

CHEMICAL DATA

- B-1 FIELD ANALYTICAL DATA**
- B-2 LABORATORY ANALYTICAL DATA**
- B-3 GROUNDWATER FIELD PARAMETERS**
- B-4 GROUNDWATER SAMPLING DATA SHEETS**

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01SG*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	SG-173	SG-174	SG-175	SG-176	SG-177	SG-178	SG-179	SG-180	SG-180
DEPTH:	003	003	003	003	003	006	010	015	015
SAMPLE ID:	01SG173003X1XF	01SG174003X1XF	01SG175003X1XF	01SG17600301XF	01SG177003X1XF	01SG178006X1XF	01SG179010X1XF	01SG180015X1XF	01SG180015X1XF
MATRIX:	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas
DATE ANALYZED:	18 Oct 93	19 Oct 93	18 Oct 93	18 Oct 93	28 Oct 93	28 Oct 93	28 Oct 93	28 Oct 93	28 Oct 93
GC ID:	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A

	MRL								
1,1-DICHLOROETHENE	1.0	0.1 U	0.3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROFORM	1.0	0.8	2.7	1.6	0.1 U	0.2	0.1 U	0.1 U	0.3
1,1,1-TRICHLOROETHANE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.0	2.5	2.4	2.4	0.7 J	0.2	0.1 U	0.1 U	0.3
TRICHLOROETHENE	1.0	0.1 U	0.1 U	1.8	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	1.0	0.4	0.8	0.6	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01SG*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	SG-165	SG-166	SG-167	SG-168	SG-169	SG-170	SG-171	SG-172
DEPTH:	003	003	003	003	003	003	003	003
SAMPLE ID:	01SG165003X1XF	01SG166003X1XF	01SG167003X1XF	01SG168003X1XF	01SG169003X1XF	01SG170003X1XF	01SG171003X1XF	01SG172003X1XF
MATRIX:	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas
DATE ANALYZED:	13 Oct 93	13 Oct 93	13 Oct 93	13 Oct 93	19 Oct 93	14 Oct 93	18 Oct 93	18 Oct 93
GC ID:	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A

	MRL								
1,1-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROFORM	1.0	0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 J	0.9
1,1,1-TRICHLOROETHANE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.0	0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.3 J	2.8
TRICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.4

