT 0.0330	[illegible]
09/13/89	23388	23389	FC3	LT 0.0382	LT 0.0451	LT 0.0469	0.4690	2.1300	0.0525	LT 0.1020	LT 0.0399	0.4000	LT 0.0330	[illegible]
09/13/89	23390	23391	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.4190 b	1.9300 b	0.0447 b	LT 0.1020	LT 0.0399	0.3390 b	LT 0.0330	[illegible]
09/13/89	23392	23393	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.3280	1.8100	0.0450	LT 0.1020	LT 0.0399	0.3170	LT 0.0330	[illegible]

a - t/c weight).25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site Id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
09/19/89	23397	23398	FC1	1.2500 a	LT 0.0295	LT 0.0243	0.0254 b	0.3630	LT 0.0417	1.1900 a	0.5660 a	0.7670 b	0.3310 a	LT 0.0330
09/19/89	23400	23401	FC2	1.2300 a	LT 0.0295	LT 0.0243	0.0421 b	0.3770	LT 0.0417	1.3700 a	0.4220 a	0.5140 b	0.4200 a	LT 0.0330
09/19/89	23403	23404	FC2D	1.3400 a	LT 0.0295	LT 0.0243	0.0334 b	0.4110	LT 0.0417	1.3400 a	0.4600 a	0.6510 b	0.5030 a	LT 0.0330
09/19/89	23406	23407	FC3	1.3500 a	LT 0.0295	LT 0.0243	0.0365 b	0.6030	LT 0.0417	1.3100 a	0.5790 a	0.4610 b	0.1500 a	LT 0.0330
09/19/89	23409	23410	FC4	1.3600 a	LT 0.0295	LT 0.0243	0.0325 b	0.4880	LT 0.0417	1.4300 a	0.5600 a	0.3830 b	0.1440 a	LT 0.0330
09/19/89	23412	23413	FC5	1.4100 a	LT 0.0295	LT 0.0243	0.0327 b	0.7610	LT 0.0417	1.4500 a	0.5860 a	0.4350 b	0.3290 a	LT 0.0330
09/25/89	23417	23418	FC1	1.6700 a	LT 0.0295	LT 0.0243	0.0392 b	1.5600	LT 0.0417	2.4300 a	0.4340 a	0.6690 a	0.3290 a	LT 0.0330
09/25/89	23419	23420	FC2	1.7900 a	LT 0.0295	LT 0.0243	LT 0.0208	1.7600	LT 0.0417	2.7200 a	0.4630 a	0.4480 b	0.3020 a	LT 0.0330
09/25/89	23421	23422	FC3	1.8000 a	LT 0.0295	LT 0.0243	0.0311 b	1.7000	LT 0.0417	2.7800 a	0.5710 a	0.6200 a	0.1870 a	LT 0.0330
09/25/89	23423	23424	FC4	1.7800 a	LT 0.0295	LT 0.0243	LT 0.0208	1.8100	LT 0.0417	3.0000 a	0.4580 a	0.6620 b	0.1800 a	LT 0.0330

a - t/c weight 1.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site Id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl Ketone	N-Nitroso-dimethylamine	Trans-1, 2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta- & Para-Xylene
09/19/89	23397	23398	FC1	LT 0.0382	LT 0.0451	LT 0.0469	0.1470	1.7800	LT 0.0174	LT 0.1020	LT 0.0399	0.4560	0.0792	0.5520
09/19/89	23400	23401	FC2	LT 0.0382	LT 0.0451	LT 0.0469	0.3230	GT 0.3470	0.0214 b	LT 0.1020	LT 0.0399	0.4110	LT 0.0350	1.2300
09/19/89	23403	23404	FC20	LT 0.0382	LT 0.0451	LT 0.0469	0.3770	2.8100	0.0914	LT 0.1020	LT 0.0399	0.4110	0.0529	1.3400
09/19/89	23406	23407	FC3	LT 0.0382	LT 0.0451	LT 0.0469	0.4610	2.8700	0.0982	LT 0.1020	LT 0.0399	0.5060	0.0896	1.6300
09/19/89	23409	23410	FC4	LT 0.0382	LT 0.0451	LT 0.0469	0.4530	GT 0.3470	0.1210	LT 0.1020	LT 0.0399	0.4180	0.0679	1.5700
09/19/89	23412	23413	FC5	LT 0.0382	LT 0.0451	LT 0.0469	0.5800	3.6200	0.1400	LT 0.1020	LT 0.0399	0.4710	0.3780	1.9900
09/25/89	23417	23418	FC1	LT 0.0382	LT 0.0451	LT 0.0469	1.0400	GT 0.3470	0.1410	LT 0.1020	LT 0.0399	1.2500	0.1030	3.0600
09/25/89	23419	23420	FC2	LT 0.0382	LT 0.0451	LT 0.0469	1.2400	GT 0.3470	0.1810	LT 0.1020	LT 0.0399	1.3400	0.1030	3.3100
09/25/89	23421	23422	FC3	LT 0.0382	LT 0.0451	LT 0.0469	1.1900	GT 0.3470	0.2000	LT 0.1020	LT 0.0399	1.2600	0.0327	3.5700
09/25/89	23423	23424	FC4	LT 0.0382	LT 0.0451	LT 0.0469	1.2500	GT 0.3470	0.2140	LT 0.1020	LT 0.0399	1.2900	0.0360	3.4700

a - t/c weight >.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

APPENDIX S

IRA-F Semi-Volatile Organic Compounds (SVOC) Data

SUMMARY OF SEMI-VOLATILES FOR IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ATRAZINE	CHLORDANE	CHLOROPHENYL METHYLSULFOXIDE	CHLOROPHENYL METHYLSULFONE	DIELDRIN	ENDRIN
05/10/89	16105	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/10/89	16106	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/10/89	16107	FC2D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/10/89	16109	BF3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/10/89	16111	BF7	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/10/89	16112	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/10/89	16113	BF5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/16/89	16115	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/16/89	22001	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/16/89	22002	BF3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/16/89	22004	BF5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/16/89	22005	BF7	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/16/89	22006	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/22/89	22008	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/22/89	22009	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/22/89	22010	FC2D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/22/89	22012	BF3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/22/89	22014	BF5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/22/89	22015	BF7	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/22/89	22016	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/28/89	22017	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/28/89	22019	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/28/89	22020	BF3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/28/89	22022	BF5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/28/89	22023	BF7	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212

SUMMARY OF SEMI-VOLATILES FOR IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ISODRIN	MALATHION	DDE	DDT	PARATHION	SUPONA
05/10/89	16105	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/10/89	16106	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/10/89	16107	FC2D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/10/89	16109	BF3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/10/89	16111	BF7	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/10/89	16112	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/10/89	16113	BF5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/16/89	16115	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/16/89	22001	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/16/89	22002	BF3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/16/89	22004	BF5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/16/89	22005	BF7	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/16/89	22006	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/22/89	22008	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/22/89	22009	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/22/89	22010	FC2D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/22/89	22012	BF3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/22/89	22014	BF5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/22/89	22015	BF7	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/22/89	22016	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/28/89	22017	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/28/89	22019	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/28/89	22020	BF3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/28/89	22022	BF5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/28/89	22023	BF7	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417

SUMMARY OF SEMI-VOLATILES FOR IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ATRAZINE	CHLORDANE	CHLOROPHENYL METHYLSULFOXIDE	CHLOROPHENYL METHYLSULFONE	DIELDRIN	ENDRIN
05/28/89	22024	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
06/3/89	22027	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
06/3/89	22028	FC2D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
06/3/89	22029	BF3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
06/3/89	22031	BF5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
06/3/89	22032	BF7	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
06/3/89	22033	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
06/9/89	22035	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
06/9/89	22036	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
06/9/89	22037	BF3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
06/9/89	22039	BF5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
06/9/89	22040	BF7	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
06/9/89	22041	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/9/89	19953	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/9/89	19988	FC2D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/9/89	19989	FC3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/9/89	19990	FC4	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/9/89	19991	FC5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/15/89	19994	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/15/89	19995	FC3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/15/89	19996	FC4	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/15/89	19997	FC5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/21/89	19999	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/21/89	20000	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/21/89	22501	FC2D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212

SUMMARY OF SEMI-VOLATILES FOR IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ISODRIN	MALATHION	ODE	DDT	PARATHION	SUPONA
05/28/89	22024	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
06/3/89	22027	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
06/3/89	22028	FC2D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
06/3/89	22029	BF3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
06/3/89	22031	BF5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
06/3/89	22032	BF7	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
06/3/89	22033	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
06/9/89	22035	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
06/9/89	22036	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
06/9/89	22037	BF3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
06/9/89	22039	BF5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
06/9/89	22040	BF7	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
06/9/89	22041	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/9/89	19958	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/9/89	19988	FC2D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/9/89	19989	FC3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/9/89	19990	FC4	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/9/89	19991	FC5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/15/89	19994	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/15/89	19995	FC3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/15/89	19996	FC4	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/15/89	19997	FC5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/21/89	19999	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/21/89	20000	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/21/89	22501	FC2D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417

SUMMARY OF SEMI-VOLATILES FOR IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ATRAZINE	CHLORDANE	CHLOROPHENYL METHYLSULFOXIDE	CHLOROPHENYL METHYLSULFONE	DIELDRIN	ENDRIN
07/21/89	22502	FC3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/21/89	22503	FC4	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/21/89	22504	FC5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/27/89	22506	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/27/89	22507	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/27/89	22508	FC3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/27/89	22509	FC4	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
07/27/89	22510	FC5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/8/89	22548	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/8/89	22549	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/8/89	22550	FC3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/8/89	22551	FC4	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/8/89	22552	FC5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/14/89	22554	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/14/89	22555	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/14/89	22556	FC2D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/14/89	22557	FC3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/14/89	22558	FC4	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/14/89	22559	FC5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/20/89	22572	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/20/89	22574	FC3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/20/89	22575	FC4	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/20/89	22576	FC5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/26/89	22578	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/26/89	22579	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212

SUMMARY OF SEMI-VOLATILES FOR IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ISODRIN	MALATHION	DDE	DDT	PARATHION	SUPONA
07/21/89	22502	FC3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/21/89	22503	FC4	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/21/89	22504	FC5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/27/89	22506	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/27/89	22507	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/27/89	22508	FC3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/27/89	22509	FC4	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
07/27/89	22510	FC5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/8/89	22548	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/8/89	22549	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/8/89	22550	FC3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/8/89	22551	FC4	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/8/89	22552	FC5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/14/89	22554	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/14/89	22555	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/14/89	22556	FC2D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/14/89	22557	FC3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/14/89	22558	FC4	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/14/89	22559	FC5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/20/89	22572	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/20/89	22574	FC3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/20/89	22575	FC4	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/20/89	22576	FC5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/26/89	22578	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/26/89	22579	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417

SUMMARY OF SEMI-VOLATILES FOR IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ATRAZINE	CHLORDANE	CHLOROPHENYL METHYLSULFOXIDE	CHLOROPHENYL METHYLSULFONE	DIELDRIN	ENDRIN
08/26/89	22580	FC2D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/26/89	22581	FC3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/26/89	22582	FC4	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
08/26/89	22583	FC5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/1/89	22255	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/1/89	22256	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/1/89	22257	FC3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/1/89	22258	FC4	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/1/89	22259	FC5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/7/89	22241	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/7/89	22242	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/7/89	22243	FC2D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/7/89	22244	FC3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/7/89	22245	FC4	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/7/89	22246	FC5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/13/89	22248	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/13/89	22249	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/13/89	22250	FC3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/13/89	22272	FC4	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/13/89	22274	FC5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/19/89	22271	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/19/89	22273	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/19/89	22275	FC2D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/19/89	22277	FC3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/19/89	22278	FC4	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212