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

TABLE B-1
SUMMARY OF OFF-SITE AND FIELD LABORATORY ANALYTICAL PROGRAM

OLIN CHEMICALS PHASE I REPORT
ROCHESTER, NEW YORK

SAMPLE INFORMATION						PARAMETER (2)						
MATRIX	LOCATION ID	TYPE (1)	DEPTH (ft bgs)	SAMPLE ID	LAB	VOA	SVOA (3) & PYRIDINES	PEST/PCB	TAL INORGS	2,4-TDA	FIELD VOA	FIELD CHLOROPYRIDINES
SOIL	SS-101	N		01SS101000X1XX	RECRA	X	X		X	X		
SOIL	SS-102	D		01SS102000X1DX	RECRA	X	X		X			
SOIL	SS-102	N		01SS102000X1XX	RECRA	X	X		X			
SOIL	SS-103	N		01SS103000X1XX	RECRA	X	X		X			
SOIL	SS-104	N		01SS104000X1XX	RECRA	X	X		X			
SOIL	SS-105	N		01SS105000X1XX	RECRA	X	X		X			
SOIL	SS-106	N		01SS106000X1XX	RECRA	X	X		X			
SOIL	SS-107	N		01SS107000X1XX	RECRA	X	X		X			
SOIL	SS-108	N		01SS108000X1XX	RECRA	X	X		X			
SOIL	SS-109	N		01SS109000X1XX	RECRA	X	X		X			
SOIL	SS-110	N		01SS110000X1XX	RECRA	X	X		X			
SOIL	SS-111	D		01SS111000X1DX	RECRA	X	X		X			
SOIL	SS-111	N		01SS111000X1XX	RECRA	X	X		X			
SOIL	SS-112	N		01SS112000X1XX	RECRA	X	X		X			
SOIL	SS-113	N		01SS113000X1XX	RECRA	X	X		X			
SOIL	SS-114	N		01SS114000X1XX	RECRA	X	X		X			
SOIL	SS-115	N	0-2	01SS115000X1XX	RECRA	X	X		X			
SOIL	T-106	N	0-2	01TR106000X1XF	FIELD LAB						X	X
SOIL	T-106	N	0-2	01TR106000X1XX	RECRA	X	X					
SOIL	T-106	N	6-8	01TR106006X1XF	FIELD LAB						X	X
SOIL	T-119	N	2-4	01TR119002X1XF	FIELD LAB						X	X
SOIL	T-119	N	8-10	01TR119008X1XF	FIELD LAB						X	X
SOIL	T-120	N	2-4	01TR120002X1XF	FIELD LAB						X	X
SOIL	T-120	N	8-10	01TR120008X1XF	FIELD LAB						X	X
SOIL	T-120	N	8-10	01TR120008X1XX	RECRA	X	X					
SOIL	T-121	N	2-4	01TR121002X1XF	FIELD LAB						X	X
SOIL	T-121	N	14-12	01TR121012X1XF	FIELD LAB						X	X
SOIL	T-122	D	2-4	01TR122002X1DF	FIELD LAB						X	X
SOIL	T-122	D	2-4	01TR122002X1DX	RECRA	X	X					
SOIL	T-122	N	2-4	01TR122002X1XF	FIELD LAB						X	X
SOIL	T-122	N	2-4	01TR122002X1XX	RECRA	X	X					
SOIL	T-122	N	6-8	01TR122006X1XF	FIELD LAB						X	X
SOIL	T-123	N	2-4	01TR123002X1XF	FIELD LAB						X	X
SOIL	T-123	N	6-8	01TR123006X1XF	FIELD LAB						X	X
SOIL	T-124	N	2-4	01TR124002X1XF	FIELD LAB						X	X
SOIL	T-124	N	6-8	01TR124006X1XF	FIELD LAB						X	X
SOIL	T-124	N	6-8	01TR124006X1XX	RECRA	X	X					
SOIL	T-128	N	4-6	01TR128004X1XF	FIELD LAB						X	X
SOIL	T-128	N	18-20	01TR128018X1XF	FIELD LAB						X	X
SOIL	T-129	N	2-4	01TR129002X1XF	FIELD LAB						X	X
SOIL	T-129	N	2-4	01TR129002X1XX	RECRA	X	X					
SOIL	T-129	N	6-10	01TR129008X1XF	FIELD LAB						X	X
SOIL	T-130	N	2-4	01TR130002X1XF	FIELD LAB						X	X
SOIL	T-130	D	8-10	01TR130008X1DF	FIELD LAB						X	X