SUMMARY OF SEMI-VOLATILES FOR IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ISODRIN	MALATHION	DDE	DDT	PARATHION	SUPONA
08/26/89	22580	FC2D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/26/89	22581	FC3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/26/89	22582	FC4	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
08/26/89	22583	FC5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/1/89	22255	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/1/89	22256	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/1/89	22257	FC3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/1/89	22258	FC4	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/1/89	22259	FC5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/7/89	22241	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/7/89	22242	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/7/89	22243	FC2D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/7/89	22244	FC3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/7/89	22245	FC4	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/7/89	22246	FC5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/13/89	22248	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/13/89	22249	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/13/89	22250	FC3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/13/89	22272	FC4	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/13/89	22274	FC5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/19/89	22271	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/19/89	22273	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/19/89	22275	FC2D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/19/89	22277	FC3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/19/89	22278	FC4	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417

SUMMARY OF SEMI-VOLATILES FOR IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ATRAZINE	CHLORDANE	CHLOROPHENYL METHYLSULFOXIDE	CHLOROPHENYL METHYLSULFONE	DIELDRIN	ENDRIN
09/19/89	22279	FC5	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/25/89	22281	FC1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/25/89	22282	FC2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/25/89	22283	FC3	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
09/25/89	22284	FC4	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212

SUMMARY OF SEMI-VOLATILES FOR IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ISODRIN	MALATHION	DDE	DDT	PARATHION	SUPONA
09/19/89	22279	FC5	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/25/89	22281	FC1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/25/89	22282	FC2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/25/89	22283	FC3	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
09/25/89	22284	FC4	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417

APPENDIX T

IRA-F Organics in Total Suspended Particulates (OTSP) Data

EBASCO SERVICES INCORPORATED ROCKY MOUNTAIN ARSENAL PROGRAM 06/13/90

SUMMARY OF ORGANO CHLORINE PESTICIDE CONCENTRATIONS IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ALDRIN RESULTS	CHLORDANE RESULTS	DIELDRIN RESULTS	ENDRIN RESULTS	ISODRIN RESULTS	PPDDE RESULTS	PPDDT RESULTS
05/10/89	16105	FC1	0.0041	0.0010	0.0130	0.0014	0.0005	LT 0.0003	LT 0.0003
05/10/89	16106	FC2	0.0103	0.0011	0.0293	0.0032	0.0011	LT 0.0003	LT 0.0003
05/10/89	16107	FC2D	0.0088	0.0010	0.0296	0.0034	0.0106	LT 0.0003	LT 0.0003
05/10/89	16109	BF3	0.0009	0.0007	0.0092	0.0010	LT 0.0003	LT 0.0003	LT 0.0003
05/10/89	16111	BF7	LT 0.0003	LT 0.0004	0.0009	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
05/10/89	16112	RIFS1	LT 0.0003	LT 0.0004	0.0009	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
05/10/89	16113	BF5	0.0003	LT 0.0004	0.0016	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
05/16/89	16115	FC1	0.0009	0.0004	0.0006	0.0007	LT 0.0003	LT 0.0003	LT 0.0003
05/16/89	22001	FC2	0.0029	0.0005	0.0151	0.0017	0.0004	LT 0.0003	LT 0.0003
05/16/89	22002	BF3	0.0010	0.0008	0.0133	0.0013	0.0004	LT 0.0003	0.0004
05/16/89	22004	BF5	0.0004	LT 0.0004	0.0022	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
05/16/89	22005	BF7	0.0004	0.0006	0.0033	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
05/16/89	22006	RIFS1	LT 0.0003	LT 0.0004	0.0007	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
05/22/89	22008	FC1	LT 0.0003	LT 0.0004	0.0035	0.0007	LT 0.0003	LT 0.0003	LT 0.0003
05/22/89	22009	FC2	0.0006	0.0004	0.0074	0.0012	0.0007	LT 0.0003	0.0004
05/22/89	22010	FC2D	0.0004	0.0005	0.0070	0.0010	0.0006	LT 0.0003	LT 0.0003
05/22/89	22012	BF3	LT 0.0003	0.0003	0.0022	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
05/22/89	22014	BF5	LT 0.0003	LT 0.0004	0.0014	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
05/22/89	22015	BF7	LT 0.0003	LT 0.0004	0.0011	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
05/22/89	22016	RIFS1	LT 0.0003	LT 0.0004	0.0004	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
05/28/89	22017	FC1	LT 0.0003	0.0004	0.0037	0.0007	LT 0.0003	LT 0.0003	LT 0.0003
05/28/89	22019	FC2	LT 0.0003	0.0004	0.0055	0.0010	0.0007	LT 0.0003	LT 0.0003
05/28/89	22020	BF3	LT 0.0003	0.0007	0.0028	0.0006	0.0005	LT 0.0003	LT 0.0003
05/28/89	22022	BF5	LT 0.0003	LT 0.0004	0.0009	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
05/28/89	22023	BF7	LT 0.0003	LT 0.0004	0.0011	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
05/28/89	22024	RIFS1	LT 0.0003	LT 0.0004	0.0005	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
06/3/89	22027	FC2	0.0011	0.0006	0.0221	0.0023	0.0004	LT 0.0003	LT 0.0003
06/3/89	22028	FC2D	0.0009	0.0006	0.0237	0.0025	0.0005	LT 0.0003	LT 0.0003
06/3/89	22029	BF3	0.0004	0.0006	0.0133	0.0014	LT 0.0003	LT 0.0003	LT 0.0003
06/3/89	22031	BF5	LT 0.0003	0.0005	0.0023	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
06/3/89	22032	BF7	LT 0.0003	0.0004	0.0026	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
06/3/89	22033	RIFS1	LT 0.0003	LT 0.0004	0.0012	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
06/9/89	22035	FC1	0.0003	0.0010	0.0133	0.0015	0.0005	LT 0.0003	LT 0.0003
06/9/89	22036	FC2	0.0013	0.0015	0.0362	0.0045	0.0007	LT 0.0003	LT 0.0003
06/9/89	22037	BF3	0.0006	0.0019	0.0209	0.0021	0.0006	LT 0.0003	LT 0.0003
06/9/89	22039	BF5	LT 0.0003	LT 0.0004	0.0007	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
06/9/89	22040	BF7	LT 0.0003	0.0010	0.0053	0.0006	0.0005	LT 0.0003	LT 0.0003
06/9/89	22041	RIFS1	LT 0.0003	0.0007	0.0033	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
07/9/89	19958	FC2	LT 0.0003	LT 0.0004	0.0022	0.0007	LT 0.0003	LT 0.0003	LT 0.0003
07/9/89	19988	FC2D	LT 0.0003	LT 0.0004	0.0022	0.0006	LT 0.0003	LT 0.0003	LT 0.0003
07/9/89	19989	FC3	LT 0.0003	LT 0.0004	0.0016	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
07/9/89	19990	FC4	LT 0.0003	LT 0.0004	0.0007	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
07/9/89	19991	FC5	LT 0.0003	LT 0.0004	0.0010	0.0005	LT 0.0003	LT 0.0003	LT 0.0003
07/15/89	19994	FC2	0.0011	0.0012	0.0040	0.0021	0.0009	LT 0.0003	0.0010
07/15/89	19995	FC3	0.0006	0.0008	0.0205	0.0008	0.0005	LT 0.0003	LT 0.0003
07/15/89	19996	FC4	0.0006	0.0007	0.0067	0.0010	0.0004	LT 0.0003	LT 0.0003
07/15/89	19997	FC5	0.0005	0.0007	0.0050	0.0008	LT 0.0003	LT 0.0003	LT 0.0003
07/21/89	19999	FC1	LT 0.0003	LT 0.0004	0.0009	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
07/21/89	20000	FC2	LT 0.0003	0.0004	0.0019	0.0005	0.0004	LT 0.0003	LT 0.0003
07/21/89	22501	FC2D	LT 0.0003	LT 0.0004	0.0017	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
07/21/89	22502	FC3	LT 0.0003	0.0004	0.0015	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003

SUMMARY OF ORGANO CHLORINE PESTICIDE CONCENTRATIONS IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ALDRIN RESULTS	CHLORDANE RESULTS	DIELDRIN RESULTS	ENDRIN RESULTS	ISODRIN RESULTS	PPDDE RESULTS	PPDDT RESULTS
07/21/89	22503	FC4	LT 0.0003	LT 0.0004	0.0008	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
07/21/89	22504	FC5	LT 0.0003	LT 0.0004	0.0009	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
07/27/89	22506	FC1	LT 0.0003	LT 0.0004	0.0012	0.0004	0.0004	LT 0.0003	LT 0.0003
07/27/89	22507	FC2	LT 0.0003	0.0005	0.0021	0.0005	0.0004	LT 0.0003	LT 0.0003
07/27/89	22508	FC3	LT 0.0003	0.0004	0.0022	0.0004	0.0004	LT 0.0003	LT 0.0003
07/27/89	22509	FC4	LT 0.0003	LT 0.0004	0.0010	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
07/27/89	22510	FC5	LT 0.0003	LT 0.0004	0.0014	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
08/8/89	22548	FC1	0.0007	0.0004	0.0081	0.0007	LT 0.0003	LT 0.0003	LT 0.0003
08/8/89	22549	FC2	0.0028	0.0010	0.0293	0.0020	0.0006	LT 0.0003	LT 0.0003
08/8/89	22550	FC3	0.0017	0.0007	0.0240	0.0009	LT 0.0003	LT 0.0003	LT 0.0003
08/8/89	22551	FC4	0.0016	LT 0.0004	0.0148	0.0008	0.0003	LT 0.0003	LT 0.0003
08/8/89	22552	FC5	0.0010	0.0003	0.0070	0.0003	LT 0.0003	LT 0.0003	LT 0.0003
08/14/89	22554	FC1	0.0010	0.0008	0.0188	0.0012	LT 0.0003	LT 0.0003	LT 0.0003
08/14/89	22555	FC2	0.0027	0.0012	0.0444	0.0027	LT 0.0003	LT 0.0003	LT 0.0003
08/14/89	22556	FC2D	0.0026	0.0011	0.0424	0.0026	LT 0.0003	LT 0.0003	LT 0.0003
08/14/89	22557	FC3	0.0006	0.0013	0.0172	0.0009	LT 0.0003	LT 0.0003	LT 0.0003
08/14/89	22558	FC4	0.0006	0.0004	0.0160	0.0012	LT 0.0003	LT 0.0003	LT 0.0003
08/14/89	22559	FC5	0.0008	0.0006	0.0159	0.0008	LT 0.0003	LT 0.0003	LT 0.0003
08/20/89	22572	FC1	0.0010	0.0003	0.0046	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
08/20/89	22574	FC3	LT 0.0003	LT 0.0004	0.0016	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
08/20/89	22575	FC4	0.0008	LT 0.0004	0.0057	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
08/20/89	22576	FC5	0.0005	LT 0.0004	0.0041	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
08/26/89	22578	FC1	LT 0.0003	LT 0.0004	0.0011	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
08/26/89	22579	FC2	LT 0.0003	LT 0.0004	0.0027	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
08/26/89	22580	FC2D	LT 0.0003	LT 0.0004	0.0033	0.0004	LT 0.0003	LT 0.0003	LT 0.0003
08/26/89	22581	FC3	LT 0.0003	LT 0.0004	0.0019	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
08/26/89	22582	FC4	LT 0.0003	LT 0.0004	0.0015	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
08/26/89	22583	FC5	LT 0.0003	LT 0.0004	0.0013	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/1/89	22255	FC1	LT 0.0003	LT 0.0004	0.0007	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/1/89	22256	FC2	LT 0.0003	LT 0.0004	0.0012	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/1/89	22257	FC3	LT 0.0003	LT 0.0004	0.0014	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/1/89	22258	FC4	LT 0.0003	LT 0.0004	0.0007	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/1/89	22259	FC5	LT 0.0003	LT 0.0004	0.0005	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/7/89	22241	FC1	LT 0.0003	LT 0.0004	0.0009	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/7/89	22242	FC2	LT 0.0003	LT 0.0004	0.0015	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/7/89	22243	FC2D	LT 0.0003	LT 0.0004	0.0014	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/7/89	22244	FC3	LT 0.0003	LT 0.0004	0.0009	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/7/89	22245	FC4	LT 0.0003	LT 0.0004	0.0006	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/7/89	22246	FC5	LT 0.0003	LT 0.0004	0.0005	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/13/89	22248	FC1	LT 0.0003	LT 0.0004	0.0011	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/13/89	22249	FC2	0.0004	LT 0.0004	0.0044	0.0005	LT 0.0003	LT 0.0003	LT 0.0003
09/13/89	22250	FC3	LT 0.0003	LT 0.0004	0.0027	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/13/89	22272	FC4	LT 0.0003	LT 0.0004	0.0023	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/13/89	22274	FC5	LT 0.0003	LT 0.0004	0.0010	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/19/89	22271	FC1	LT 0.0003	LT 0.0004	0.0020	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/19/89	22273	FC2	0.0008	LT 0.0004	0.0055	LT 0.0003	LT 0.0003	LT 0.0003	0.0006
09/19/89	22275	FC2D	0.0009	LT 0.0004	0.0057	LT 0.0003	LT 0.0003	LT 0.0003	0.0006
09/19/89	22277	FC3	LT 0.0003	LT 0.0004	0.0022	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/19/89	22278	FC4	LT 0.0003	LT 0.0004	0.0017	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/19/89	22279	FC5	0.0033	LT 0.0004	0.0019	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/25/89	22281	FC1	LT 0.0003	LT 0.0004	0.0012	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003

SUMMARY OF ORGANO CHLORINE PESTICIDE CONCENTRATIONS IRAF ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ALDRIN RESULTS	CHLORDANE RESULTS	DIELDRIN RESULTS	ENDRIN RESULTS	ISODRIN RESULTS	PPDDE RESULTS	PPDDT RESULTS
09/25/89	22282	FC2	LT 0.0003	LT 0.0004	0.0022	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/25/89	22283	FC3	LT 0.0003	LT 0.0004	0.0012	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
09/25/89	22284	FC4	LT 0.0003	LT 0.0004	0.0012	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003

APPENDIX U
RIFS Data

TOTAL SUSPENDED PARTICULATES (TSP) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	CONC UG/M3	NET WEIGHT MG
12/20/88	RIFS1	14708	1298	81.83	106.25
12/21/88	RIFS1	14710	1379	61.02	84.15
12/27/88	RIFS1	14714	1436	88.38	126.95
12/28/88	RIFS1	14716	1384	70.95	98.2
12/29/88	RIFS1	14718	1396	97.99	136.75
12/30/88	RIFS1	14720	1404	93.96	131.9
01/03/89	RIFS1	14724	1438	128.38	184.6
01/04/89	RIFS1	14726	1377	64.14	88.3
01/05/89	RIFS1	14730	1271	35.45	45.05
01/06/89	RIFS1	14732	1475	32.11	47.35
01/08/89	RIFS1	14734	438	182.69	80.1
01/09/89	RIFS1	14736	1392	59.79	83.25
01/10/89	RIFS1	14737	1409	35.31	49.75
01/11/89	RIFS1	14739	1425	27.93	39.8
01/12/89	RIFS1	14740	1451	70.88	102.85
01/13/89	RIFS1	14742	1386	77.87	107.95
01/17/89	RIFS1	14748	1415	56.10	79.35
01/18/89	RIFS1	14752	1372	52.16	71.55
01/25/89	RIFS1	14758	1474	68.47	100.9
01/26/89	RIFS1	14760	1363	59.14	80.6
01/30/89	RIFS1	14766	1362	63.00	85.8
01/31/89	RIFS1	14768	1375	61.90	85.1
02/08/89	RIFS1	14780	1448	138.67	200.75
02/09/89	RIFS1	14784	1445	161.90	233.95
02/13/89	RIFS1	14786	1459	30.37	44.3
02/14/89	RIFS1	14788	1423	77.27	109.95
02/22/89	RIFS1	14797	1426	67.69	96.55
02/24/89	RIFS1	14953	1381	73.37	101.35
02/27/89	RIFS1	14955	1441	6.28	9.05
02/28/89	RIFS1	14957	1385	45.91	63.6
03/07/89	RIFS1	14964	1391	98.96	137.7
03/09/89	RIFS1	14969	1399	79.12	110.7
03/15/89	RIFS1	14973	1341	58.37	78.25
03/17/89	RIFS1	14978	1396	67.44	94.15
03/20/89	RIFS1	14980	1365	39.97	54.55
03/21/89	RIFS1	14981	1405	83.07	116.75
03/23/89	RIFS1	14984	1413	51.94	73.4
03/28/89	RIFS1	14986	1375	42.32	58.2
03/30/89	RIFS1	14987	1407	33.37	46.95
04/05/89	RIFS1	14989	1344	55.20	74.2
04/06/89	RIFS1	14990	1393	53.18	74.1
04/10/89	RIFS1	14992	1415	53.49	75.7
04/13/89	RIFS1	18351	1376	66.35	91.3
04/18/89	RIFS1	18353	1414	73.79	104.35
04/20/89	RIFS1	18354	1387	53.31	73.95
04/24/89	RIFS1	18356	1329	111.20	147.8
04/25/89	RIFS1	18358	1374	94.33	129.6
05/04/89	RIFS1	18359	1562	58.87	91.95

TOTAL SUSPENDED PARTICULATES (TSP) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	CONC UG/M3	NET WEIGHT MG
12/20/88	RIFS2	14709	1352	53.02	71.7
12/21/88	RIFS2	14711	1406	28.55	40.15
12/27/88	RIFS2	14715	1421	56.45	80.2
12/30/88	RIFS2	14722	1404	81.34	114.2
01/03/89	RIFS2	14725	1428	72.39	103.4
01/04/89	RIFS2	14729	1444	32.90	47.5
01/09/89	RIFS2	14735	1410	46.29	65.25
01/13/89	RIFS2	14743	1458	51.58	75.2
01/17/89	RIFS2	14751	1415	51.46	72.8
01/18/89	RIFS2	14753	1387	27.32	37.9
01/25/89	RIFS2	14759	1424	41.16	58.6
01/26/89	RIFS2	14763	1431	48.10	68.85
01/30/89	RIFS2	14767	1328	36.79	48.85
01/31/89	RIFS2	14771	1388	32.71	45.4
02/08/89	RIFS2	14782	1461	88.30	129.05
02/09/89	RIFS2	14785	1437	121.41	174.5
02/13/89	RIFS2	14787	1415	16.50	23.35
02/14/89	RIFS2	14790	1429	42.95	61.35
02/22/89	RIFS2	14799	1426	43.48	62
02/24/89	RIFS2	14954	1386	42.60	59.05
02/27/89	RIFS2	14956	1466	6.69	9.8
02/28/89	RIFS2	14959	1345	30.33	40.8
03/07/89	RIFS2	14965	1397	76.54	106.9
03/09/89	RIFS2	14970	1404	71.00	99.7
03/15/89	RIFS2	14975	1345	50.51	67.95
03/17/89	RIFS2	14979	1407	62.27	87.6

TOTAL SUSPENDED PARTICULATES (TSP) DATA
(IN UG/M3)

DATE	SITE	TAG NO.	VOLUME M3	CONC UG/M3	NET WEIGHT MG
12/15/88	RIFS1D	14702	1488	69.29	103.1
12/21/88	RIFS1D	14712	1378	61.14	84.25
12/30/88	RIFS1D	14721	1406	94.93	133.45
01/04/89	RIFS1D	14727	1377	64.73	89.15
01/13/89	RIFS1D	14744	1388	77.30	107.25
01/17/89	RIFS1D	14749	1428	58.04	82.9
01/26/89	RIFS1D	14761	1366	60.84	83.1
01/31/89	RIFS1D	14769	1376	64.56	88.8
02/08/89	RIFS1D	14781	1469	142.53	209.4
02/14/89	RIFS1D	14789	1422	81.41	115.75
02/28/89	RIFS1D	14958	1386	48.25	66.9
03/15/89	RIFS1D	14974	1341	59.34	79.55
03/30/89	RIFS1D	14988	1402	34.23	48
04/13/89	RIFS1D	18352	1377	68.22	93.95
04/24/89	RIFS1D	18357	1330	109.19	145.25

SUMMARY OF ARSENIC AND METALS RIFS ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ARSENIC RESULTS	CADMIUM RESULTS	CHROMIUM RESULTS	COPPER RESULTS	LEAD RESULTS	ZINC RESULTS
12/16/88	14702	RIFS1C	0.0012	0.0044	LT 0.0051	0.0810	0.0580	0.0580
12/21/88	14708	RIFS1	0.0010	0.0014	LT 0.0051	0.0930	0.0550	0.0770
12/21/88	14709	RIFS2	0.0010	LT 0.0004	LT 0.0051	0.0990	0.0350	0.0450
12/22/88	14710	RIFS1	LT 0.0004	LT 0.0004	LT 0.0051	0.0680	0.0250	0.0520
12/22/88	14711	RIFS2	LT 0.0004	LT 0.0004	LT 0.0051	0.0410	0.0150	0.0310
12/22/88	14712	RIFS1D	LT 0.0004	LT 0.0004	LT 0.0051	0.0580	0.0240	0.0450
12/28/88	14714	RIFS1	0.0010	0.0018	LT 0.0051	0.0770	0.0430	0.0500
12/28/88	14715	RIFS2	0.0008	0.0006	LT 0.0051	0.0670	0.0270	0.0280
12/29/88	14716	RIFS1	0.0009	0.0027	LT 0.0051	0.0570	0.0490	0.0520
12/30/88	14718	RIFS1	0.0008	0.0052	LT 0.0051	0.1200	0.0590	0.0690
12/31/88	14720	RIFS1	0.0011	0.0016	LT 0.0051	0.1200	0.0560	0.0570
12/31/88	14721	RIFS1D	10.000	0.0018	LT 0.0051	0.1400	0.0580	0.0590
12/31/88	14722	RIFS2	0.0013	0.0009	LT 0.0051	0.0950	0.0370	0.0400
01/4/89	14724	RIFS1	0.0009	0.0019	LT 0.0051	0.1100	0.0770	0.1000
01/4/89	14725	RIFS2	0.0008	0.0012	LT 0.0051	0.0830	0.0360	0.0580
01/5/89	14726	RIFS1	0.0006	0.0011	LT 0.0051	0.0700	0.0360	0.0530
01/5/89	14727	RIFS1D	0.0005	0.0013	LT 0.0051	0.0610	0.0390	0.0530
01/5/89	14729	RIFS2	0.0007	0.0007	LT 0.0051	0.0540	0.0230	0.0370
01/6/89	14730	RIFS1	0.0005	0.0029	LT 0.0051	0.0866	0.0478	0.0389
01/7/89	14732	RIFS1	LT 0.0004	LT 0.0004	LT 0.0051	0.0109	0.0126	0.0217
01/9/89	14734	RIFS1	0.0014	LT 0.0004	LT 0.0051	LT 0.0087	0.0291	0.0689
01/10/89	14735	RIFS2	LT 0.0004	LT 0.0004	LT 0.0051	0.0929	0.0077	0.0215
01/10/89	14736	RIFS1	0.0005	0.0010	LT 0.0051	0.0505	0.0185	0.0437
01/11/89	14737	RIFS1	LT 0.0004	LT 0.0004	LT 0.0051	0.0428	0.0128	0.0273
01/12/89	14739	RIFS1	0.0006	0.0011	LT 0.0051	0.0702	0.0214	0.0304
01/13/89	14740	RIFS1	0.0004	0.0017	LT 0.0051	0.0834	0.0488	0.0567
01/14/89	14742	RIFS1	0.0006	0.0013	LT 0.0051	0.1080	0.0455	0.0794
01/14/89	14743	RIFS2	0.0005	0.0009	LT 0.0051	0.1040	0.0311	0.0337
01/18/89	14748	RIFS1	0.0007	0.0014	LT 0.0051	0.1070	0.0318	0.0485
01/18/89	14749	RIFS1D	0.0006	0.0016	LT 0.0051	0.1020	0.0335	0.0494
01/18/89	14751	RIFS2	0.0007	0.0006	LT 0.0051	0.0735	0.0201	0.0415
01/19/89	14752	RIFS1	LT 0.0004	LT 0.0004	LT 0.0051	0.0480	0.0150	0.0319
01/19/89	14753	RIFS2	LT 0.0004	LT 0.0004	LT 0.0051	0.0535	0.0073	0.0143
01/26/89	14758	RIFS1	0.0009	0.0009	LT 0.0051	0.1490	0.0425	0.0642
01/26/89	14759	RIFS2	0.0006	LT 0.0004	LT 0.0051	0.1680	0.0217	0.0374
01/27/89	14760	RIFS1	0.0005	LT 0.0004	LT 0.0051	0.1310	0.0460	0.0641
01/27/89	14761	RIFS1D	0.0005	LT 0.0004	LT 0.0051	0.1570	0.0466	0.0649
01/27/89	14763	RIFS2	0.0005	LT 0.0004	LT 0.0051	0.1080	0.0267	0.0423
01/31/89	14766	RIFS1	LT 0.0004	0.0012	LT 0.0051	0.1150	0.0476	0.0650
01/31/89	14767	RIFS2	LT 0.0004	LT 0.0004	LT 0.0051	0.0986	0.0233	0.0322
02/1/89	14768	RIFS1	0.0008	LT 0.0004	LT 0.0051	0.0305	0.0156	0.0270
02/1/89	14769	RIFS1D	0.0008	LT 0.0004	LT 0.0051	0.0226	0.0153	0.0273
02/1/89	14771	RIFS2	0.0006	LT 0.0004	LT 0.0051	0.0239	LT 0.0050	0.0143
02/9/89	14780	RIFS1	0.0015	0.0067	LT 0.0051	0.0671	0.0656	0.0657
02/9/89	14781	RIFS1D	0.0015	0.0065	LT 0.0051	0.0749	0.0674	0.0655
02/9/89	14782	RIFS2	0.0013	0.0032	LT 0.0051	0.0732	0.0422	0.0383
02/10/89	14784	RIFS1	0.0016	0.0057	LT 0.0051	0.0734	0.1080	0.1110
02/10/89	14785	RIFS2	0.0013	0.0026	LT 0.0051	0.0918	0.0779	0.0676
02/14/89	14786	RIFS1	0.0006	LT 0.0004	LT 0.0051	0.0324	0.0070	0.0141
02/14/89	14787	RIFS2	0.0005	LT 0.0004	LT 0.0051	0.0243	LT 0.0050	0.0080
02/15/89	14788	RIFS1	0.0038	LT 0.0004	LT 0.0051	0.0564	0.0186	0.0327

SUMMARY OF ARSENIC AND METALS RIFS ALL UNITS ARE IN UG/M2

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ARSENIC RESULTS	CADMIUM RESULTS	CHROMIUM RESULTS	COPPER RESULTS	LEAD RESULTS	ZINC RESULTS
02/15/89	14789	RIFS1D	0.0039	LT 0.0004	LT 0.0051	0.0690	0.0224	0.0362
02/15/89	14790	RIFS2	0.0034	LT 0.0004	LT 0.0051	0.0543	0.0104	0.0162
02/23/89	14797	RIFS1	0.0012	0.0012	0.0141	0.0468	0.0414	0.0606
02/23/89	14799	RIFS2	0.0008	0.0005	LT 0.0051	0.0715	0.0244	0.0418
02/25/89	14953	RIFS1	0.0008	0.0013	LT 0.0051	0.0540	0.0459	0.0854
02/25/89	14954	RIFS2	0.0006	0.0007	LT 0.0051	0.1310	0.0275	0.0467
03/8/89	14964	RIFS1	0.0010	0.0025	LT 0.0051	0.1180	0.0553	0.0791
03/8/89	14965	RIFS2	0.0008	0.0021	LT 0.0051	0.1260	0.0385	0.0501
03/10/89	14969	RIFS1	0.0025	0.0020	LT 0.0051	0.1010	0.0440	0.0635
03/10/89	14970	RIFS2	0.0023	0.0013	LT 0.0051	0.0976	0.0260	0.0457
03/16/89	14973	RIFS1	0.0007	0.0040	LT 0.0051	0.1180	0.0230	0.0442
03/16/89	14974	RIFS1D	0.0006	0.0042	LT 0.0051	0.1360	0.0242	0.0469
03/16/89	14975	RIFS2	LT 0.0004	LT 0.0004	LT 0.0051	0.0535	0.0083	0.0210
03/18/89	14978	RIFS1	0.0005	LT 0.0004	LT 0.0051	0.1200	0.0076	0.0192
03/18/89	14979	RIFS2	0.0007	LT 0.0004	LT 0.0051	0.0598	0.0062	0.0126
03/21/89	14980	RIFS1	0.0007	LT 0.0004	LT 0.0051	0.1330	0.0152	0.0303
03/22/89	14981	RIFS1	0.0005	LT 0.0004	LT 0.0051	0.0904	0.0147	0.0317
03/24/89	14984	RIFS1	0.0005	0.0009	LT 0.0051	0.0870	0.0096	0.0290
03/29/89	14986	RIFS1	LT 0.0004	LT 0.0004	LT 0.0051	0.1250	0.0139	0.0212
03/31/89	14987	RIFS1	LT 0.0004	LT 0.0004	LT 0.0051	0.1110	0.0161	0.0301
03/31/89	14988	RIFS1D	LT 0.0004	LT 0.0004	LT 0.0051	0.1300	0.0165	0.0309
04/6/89	14989	RIFS1	LT 0.0004	LT 0.0004	LT 0.0051	0.0237	0.0157	0.0294
04/7/89	14990	RIFS1	LT 0.0004	0.0009	LT 0.0051	0.0551	0.0204	0.0323
04/11/89	14992	RIFS1	0.0005	LT 0.0004	LT 0.0051	0.0919	0.0241	0.0346
04/16/89	18351	RIFS1	0.0006	LT 0.0004	LT 0.0051	0.0894	0.0368	0.0454
04/16/89	18352	RIFS1D	0.0006	LT 0.0004	LT 0.0051	0.1180	0.0381	0.3330
04/25/89	18356	RIFS1	0.0007	LT 0.0004	LT 0.0051	0.1020	0.0076	0.0296
04/25/89	18357	RIFS1D	0.0007	LT 0.0004	LT 0.0051	0.0448	0.0134	0.0310
04/26/89	18358	RIFS1	0.0008	LT 0.0004	LT 0.0051	0.1220	0.0167	0.0342
05/5/89	18359	RIFS1	0.0005	LT 0.0004	LT 0.0051	GT 0.3070	0.0147	0.0362

SUMMARY OF MERCURY FOR RIFS ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	MERCURY RESULTS
12/16/88	5841	RIFS1C	LT 0.6200
12/21/88	5848	RIFS1	LT 0.6200
12/21/88	5852	RIFS2	LT 0.6200
12/22/88	5859	RIFS1	LT 0.6200
12/22/88	5863	RIFS1D	LT 0.6200
12/22/88	5871	RIFS2	LT 0.6200
12/28/88	5881	RIFS2	LT 0.6200
12/28/88	5885	RIFS1	LT 0.6200
12/29/88	5904	RIFS1	LT 0.6200
12/30/88	5908	RIFS1	LT 0.6200
12/31/88	5888	RIFS1	LT 0.6200
12/31/88	5892	RIFS1D	LT 0.6200
12/31/85	5896	RIFS2	LT 0.6200
01/26/89	16662	RIFS1	LT 0.6180
01/26/89	16666	RIFS2	LT 0.6180
01/27/89	16670	RIFS1	LT 0.6180
01/27/89	16674	RIFS1D	LT 0.6180
01/27/89	16678	RIFS2	LT 0.6180
01/31/89	16686	RIFS1	LT 0.6180
01/31/89	16690	RIFS2	LT 0.6180
02/1/89	16694	RIFS1	LT 0.6180
02/1/89	16698	RIFS1D	LT 0.6180
02/1/89	16702	RIFS2	LT 0.6180
02/9/89	16718	RIFS1	LT 0.6180
02/9/89	16722	RIFS1D	LT 0.6180
02/9/89	16726	RIFS2	LT 0.6180
02/10/89	16734	RIFS1	LT 0.6180
02/10/89	16738	RIFS2	LT 0.6180
02/14/89	16742	RIFS1	LT 0.6180
02/14/89	16746	RIFS2	LT 0.6180
02/15/89	16750	RIFS1	LT 0.6180
02/15/89	16754	RIFS1D	LT 0.6180
02/15/89	16758	RIFS2	LT 0.6180
02/23/89	20002	RIFS1	LT 0.6180
02/23/89	20002	RIFS1	LT 0.6200
02/23/89	20006	RIFS2	LT 0.6180
02/23/89	20006	RIFS2	LT 0.6200
02/25/89	20014	RIFS1	LT 0.6180
02/25/89	20014	RIFS1	LT 0.6200
02/25/89	20018	RIFS2	LT 0.6180
02/25/89	20018	RIFS2	LT 0.6200
02/28/89	20022	RIFS1	LT 0.6180
02/28/89	20022	RIFS1	LT 0.6200
02/28/89	20026	RIFS2	LT 0.6180
02/28/89	20026	RIFS2	LT 0.6200
03/1/89	20030	RIFS1	LT 0.6180
03/1/89	20030	RIFS1	LT 0.6200
03/1/89	20034	RIFS1D	LT 0.6180
03/1/89	20034	RIFS1D	LT 0.6200
03/8/89	20048	RIFS1	LT 0.6180
03/8/89	20048	RIFS1	LT 0.6200

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SUMMARY OF MERCURY FOR RIFS ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	MERCURY RESULTS
03/8/89	20052	RIFS2	LT 0.6180
03/8/89	20052	RIFS2	LT 0.6200
03/10/89	20060	RIFS1	LT 0.6180
03/10/89	20060	RIFS1	LT 0.6200
03/10/89	20064	RIFS2	LT 0.6180
03/10/89	20064	RIFS2	LT 0.6200
03/16/89	20068	RIFS1	LT 0.6180
03/16/89	20068	RIFS1	LT 0.6200
03/16/89	20072	RIFS1D	LT 0.6180
03/16/89	20072	RIFS1D	LT 0.6200
03/16/89	20076	RIFS2	LT 0.6180
03/16/89	20076	RIFS2	LT 0.6200
03/18/89	20080	RIFS1	LT 0.6180
03/18/89	20080	RIFS1	LT 0.6200
03/18/89	20084	RIFS2	LT 0.6180
03/18/89	20084	RIFS2	LT 0.6200
03/21/89	20088	RIFS1	LT 0.6180
03/22/89	20092	RIFS1	LT 0.6180
03/24/89	20100	RIFS1	LT 0.6180
03/29/89	20104	RIFS1	LT 0.6180
03/31/89	20108	RIFS1	LT 0.6180
03/31/89	20112	RIFS1D	LT 0.6180
04/6/89	20115	RIFS1	LT 0.6180
04/7/89	20118	RIFS1	LT 0.6180
04/11/89	20124	RIFS1	LT 0.6180
04/14/89	20127	RIFS1	LT 0.6180
04/14/89	20130	RIFS1D	LT 0.6180
04/19/89	20133	RIFS1	LT 0.6180
04/21/89	20136	RIFS1	LT 0.6180
04/25/89	20142	RIFS1	LT 0.6180
04/25/89	20145	RIFS1D	LT 0.6180
04/26/89	20148	RIFS1	LT 0.6180
05/5/89	20151	RIFS1	LT 0.6180

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
10/22/88	05801T	05801TC	RIFS1	0.7450 b	LT 0.0300	LT 0.0240	LT 0.0210	2.8400	LT 0.0420	1.8200 a	0.2080 a	5.2200 a	0.1400 b	LT 0.0330
10/29/88	05803T	05803TC	RIFS1	2.1900 a	LT 0.0295	LT 0.0243	0.1340 a	GT 0.3470	0.4930 a	GT 0.3470	0.4330 a	5.2500 a	0.5280 b	0.0738
11/1/88	05802T	05802TC	RIFS1	0.9720 a	LT 0.0295	LT 0.0243	LT 0.0208	2.7500	LT 0.0417	2.1200 a	0.2780 a	13.700	1.1500 a	0.1230
11/2/88	05804T	05804TC	RIFS1	2.1300 a	LT 0.0295	LT 0.0243	LT 0.0208	4.5600	LT 0.0417	3.5600 a	0.3850 a	3.8100 a	0.0959 b	LT 0.0330
11/10/88	05806T	05806TC	RIFS1	1.5200 a	LT 0.0295	LT 0.0243	0.1490	1.6600	LT 0.0417	4.6300 a	0.7440 a	1.3200 b	0.1420 b	LT 0.0330
11/17/88	05808	05809	RIFS1	2.7200 a	LT 0.0295	LT 0.0243	0.2480	2.8000	LT 0.0417	5.3900	0.8730 a	5.3100 a	0.1350 b	LT 0.0330
11/19/88	05812	05813	RIFS1	0.9360 a	LT 0.0295	LT 0.0243	0.0787	0.5700	LT 0.0417	1.8300	0.5720 a	0.6040 a	0.3910	LT 0.0330
11/22/88	05814	05815	RIFS1	0.9540 a	LT 0.0295	LT 0.0243	LT 0.0208	1.9400	LT 0.0417	2.9000 a	0.3190 a	1.7100 a	LT 0.0208	LT 0.0330
11/23/88	05816	05817	RIFS1	GT 0.3470	LT 0.0295	LT 0.0243	LT 0.0208	2.3700	LT 0.0417	2.7200 a	0.2420 a	2.5100 a	LT 0.0208	LT 0.0330
12/1/88	05820	05821	RIFS1	0.8590 a	LT 0.0295	LT 0.0243	LT 0.0208	2.1400	LT 0.0417	2.4500 a	0.2100 a	2.7600 a	LT 0.0208	LT 0.0330
12/2/88	05824	05825	RIFS1	1.2100 a	LT 0.0295	LT 0.0243	LT 0.0208	1.5200	LT 0.0417	2.5300 a	0.2610 a	2.0800 a	LT 0.0208	LT 0.0330
12/6/88	05826	05827	RIFS1	4.7800 a	LT 0.0295	LT 0.0243	LT 0.0208	4.4400	0.4140 a	8.5100	0.6160 a	4.9200 a	1.3300 a	LT 0.0330
12/10/88	05828	05829	RIFS1	4.4300 a	LT 0.0295	LT 0.0243	LT 0.0208	2.3300	LT 0.0417	9.5900	0.9460 a	5.2800 a	0.4710 a	LT 0.0330
12/13/88	05832	05833	RIFS1	1.7100 a	LT 0.0295	LT 0.0243	0.0390 b	1.1500	LT 0.0417	3.2400	0.4590 a	1.2200 a	0.0710 b	LT 0.0330
12/16/88	05839	05840	RIFS1C	5.3800 a	LT 0.0295	LT 0.0243	LT 0.0208	2.8500	LT 0.0417	9.4800	1.3100 a	3.7700 a	0.4580	LT 0.0330
12/21/88	05846	05847	RIFS1	4.2400 a	LT 0.0295	LT 0.0243	LT 0.0208	2.4000	LT 0.0417	6.5300	0.8070 a	7.4200 a	0.3970	LT 0.0330
12/21/88	05850	05851	RIFS2	3.7400 a	LT 0.0295	LT 0.0243	LT 0.0208	1.1900	0.0743	4.6800	1.3200 a	6.8800 a	0.4220	LT 0.0330

a - t/c weight).25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number	Site id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl Ketone	N-Nitroso-dimethylamine	Trans-1, 2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta- & Para-Xylene
10/22/88	05801T 05801TC	RIFS1	LT 0.0380	LT 0.0450	LT 0.0470	1.6300	5.7400	0.2140	LT 0.1000	LT 0.0400	1.1900	LT 0.0520	6.3800
10/29/88	05803T 05803TC	RIFS1	0.4040	3.7700	0.1130	2.9800	16.500	LT 0.0174	LT 0.1020	LT 0.0399	1.8500	0.1590	GT 0.6940
11/1/88	05802T 05802TC	RIFS1	0.3890	LT 0.0451	LT 0.0469	1.7200	9.4900	0.1870	LT 0.1020	LT 0.0399	1.9200	0.2560 a	GT 0.6940
11/2/88	05804T 05804TC	RIFS1	LT 0.0382	0.2920	LT 0.0469	2.4700	14.800	0.5140	LT 0.1020	LT 0.0399	1.3400	0.1930 a	GT 0.6940
11/10/88	05806T 05806TC	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.0800	5.4100	LT 0.0174	LT 0.1020	LT 0.0399	0.5740	0.0710	1.9300
11/17/88	05808 05809	RIFS1	LT 0.0382	0.2760	LT 0.0469	1.8200	7.6900	LT 0.0174	LT 0.1020	LT 0.0399	1.1200	0.1420	3.2200
11/19/88	05812 05813	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.4360	2.7500	LT 0.0174	LT 0.1020	LT 0.0399	0.5030	LT 0.0521	1.5800
11/22/88	05814 05815	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.3800	4.5000	LT 0.0174	LT 0.1020	LT 0.0399	1.3800	0.0869	2.4200
11/23/88	05816 05817	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.4900	5.4200	LT 0.0174	LT 0.1020	LT 0.0399	2.2700	0.0803	2.7100
12/1/88	05820 05821	RIFS1	LT 0.0382	LT 0.0451	0.0538	1.6200	6.2100	LT 0.0174	LT 0.1020	LT 0.0399	2.0000	0.0710	2.5500
12/2/88	05824 05825	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.9000	4.5000	LT 0.0174	LT 0.1020	LT 0.0399	1.8700	0.0948	1.9700
12/6/88	05826 05827	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	3.0000	11.900	0.2590	LT 0.1020	LT 0.0399	2.8000	0.2100	3.3800
12/10/88	05828 05829	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.8200	9.1200	LT 0.0174	LT 0.1020	LT 0.0399	1.5200	0.1220	3.3100
12/13/88	05832 05833	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.9060	4.5300	LT 0.0174	LT 0.1020	LT 0.0399	1.3200	LT 0.0521	1.5000
12/16/88	05839 05840	RIFS1C	LT 0.0382	LT 0.0451	LT 0.0469	2.3000	7.5400	LT 0.0174	LT 0.1020	LT 0.0399	1.0500	0.1260	3.6100
12/21/88	05846 05847	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.8500	7.3800	LT 0.0174	LT 0.1020	LT 0.0399	1.8500	0.4260	2.7300
12/21/88	05850 05851	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	0.8630	4.3200	LT 0.0174	LT 0.1020	LT 0.0399	0.7910	0.1350	1.6500

a - t/c weight).25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

Sample Date	Field Sample Number		Site id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
12/22/88	05860	05861	RIFS1	1.0900 a	LT 0.0300	LT 0.0240	0.1100	0.8160	LT 0.0420	2.5600	0.7180	0.8340 a	0.1530 a	LT 0.0330
12/22/88	05864	05865	RIFS1D	1.1400 a	LT 0.0300	LT 0.0240	LT 0.0210	0.8390	LT 0.0420	2.6500	0.7490	0.8200 a	10.000	LT 0.0330
12/22/88	05872	05873	RIFS2	0.9730 a	LT 0.0300	LT 0.0240	0.0920	0.4810	LT 0.0420	1.9600	0.6350	1.1000 a	10.000	LT 0.0330
12/28/88	05883	05884	RIFS1	3.1400 a	LT 0.0295	LT 0.0243	LT 0.0208	2.6000	LT 0.0417	8.1100	1.0700 a	3.6600 a	0.4000	LT 0.0330
12/28/88	05879	05880	RIFS2	2.0100 a	LT 0.0295	LT 0.0243	LT 0.0208	1.5600	LT 0.0417	5.5900	0.8560 a	2.7900 a	0.2170	LT 0.0330
12/29/88	05905	05906	RIFS1	3.6100 a	LT 0.0295	LT 0.0243	0.2340	4.5400	LT 0.0417	8.5600	0.8960 a	4.0800 a	0.3870	LT 0.0330
12/30/88	05909	05910	RIFS1	3.4600 a	LT 0.0295	LT 0.0243	0.3850	4.5900	LT 0.0417	9.7900	0.7660 a	6.6800 a	1.0600	LT 0.0330
12/31/88	05889	05890	RIFS1	4.9000 a	LT 0.0295	LT 0.0243	LT 0.0208	3.4200	LT 0.0417	11.800	0.9240 a	9.9000 a	0.6940 a	0.0348
12/31/88	05893	05894	RIFS1D	4.5800 a	LT 0.0300	LT 0.0240	LT 0.0210	4.6900	LT 0.0420	14.200	0.8420 a	8.1600 a	0.5500 a	LT 0.0330
12/31/88	05897	05898	RIFS2	3.7000 a	LT 0.0300	LT 0.0240	LT 0.0210	3.4600	LT 0.0420	8.5000	1.0200 a	5.0200 a	0.3400	LT 0.0330
01/4/89	17500	17481	RIFS1	2.9500 a	LT 0.0295	LT 0.0243	LT 0.0208	3.6400	LT 0.0417	8.7500	0.8590	11.300 a	0.2500	LT 0.0330
01/4/89	17484	17485	RIFS2	3.9000 a	LT 0.0300	LT 0.0240	LT 0.0210	2.5200	LT 0.0420	5.9800	0.8780 a	17.000 a	0.2580 a	LT 0.0330
01/5/89	17488	17489	RIFS1	2.4400 a	LT 0.0300	LT 0.0240	LT 0.0210	2.4700	LT 0.0420	5.1200	0.7190 a	32.500 a	0.1950 a	0.3200
01/5/89	17472	17473	RIFS1D	2.4000 a	LT 0.0300	LT 0.0240	LT 0.0210	2.3600	LT 0.0420	5.3500 a	0.5700 a	22.900 a	0.1840 a	0.0560
01/5/89	17480	17461	RIFS2	1.7200 a	LT 0.0295	LT 0.0243	LT 0.0208	1.2300	LT 0.0417	3.2200 a	0.6470 a	14.400 a	0.1250 a	LT 0.0330
01/6/89	17443	17444	RIFS1	1.9200 a	LT 0.0295	LT 0.0243	LT 0.0208	1.8800	LT 0.0417	5.6900	0.5660 a	1.1800 a	0.0841 b	LT 0.0330
01/7/89	17447	17448	RIFS1	0.9190 a	LT 0.0295	LT 0.0243	0.1160	0.2990	LT 0.0417	1.4900	0.8670	0.6510 a	0.1030	LT 0.0330

a - t/c weight).25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site Id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl Ketone	N-Nitroso-dimethylamine	Trans-1, 2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta- & Para-Xylene
12/22/88	05860	05861	RIFS1	LT 0.0380	LT 0.0450	LT 0.0470	0.5780	3.1600	LT 0.0170	LT 0.1000	LT 0.0400	0.4080	LT 0.0520	1.0500
12/22/88	05864	05865	RIFS1D	LT 0.0380	LT 0.0450	LT 0.0470	0.5940	3.2900	LT 0.0170	LT 0.1000	LT 0.0400	0.4200	LT 0.0520	1.0500
12/22/88	05872	05873	RIFS2	LT 0.0380	LT 0.0450	LT 0.0470	0.3780	2.1000	LT 0.0170	LT 0.1000	LT 0.0400	0.4400	LT 0.0520	0.6530
12/28/88	05883	05884	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	2.1700	7.6700	LT 0.0174	LT 0.1020	LT 0.0399	1.9300	0.1530	2.9000
12/28/88	05879	05880	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	1.3300	5.4400	LT 0.0174	LT 0.1020	LT 0.0399	0.8500	0.0948	1.8700
12/29/88	05905	05906	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	3.3600	11.400	LT 0.0174	LT 0.1020	LT 0.0399	3.2500	0.1940	9.0000
12/30/88	05909	05910	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	3.4300	12.600	LT 0.0174	LT 0.1020	LT 0.0399	3.1800	0.1660	9.4400
12/31/88	05889	05890	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	4.7900	15.400	LT 0.0174	LT 0.1020	LT 0.0399	3.1800	0.3080	12.300
12/31/88	05893	05894	RIFS1D	LT 0.0380	LT 0.0450	LT 0.0470	3.6100	13.000	LT 0.0170	LT 0.1000	LT 0.0400	3.3200	0.2600	10.100
12/31/88	05897	05898	RIFS2	LT 0.0380	LT 0.0450	LT 0.0470	2.8400	10.700	LT 0.0170	LT 0.1000	LT 0.0400	2.4900	0.1500	7.9600
01/4/89	17500	17481	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	2.6200	9.9300	LT 0.0174	LT 0.1020	LT 0.0399	3.1800	0.1340	7.9500
01/4/89	17484	17485	RIFS2	LT 0.0380	LT 0.0450	LT 0.0470	1.9500	7.8000	LT 0.0170	LT 0.1000	LT 0.0400	1.7000	0.0980	6.0300
01/5/89	17488	17489	RIFS1	LT 0.0380	LT 0.0450	LT 0.0470	1.7700	7.7700	LT 0.0170	LT 0.1000	LT 0.0400	1.7000	0.1300	5.6500
01/5/89	17472	17473	RIFS1D	LT 0.0380	LT 0.0450	LT 0.0470	1.7000	6.9400	LT 0.0170	LT 0.1000	LT 0.0400	1.5600	0.0910	5.5600
01/5/89	17480	17461	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	0.9590	4.7900	LT 0.0174	LT 0.1020	LT 0.0399	1.1300	0.0631	3.3900
01/6/89	17443	17444	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.4800	7.3800	LT 0.0174	LT 0.1020	LT 0.0399	1.3300	0.0978	5.1700
01/7/89	17447	17448	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.1360	0.8600	LT 0.0174	LT 0.1020	LT 0.0399	0.1470	0.0406	0.4460

a - t/c weight).25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

Sample Date	Field Sample Number		Site id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
01/9/89	17451	17452	RIFS1	1.2900 a	LT 0.0295	LT 0.0243	LT 0.0208	0.4500	LT 0.0417	1.6600 a	0.6770 a	1.5400 a	0.0917	LT 0.0330
01/10/89	17455	17456	RIFS1	1.9800 a	LT 0.0295	LT 0.0243	LT 0.0208	1.3500	LT 0.0417	4.5400 a	0.6340 a	1.5100 a	0.1730 a	0.0396
01/10/89	17459	17460	RIFS2	1.2700 a	LT 0.0295	LT 0.0243	0.0334 b	0.6340	LT 0.0417	2.8500	0.5950 a	0.6540 a	0.1140 a	0.0971 a
01/11/89	17464	17465	RIFS1	1.3500 a	LT 0.0295	LT 0.0243	LT 0.0208	1.1700	LT 0.0417	5.0800	0.7690 a	1.1400 a	0.4190	LT 0.0330
01/12/89	17468	17469	RIFS1	2.5600	LT 0.0295	LT 0.0243	LT 0.0208	3.0500	LT 0.0417	9.1200	0.8770	1.8100 a	0.3090	0.0331
01/13/89	16603	16604	RIFS1	4.1300 a	LT 0.0300	LT 0.0240	LT 0.0210	2.6900	LT 0.0420	8.5100	1.2400 a	1.9000 a	0.4350	LT 0.0330
01/14/89	16607	16608	RIFS1	3.4900 a	LT 0.0300	LT 0.0240	0.0460 b	3.1100	LT 0.0420	10.300	1.2600 a	2.0300 a	0.2700 a	0.0630
01/14/89	16611	16612	RIFS1D	4.4100 a	LT 0.0300	LT 0.0240	LT 0.0210	3.4300	LT 0.0420	11.600	1.2700 a	2.0700 a	0.2900 a	0.0520
01/14/89	16615	16616	RIFS2	3.5700 a	LT 0.0300	LT 0.0240	LT 0.0210	2.8300	LT 0.0420	10.900	1.2500	1.1200 a	0.3620 a	0.0440
01/18/89	16631	16632	RIFS1	2.8300 a	LT 0.0295	LT 0.0243	LT 0.0208	1.6900	LT 0.0417	4.6600	1.0100 a	1.4200 a	0.2200 a	LT 0.0330
01/18/89	16635	16636	RIFS1D	3.3700 a	LT 0.0295	LT 0.0243	LT 0.0208	2.0600	LT 0.0417	6.9500	1.1000 a	1.5600 a	0.2540 a	LT 0.0330
01/18/89	16639	16640	RIFS2	2.3400 a	LT 0.0295	LT 0.0243	LT 0.0208	1.4000	LT 0.0417	5.6300	1.0500	0.9460 a	0.1700 a	0.0396
01/19/89	16647	16648	RIFS1	1.8900 a	LT 0.0295	LT 0.0243	3.4100 a	0.9620	LT 0.0417	2.1300	8.5900 a	1.1400 a	0.3090 a	LT 0.0330
01/19/89	16651	16652	RIFS2	1.1500 a	LT 0.0295	LT 0.0243	3.8000 a	0.6270	LT 0.0417	1.9700	9.7600 a	1.0200 a	0.3370 a	LT 0.0330
01/26/89	16663	16664	RIFS1	2.0300 a	LT 0.0295	LT 0.0243	0.5390 a	1.4000	LT 0.0417	3.7900	2.5600 a	2.5900 a	0.2510	0.0403
01/27/89	16675	16676	RIFS1D	3.9000 a	LT 0.0295	LT 0.0243	1.0900 a	2.9200	LT 0.0417	8.8900	4.4600 a	3.4800 a	0.4170 a	LT 0.0330
01/31/89	16687	16688	RIFS1	3.4400 a	LT 0.0295	LT 0.0243	0.0771	1.4400	LT 0.0417	GT 0.3470	0.6890 a	1.5300 a	0.0993 b	LT 0.0330

a - t/c weight >.25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site Id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl Ketone	N-Nitroso-dimethylamine	Trans-1, 2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta- & Para-Xylene
01/9/89	17451	17452	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.3310	2.0000	LT 0.0174	LT 0.1020	LT 0.0399	0.3940	LT 0.0330	1.2200
01/10/89	17455	17456	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.1300	6.9600	LT 0.0174	LT 0.1020	LT 0.0399	0.9220	0.0696	3.5500
01/10/89	17459	17460	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	0.7040	2.7100	LT 0.0174	LT 0.1020	LT 0.0399	0.5630	LT 0.0521	1.6900
01/11/89	17464	17465	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.0400	6.0200	LT 0.0174	LT 0.1020	LT 0.0399	0.6350	0.0917	3.6800
01/12/89	17468	17469	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	2.4900	10.500	LT 0.0174	LT 0.1020	LT 0.0399	2.3200	0.1900	7.7200
01/13/89	16603	16604	RIFS1	LT 0.0380	LT 0.0450	LT 0.0470	2.5500	9.9800	LT 0.0170	LT 0.1000	LT 0.0400	3.0700	0.3200 a	6.9000
01/14/89	16607	16608	RIFS1	LT 0.0380	LT 0.0450	LT 0.0470	2.9700	11.900	LT 0.0170	LT 0.1000	LT 0.0400	2.5900	0.1700	8.0400
01/14/89	16611	16612	RIFS1D	LT 0.0380	LT 0.0450	LT 0.0470	3.2200	12.400	LT 0.0170	LT 0.1000	LT 0.0400	2.7300	0.1600	8.3900
01/14/89	16615	16616	RIFS2	LT 0.0380	LT 0.0450	LT 0.0470	2.7000	11.100	LT 0.0170	LT 0.1000	LT 0.0400	2.3300	0.1300	7.3300
01/18/89	16631	16632	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.5500	6.4200	LT 0.0174	LT 0.1020	LT 0.0399	2.7700	0.1610	4.7300
01/18/89	16635	16636	RIFS1D	LT 0.0382	LT 0.0451	LT 0.0469	1.8800	8.1600	LT 0.0174	LT 0.1020	LT 0.0399	3.4400	0.2010	5.6700
01/18/89	16639	16640	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	1.4600	6.3700	LT 0.0174	LT 0.1020	LT 0.0399	2.1700	0.1720	3.9000
01/19/89	16647	16648	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.6870	5.8800	LT 0.0174	LT 0.1020	LT 0.0399	0.5500	0.1580 a	2.3000
01/19/89	16651	16652	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	0.4880	4.6000	LT 0.0174	LT 0.1020	LT 0.0399	0.4900	0.0869	1.7100
01/26/89	16663	16664	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.0600	6.2600	LT 0.0174	LT 0.1020	LT 0.0399	1.1300	0.1950	3.6500
01/27/89	16675	16676	RIFS1D	LT 0.0382	LT 0.0451	LT 0.0469	1.9900	13.900	LT 0.0174	LT 0.1020	LT 0.0399	2.8200	0.2040	7.8700
01/31/89	16687	16688	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.1800	5.3000	LT 0.0174	LT 0.1020	LT 0.0399	2.6000	0.1020	3.1500

a - t/c weight).25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

Sample Date	Field Sample Number		Site id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
02/1/89	16699	16700	RIFS1D	0.6920	LT 0.0295	LT 0.0243	0.1660	0.3480	LT 0.0417	1.3500	1.2200	1.0100 a	0.1310	LT 0.0330
02/9/89	16719	16720	RIFS1	4.5400 a	LT 0.0295	LT 0.0243	GT 0.3470	5.1800	LT 0.0417	4.7500	GT 0.3470	2.8400 a	0.4650 a	0.0383
02/9/89	16723	16724	RIFS1D	4.8100 a	LT 0.0295	LT 0.0243	GT 0.3470	8.0300	LT 0.0417	5.4900	4.1500	4.7200 a	0.6510	0.0437
02/9/89	16727	16728	RIFS2	4.6500 a	LT 0.0295	LT 0.0243	LT 0.0208	6.9800	LT 0.0417	6.5500	2.3300	1.7500 a	0.4750	LT 0.0330
02/10/89	16735	16736	RIFS1	6.3800 a	LT 0.0295	LT 0.0243	0.1590 b	6.1500	LT 0.0417	8.8600	3.4900	6.1700 a	0.5700 a	LT 0.0330
02/15/89	16751	16752	RIFS1	0.2640 b	LT 0.0295	LT 0.0243	0.2230 b	0.5480	LT 0.0417	0.5140 b	0.6850 b	1.2700 a	LT 0.0208	LT 0.0330
02/15/89	16759	16760	RIFS2	0.7990 a	LT 0.0295	LT 0.0243	GT 0.3470	0.3690	LT 0.0417	1.5600	3.4800 a	0.8140 a	0.1740 a	LT 0.0330
02/23/89	20003	20004	RIFS1	1.9500 a	LT 0.0295	LT 0.0243	LT 0.0208	1.2300	LT 0.0417	2.1700	0.9180 a	1.1300 b	0.1030 b	LT 0.0330
02/23/89	20007	20008	RIFS2	1.4500 a	LT 0.0295	LT 0.0243	LT 0.0208	0.8620	LT 0.0417	2.2800 a	0.6900	0.1700 a	0.0997 b	LT 0.0330
02/25/89	20015	20016	RIFS1	1.0200 a	LT 0.0295	LT 0.0243	LT 0.0208	1.3300	LT 0.0417	2.6600 a	0.6510	0.5960 b	0.0664 b	LT 0.0330
02/25/89	20019	20020	RIFS2	0.7950 a	LT 0.0295	LT 0.0243	LT 0.0208	0.6450	LT 0.0417	1.7600 a	0.6680	LT 0.0278	0.0479 b	LT 0.0330
02/28/89	20023	20024	RIFS1	0.6440 a	LT 0.0295	LT 0.0243	0.0993	0.0333	LT 0.0417	1.2300 a	0.9300	0.0613	0.1130 a	LT 0.0330
02/28/89	20027	20028	RIFS2	0.6770 a	LT 0.0295	LT 0.0243	0.0829	LT 0.0278	LT 0.0417	0.9840 a	1.1200	0.0639	0.1100 a	LT 0.0330
03/1/89	20031	20032	RIFS1	1.4800 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5840	LT 0.0417	1.9600	0.9880	0.5560 a	0.2340 a	LT 0.0330
03/1/89	20035	20036	RIFS1D	1.4300 a	LT 0.0295	LT 0.0243	LT 0.0208	0.5100	LT 0.0417	2.4400	0.7980	1.0200 a	0.2700 a	LT 0.0330
03/1/89	20039	20040	RIFS2	1.3700 a	LT 0.0295	LT 0.0243	LT 0.0208	0.4320	LT 0.0417	1.6800	1.0500	0.9850 a	0.2100 a	LT 0.0330
03/8/89	20049	20050	RIFS1	3.4600 a	LT 0.0295	LT 0.0243	0.2100 b	2.7600	LT 0.0417	6.7200 a	0.6440 a	2.3100 a	0.3000 b	LT 0.0330

a - t/c weight).25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl Ketone	N-Nitroso-dimethylamine	Trans-1, 2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta- & Para-Xylene
02/1/89	16699	16700	RIFS1D	LT 0.0382	LT 0.0451	LT 0.0469	0.2660	1.4600	LT 0.0174	LT 0.1020	LT 0.0399	0.2080	0.0619	0.8460
02/9/89	16719	16720	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	3.4300	23.900	LT 0.0174	LT 0.1020	LT 0.0399	2.4400	0.3360	9.7200
02/9/89	16723	16724	RIFS1D	LT 0.0382	LT 0.0451	LT 0.0469	5.6900	30.800	LT 0.0174	LT 0.1020	LT 0.0399	3.0100	0.3210	14.400
02/9/89	16727	16728	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	5.3200	29.600	LT 0.0174	LT 0.1020	LT 0.0399	2.9900	0.3100	12.600
02/10/89	16735	16736	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	6.1600	10.700	LT 0.0174	LT 0.1020	LT 0.0399	3.4400	0.6100	8.6200
02/15/89	16751	16752	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.4450	5.1400	LT 0.0174	LT 0.1020	LT 0.0399	0.3520	LT 0.0330	1.5800
02/15/89	16759	16760	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	0.3320	4.1500	LT 0.0174	LT 0.1020	LT 0.0399	0.2790	LT 0.0330	1.0200
02/23/89	20003	20004	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.2300	5.4600	LT 0.0174	LT 0.1020	LT 0.0399	0.9560	0.1110	2.5600
02/23/89	20007	20008	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	0.7930	4.8300	LT 0.0174	LT 0.1020	LT 0.0399	0.6550	0.0631	2.2100
02/25/89	20015	20016	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.0500	6.3200	LT 0.0174	LT 0.1020	LT 0.0399	0.9120	LT 0.0330	2.8800
02/25/89	20019	20020	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	0.5380	3.2300	LT 0.0174	LT 0.1020	LT 0.0399	0.4300	LT 0.0330	1.8300
02/28/89	20023	20024	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.0353	0.3170	LT 0.0174	LT 0.1020	LT 0.0399	0.1850	LT 0.0330	LT 0.1410
02/28/89	20027	20028	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	0.0310	0.2750	LT 0.0174	LT 0.1020	LT 0.0399	0.1600	LT 0.0330	LT 0.1410
03/1/89	20031	20032	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.5150	3.4800	LT 0.0174	LT 0.1020	LT 0.0399	0.5150	LT 0.0330	1.7500
03/1/89	20035	20036	RIFS1D	LT 0.0382	LT 0.0451	LT 0.0469	0.5100	3.6400	LT 0.0174	LT 0.1020	LT 0.0399	GT 0.3470	LT 0.0330	1.5300
03/1/89	20039	20040	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	0.3960	3.1300	LT 0.0174	LT 0.1020	LT 0.0399	0.4610	LT 0.0330	1.3300
03/8/89	20049	20050	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	2.2800	21.000	LT 0.0174	LT 0.1020	LT 0.0399	3.8200	0.1570	4.6300

a - t/c weight).25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

Sample Date	Field Sample Number		Site id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
03/8/89	20053	20054	RIFS2	2.6400 a	LT 0.0295	LT 0.0243	LT 0.0208	2.1000	LT 0.0417	5.7300 a	0.6210 a	2.7700 a	0.1300 b	LT 0.0330
03/10/89	20061	20062	RIFS1	1.4600 a	LT 0.0300	LT 0.0240	LT 0.0210	1.5700	LT 0.0420	GT 0.3500	0.7210 a	3.6100 a	0.1910	LT 0.0330
03/10/89	20065	20066	RIFS2	1.5700 a	LT 0.0295	LT 0.0243	LT 0.0208	1.1800	LT 0.0417	3.3700	1.0900	GT 0.3470	0.2650	LT 0.0330
03/16/89	20069	20070	RIFS1	1.4200 a	LT 0.0295	LT 0.0243	GT 0.3470	1.2700	LT 0.0417	2.2100 a	2.8300	20.500 a	0.2220 a	LT 0.0330
03/16/89	20073	20074	RIFS1D	1.6600 a	LT 0.0295	LT 0.0243	0.1440 b	1.5100	LT 0.0417	2.8400 a	0.7520 a	2.7500 a	0.0800 b	LT 0.0330
03/16/89	20077	20078	RIFS2	1.1200 a	LT 0.0295	LT 0.0243	0.3380	0.7940	LT 0.0417	1.5200 a	1.2400	4.9100 a	0.1300 a	LT 0.0330
03/18/89	20081	20082	RIFS1	0.9210 a	LT 0.0295	LT 0.0243	0.2020	0.4610	LT 0.0417	2.4100	0.6870 a	0.7310 a	0.1730 a	LT 0.0330
03/18/89	20085	20086	RIFS2	0.7390 a	LT 0.0295	LT 0.0243	0.1350	0.3440	LT 0.0417	1.6200	0.6510	0.3750 a	0.0934 a	LT 0.0330
03/21/89	20089	20090	RIFS1	8.7500 a	LT 0.0295	LT 0.0243	LT 0.0208	1.1300	LT 0.0417	2.3500	0.6140 a	4.5800 a	0.1960 a	LT 0.0330
03/22/89	20093	20094	RIFS1	GT 0.3470	LT 0.0295	LT 0.0243	0.0459 b	GT 0.3470	LT 0.0417	GT 0.3470	0.5430 a	0.9610 a	0.1350 a	LT 0.0330
03/31/89	20109	20110	RIFS1	0.7380 a	LT 0.0295	LT 0.0243	LT 0.0208	0.8240	LT 0.0417	1.8600 a	0.2620 a	0.3880 a	LT 0.0208	LT 0.0330
03/31/89	20113	20114	RIFS1D	0.8240 a	LT 0.0295	LT 0.0243	0.1030	0.7670	LT 0.0417	1.8800	0.3220 a	0.3850 a	LT 0.0208	LT 0.0330
04/6/89	20116	20117	RIFS1	0.6040 a	LT 0.0295	LT 0.0243	LT 0.0208	0.3960 b	LT 0.0417	0.7010 a	0.2990 a	0.5910 a	LT 0.0208	LT 0.0330
04/7/89	20119	20120	RIFS1	0.5120 a	LT 0.0295	LT 0.0243	LT 0.0208	GT 0.3470	LT 0.0417	0.7720 a	0.2000 a	0.8250 a	LT 0.0208	LT 0.0330
04/11/89	20125	20126	RIFS1	0.9150 a	LT 0.0295	LT 0.0243	LT 0.0208	0.0989	LT 0.0417	2.1600	0.4290 a	0.7200 a	0.1540 a	LT 0.0330
04/14/89	20128	20129	RIFS1	1.1200 a	LT 0.0295	LT 0.0243	LT 0.0208	1.2900	LT 0.0417	2.8600	0.2380	1.0500 a	0.0664 a	LT 0.0330
04/14/89	20131	20132	RIFS1D	1.2200 a	LT 0.0295	LT 0.0243	LT 0.0208	1.4400	LT 0.0417	3.3500	0.3670 a	1.6600 a	0.0533 b	LT 0.0330

a - t/c weight).25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl Ketone	N-Nitroso-dimethylamine	Trans-1, 2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta- & Para-Xylene
03/8/89	20053	20054	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	2.0600	16.500	LT 0.0174	LT 0.1020	LT 0.0399	2.5900	0.0736	6.4100
03/10/89	20061	20062	RIFS1	LT 0.0380	LT 0.0450	LT 0.0470	1.1400	10.000	LT 0.0170	LT 0.1000	LT 0.0400	1.4300	0.1300	3.9300
03/10/89	20065	20066	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	0.8430	11.800	LT 0.0174	LT 0.1020	LT 0.0399	1.1200	LT 0.0330	3.5400
03/16/89	20069	20070	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.8990	8.4200	LT 0.0174	LT 0.1020	LT 0.0399	0.8240	0.1020	3.5200
03/16/89	20073	20074	RIFS1D	LT 0.0382	LT 0.0451	LT 0.0469	1.0700	8.7600	LT 0.0174	LT 0.1020	LT 0.0399	0.8120	0.0978	4.0600
03/16/89	20077	20078	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	0.5780	5.7800	LT 0.0174	LT 0.1020	LT 0.0399	0.5050	0.0654	2.2700
03/18/89	20081	20082	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.3900	4.6100	LT 0.0174	LT 0.1020	LT 0.0399	0.3400	LT 0.0330	1.5200
03/18/89	20085	20086	RIFS2	LT 0.0382	LT 0.0451	LT 0.0469	0.2580	2.6900	LT 0.0174	LT 0.1020	LT 0.0399	0.2310	LT 0.0330	1.0600
03/21/89	20089	20090	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.8030	6.0000	LT 0.0174	LT 0.1020	LT 0.0399	0.9490	0.[illegible]0	2.8800
03/22/89	20093	20094	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	GT 0.3470	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	GT 0.3470	LT 0.0330	GT 0.6940
03/31/89	20109	20110	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.5730	3.9400	LT 0.0174	LT 0.1020	LT 0.0399	0.5380	LT 0.0330	3.0100
03/31/89	20113	20114	RIFS1D	LT 0.0382	LT 0.0451	LT 0.0469	0.5920	3.8300	LT 0.0174	LT 0.1020	LT 0.0399	0.4880	LT 0.0330	2.6800
04/6/89	20116	20117	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.2240 b	1.4400 b	LT 0.0174	LT 0.1020	LT 0.0399	0.1050 b	LT 0.0330	1.0700 b
04/7/89	20119	20120	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.5320	4.2600	LT 0.0174	LT 0.1020	LT 0.0399	0.3900	LT 0.0330	0.8160
04/11/89	20125	20126	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.0721	0.4930	LT 0.0174	LT 0.1020	LT 0.0399	0.4320	LT 0.0330	0.2190
04/14/89	20128	20129	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.8990	8.6300	LT 0.0174	LT 0.1020	LT 0.0399	1.5500	LT 0.0330	4.3200
04/14/89	20131	20132	RIFS1D	LT 0.0382	LT 0.0451	LT 0.0469	1.0400	10.400	LT 0.0174	LT 0.1020	LT 0.0399	1.6700	LT 0.0330	5.5600

a - t/c weight).25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

Sample Date	Field Sample Number		Site id	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dimethylbenzene	Bicycloheptadiene	Benzene	Carbon Tetrachloride	Methylene Chloride	Chloroform	Chlorobenzene
04/19/89	20134	20135	RIFS1	2.6700 a	LT 0.0295	LT 0.0243	LT 0.0208	3.0500	LT 0.0417	2.3100 a	0.3070 a	1.4000 a	0.0404 b	LT 0.0330
04/21/89	20137	20138	RIFS1	1.0400 a	LT 0.0295	LT 0.0243	0.0368	1.0100	LT 0.0417	0.5120 a	0.2230 a	2.8500 a	0.0443 b	LT 0.0330
04/25/89	20143	20144	RIFS1	0.8500 a	LT 0.0295	LT 0.0243	0.0271	0.1940	LT 0.0417	0.8180 a	0.5030 a	3.3100 a	0.1070 b	0.1300
04/25/89	20146	20147	RIFS10	0.9510 a	LT 0.0295	LT 0.0243	0.0354	0.1780	LT 0.0417	0.8920 a	0.4290 a	0.3350	0.1410 b	0.1160
04/26/89	20149	20150	RIFS1	0.4870 a	LT 0.0295	LT 0.0243	0.0257	0.7470	LT 0.0417	2.6700 a	0.2440	0.9560 a	0.0250	0.1660
05/5/89	20152	20153	RIFS1	1.0500 a	LT 0.0295	LT 0.0243	0.0529 b	0.5490	LT 0.0417	1.3900 a	0.2940 a	0.4030 b	0.0529 b	LT 0.0330

a - t/c weight).25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

ALL UNITS ARE IN UG/M3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS INCLUDES ESTIMATED VALUES ABOVE THE CRL

Sample Date	Field Sample Number		Site id	Dibromochloropropane	Dicyclopentadiene	Dimethyldisulfide	Ethylbenzene	Toluene	Methylisobutyl Ketone	N-Nitroso-dimethylamine	Trans-1, 2-Dichloroethene	Tetrachloroethene	Trichloroethene	Meta- & Para-Xylene
04/19/89	20134	20135	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	1.4400	17.800	LT 0.0174	LT 0.1020	LT 0.0399	2.1400	0.2090 a	0.7020
04/21/89	20137	20138	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.6500	1.6000	LT 0.0174	LT 0.1020	LT 0.0399	1.0800	LT 0.0330	3.0300
04/25/89	20143	20144	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.1370	1.2700	LT 0.0174	LT 0.1020	LT 0.0399	0.3300	LT 0.0330	GT 0.6940
04/25/89	20146	20147	RIFS1D	LT 0.0382	LT 0.0451	LT 0.0469	0.1250	GT 0.3470	LT 0.0174	LT 0.1020	LT 0.0399	0.3160	LT 0.0330	0.5200
04/26/89	20149	20150	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.5340	4.9800	LT 0.0174	LT 0.1020	LT 0.0399	0.3860	LT 0.0330	2.1400
05/5/89	20152	20153	RIFS1	LT 0.0382	LT 0.0451	LT 0.0469	0.3540	5.8600	LT 0.0174	LT 0.1020	LT 0.0399	0.7330	0.0926	1.8300

a - t/c weight).25t weight
b - Detected on t/c only
GT - Value Is Above CRL; No Estimate Available

SUMMARY OF SEMI-VOLATILES FOR RIFS ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ATRAZINE	CHLORDANE	CHLOROPHENYL METHYLSULFOXIDE	CHLOROPHENYL METHYLSULFONE	DIELDRIN	ENDRIN
10/22/88	05701	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
10/26/88	05702	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
10/29/88	05703	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
11/2/88	05705	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
11/8/88	05706	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
11/10/88	05708	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
11/17/88	05712	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
11/19/88	05713	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
11/22/88	05717	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
11/23/88	05718	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
12/1/88	05722	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
12/2/88	05723	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
12/6/88	05726	RIFS1	LT 0.0799	LT 0.0[illegible]	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
12/10/88	05729	RIFS1	LT 0.0799	LT 0.0[illegible]	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
12/13/88	05731	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
12/15/88	05732	RIFS1D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
12/16/88	05733	RIFS1C	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
12/21/88	05739	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
12/21/88	05740	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
12/22/88	05741	RIFS1	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
12/22/88	05742	RIFS2	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
12/28/88	05745	RIFS1	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
12/28/88	05746	RIFS2	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
12/29/88	05747	RIFS1	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
12/30/88	05749	RIFS1	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210

SUMMARY OF SEMI-VOLATILES FOR RIFS ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ISODRIN	MALATHION	DDE	DDT	PARATHION	SUPONA
10/22/88	05701	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
10/26/88	05702	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
10/29/88	05703	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
11/2/88	05705	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
11/8/88	05706	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
11/10/88	05708	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
11/17/88	05712	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
11/19/88	05713	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
11/22/88	05717	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
11/23/88	05718	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
12/1/88	05722	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
12/2/88	05723	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
12/6/88	05726	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
12/10/88	05729	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
12/13/88	05731	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
12/15/88	05732	RIFS1D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
12/16/88	05733	RIFS1C	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
12/21/88	05739	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
12/21/88	05740	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
12/22/88	05741	RIFS1	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
12/22/88	05742	RIFS2	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
12/28/88	05745	RIFS1	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
12/28/88	05746	RIFS2	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
12/29/88	05747	RIFS1	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
12/30/88	05749	RIFS1	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420

SUMMARY OF SEMI-VOLATILES FOR RIFS ALL UNITS ARE IN UG/ML

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ATRAZINE	CHLORDANE	CHLOROPHENYL METHYLSULFOXIDE	CHLOROPHENYL METHYLSULFONE	DIELDRIN	ENDRIN
12/31/88	05751	RIFS1	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
12/31/88	05753	RIFS2	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
01/4/89	05755	RIFS1	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
01/4/89	05756	RIFS2	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
01/5/89	05757	RIFS1	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
01/5/89	05760	RIFS2	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
01/6/89	05761	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/7/89	05763	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/9/89	19741	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/10/89	19742	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/10/89	19743	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/11/89	05765	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/12/89	05766	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/18/89	05775	RIFS1	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
01/18/89	05776	RIFS1D	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
01/18/89	05778	RIFS2	LT 0.0800	LT 0.0300	LT 0.1800	LT 0.1000	LT 0.0350	LT 0.0210
01/19/89	05779	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/19/89	05780	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/26/89	05789	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/26/89	19765	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/27/89	16001	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/27/89	16002	RIFS1D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/27/89	16004	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/31/89	16007	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
01/31/89	16008	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212

SUMMARY OF SEMI-VOLATILES FOR RIFS ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ISODRIN	MALATHION	DDE	DDT	PARATHION	SUPONA
12/31/88	05751	RIFS1	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
12/31/88	05753	RIFS2	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
01/4/89	05755	RIFS1	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
01/4/89	05756	RIFS2	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
01/5/89	05757	RIFS1	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
01/5/89	05760	RIFS2	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
01/6/89	05761	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/7/89	05763	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/9/89	19741	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/10/89	19742	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/10/89	19743	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/11/89	05765	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/12/89	05766	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/18/89	05775	RIFS1	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
01/18/89	05776	RIFS1D	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
01/18/89	05778	RIFS2	LT 0.0450	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0180	LT 0.0420
01/19/89	05779	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/19/89	05780	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/26/89	05789	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/26/89	19765	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/27/89	16001	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/27/89	16002	RIFS1D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/27/89	16004	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/31/89	16007	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
01/31/89	16008	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417

SUMMARY OF SEMI-VOLATILES FOR RIFS ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ATRAZINE	CHLORDANE	CHLOROPHENYL METHYLSULFOXIDE	CHLOROPHENYL METHYLSULFONE	DIELDRIN	ENDRIN
02/1/89	16009	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/1/89	16010	RIFS1D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/1/89	16012	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/9/89	16021	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/9/89	16023	RIFS1D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/9/89	16024	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/10/89	16026	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/10/89	16027	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/14/89	16028	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/14/89	16029	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/15/89	16030	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/15/89	16031	RIFS1D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/15/89	16032	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/23/89	16039	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/23/89	16041	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/25/89	16044	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/25/89	16045	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/28/89	16046	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
02/28/89	16047	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/1/89	16048	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/1/89	16049	RIFS1D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/1/89	16050	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/8/89	16055	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/8/89	16057	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/10/89	16061	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212

SUMMARY OF SEMI-VOLATILES FOR RIFS ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ISODRIN	MALATHION	DDE	DDT	PARATHION	SUPONA
02/1/89	16009	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/1/89	16010	RIFS1D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/1/89	16012	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/9/89	16021	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/9/89	16023	RIFS1D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/9/89	16024	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/10/89	16026	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/10/89	16027	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/14/89	16028	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/14/89	16029	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/15/89	16030	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/15/89	16031	RIFS1D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/15/89	16032	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/23/89	16039	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/23/89	16041	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/25/89	16044	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/25/89	16045	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/28/89	16046	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
02/28/89	16047	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/1/89	16048	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/1/89	16049	RIFS1D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/1/89	16050	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/8/89	16055	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/8/89	16057	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/10/89	16061	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417

SUMMARY OF SEMI-VOLATILES FOR RIFS ALL UNITS ARE IN UG/M2

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ATRAZINE	CHLORDANE	CHLOROPHENYL METHYLSULFOXIDE	CHLOROPHENYL METHYLSULFONE	DIELDRIN	ENDRIN
03/10/89	16062	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/16/89	16065	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/16/89	16066	RIFS1D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/16/89	16067	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/18/89	16070	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/18/89	16071	RIFS2	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/21/89	16072	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/22/89	16073	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/24/89	16076	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/29/89	16078	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/31/89	16087	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
03/31/89	16088	RIFS1D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
04/6/89	16089	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
04/7/89	16090	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
04/14/89	16095	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
04/14/89	16096	RIFS1D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
04/19/89	16097	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
04/21/89	16098	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
04/25/89	16100	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
04/25/89	16101	RIFS1D	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
04/26/89	16102	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212
05/5/89	16103	RIFS1	LT 0.0799	LT 0.0295	LT 0.1810	LT 0.1010	LT 0.0347	LT 0.0212

SUMMARY OF SEMI-VOLATILES FOR RIFS ALL UNITS ARE IN UG/KG

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ISODRIN	MALATHION	DDE	DDT	PARATHION	SUFONA
03/10/89	16062	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/16/89	16065	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/16/89	16066	RIFS1D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/16/89	16067	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/18/89	16070	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/18/89	16071	RIFS2	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/21/89	16072	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/22/89	16073	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/24/89	16076	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/29/89	16078	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/31/89	16087	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
03/31/89	16088	RIFS1D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
04/6/89	16089	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
04/7/89	16090	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
04/14/89	16095	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
04/14/89	16096	RIFS1D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
04/19/89	16097	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
04/21/89	16098	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
04/25/89	16100	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
04/25/89	16101	RIFS1D	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
04/26/89	16102	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417
05/5/89	16103	RIFS1	LT 0.0451	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0181	LT 0.0417

EBASCO SERVICES INCORPORATED ROCKY MOUNTAIN ARSENAL PROGRAM 06/18/90

SUMMARY OF ORGANO CHLORINE PESTICIDE CONCENTRATIONS RIFS ALL UNITS ARE IN UG/M3

SAMPLE DATE	FIELD SAMPLE NUMBER	SITE ID	ALDRIN RESULTS	CHLORDANE RESULTS	DIELDRIN RESULTS	ENDRIN RESULTS	ISODRIN RESULTS	PPDDE RESULTS	PPDDT RESULTS
03/21/89	16072	RIFS1	LT 0.0003	LT 0.0004	0.0005	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
03/22/89	16073	RIFS1	LT 0.0003	LT 0.0004	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003	0.0007
03/24/89	16076	RIFS1	LT 0.0003	LT 0.0004	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
03/29/89	16078	RIFS1	LT 0.0003	LT 0.0004	0.0004	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
03/31/89	16087	RIFS1	LT 0.0003	LT 0.0004	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003	0.0005
03/31/89	16088	RIFS1D	LT 0.0003	LT 0.0004	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
04/6/89	16089	RIFS1	LT 0.0003	LT 0.0004	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
04/7/89	16090	RIFS1	LT 0.0003	LT 0.0004	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
04/11/89	16094	RIFS1	LT 0.0003	LT 0.0004	0.0006	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
04/14/89	16095	RIFS1	LT 0.0003	LT 0.0004	0.0004	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
04/14/89	16096	RIFS1D	LT 0.0003	LT 0.0004	0.0004	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
04/19/89	16097	RIFS1	LT 0.0003	LT 0.0004	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
04/21/89	16098	RIFS1	LT 0.0003	LT 0.0004	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
04/25/89	16100	RIFS1	LT 0.0003	0.0006	0.0009	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
04/25/89	16101	RIFS1D	LT 0.0003	0.0006	0.0009	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
04/26/89	16102	RIFS1	LT 0.0003	0.0008	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003
05/5/89	16103	RIFS1	LT 0.0003	LT 0.0004	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003	LT 0.0003