TABLE B-1
SUMMARY OF OFF-SITE AND FIELD LABORATORY ANALYTICAL PROGRAM

OLIN CHEMICALS PHASE I REPORT
ROCHESTER, NEW YORK

SAMPLE INFORMATION						PARAMETER (2)						
MATRIX	LOCATION ID	TYPE (1)	DEPTH (ft bgs)	SAMPLE ID	LAB	VOA	SVOA (3) & PYRIDINES	PEST/PCB	TAL INORGS	2,4-TDA	FIELD VOA	FIELD CHLOROPYRIDINES
SOIL	T-130	N	8-10	01TR130006X1XF	FIELD LAB						X	X
SOIL	T-131	N	4-6	01TR131004X1XF	FIELD LAB						X	X
SOIL	T-131	N	8-10	01TR131006X1XF	FIELD LAB						X	X
SOIL	T-132	N	4-6	01TR132004X1XF	FIELD LAB						X	X
SOIL	T-132	N	2-4	01TR132012X1XF	FIELD LAB						X	X
SOIL	T-132	N	2-4	01TR132012X1XX	RECRA	X	X					
SOIL	T-133	N	2-4	01TR133002X1XF	FIELD LAB						X	X
SOIL	T-133	N	2-4	01TR133002X1XX	RECRA	X	X					
SOIL	T-133	N	14-16	01TR133014X1XF	FIELD LAB						X	X
SOIL	T-134	N	4-6	01TR134004X1XF	FIELD LAB						X	X
SOIL	T-134	N	12-14	01TR134012X1XF	FIELD LAB						X	X
SOIL	T-135	N	0-2	01TR135000X1XF	FIELD LAB						X	X
SOIL	T-135	N	12-14	01TR135012X1XF	FIELD LAB						X	X
SOIL	T-135	N	12-14	01TR135012X1XX	RECRA	X	X					
SOIL	T-135	N	18-20	01TR135018X1XF	FIELD LAB						X	X
SOIL	T-136	N	2-4	01TR136002X1XF	FIELD LAB						X	X
SOIL	T-136	N	2-4	01TR136002X1XX	RECRA	X	X			X		
SOIL	T-136	N	10-12	01TR136010X1XF	FIELD LAB						X	X
SOIL	T-137	D	2-4	01TR137002X1DF	FIELD LAB						X	X
SOIL	T-137	D	2-4	01TR137002X1DX	RECRA	X	X					
SOIL	T-137	N	2-4	01TR137002X1XF	FIELD LAB						X	X
SOIL	T-137	N	2-4	01TR137002X1XX	RECRA	X	X					
SOIL	T-137	N	8-10	01TR137006X1XF	FIELD LAB						X	X
SOIL	T-138	N	0-2	01TR138000X1XF	FIELD LAB						X	X
SOIL	T-138	N	6-8	01TR138006X1XF	FIELD LAB						X	X
SOIL	T-139	D	2-4	01TR139002X1DF	FIELD LAB						X	X
SOIL	T-139	N	2-4	01TR139002X1XF	FIELD LAB						X	X
SOIL	T-139	N	6-8	01TR139006X1XF	FIELD LAB						X	X
SOIL	T-139	N	6-8	01TR139006X1XX	RECRA	X	X					
SOIL	T-140	N	2-4	01TR140002X1XF	FIELD LAB						X	X
SOIL	T-140	N	6-8	01TR140006X1XF	FIELD LAB						X	X
SOIL	T-141	N	2-4	01TR141002X1XF	FIELD LAB						X	X
SOIL	T-141	N	12-14	01TR141012X1XF	FIELD LAB						X	X
SOIL	T-141	N	12-14	01TR141012X1XX	RECRA	X	X					
SOIL	T-151	D	4-6	01TR151004X1DF	FIELD LAB						X	X
SOIL	T-151	N	4-6	01TR151004X1XF	FIELD LAB						X	X
SOIL	T-151	N	8-10	01TR151006X1XF	FIELD LAB						X	X
SOIL	T-152	D	4-6	01TR152004X1DX	RECRA	X	X					
SOIL	T-152	N	4-6	01TR152004X1XF	FIELD LAB						X	X
SOIL	T-152	N	4-6	01TR152004X1XX	RECRA	X	X					
SOIL	T-152	N	12-14	01TR152012X1XF	FIELD LAB						X	X
SOIL	T-153	N	4-6	01TR153004X1XF	FIELD LAB						X	X
SOIL	T-153	N	10-12	01TR153010X1XF	FIELD LAB						X	X
SOIL	T-158	N	2-4	01TR158002X1XF	FIELD LAB						X	X

TABLE B-1
SUMMARY OF OFF-SITE AND FIELD LABORATORY ANALYTICAL PROGRAM

OLIN CHEMICALS PHASE I REPORT
ROCHESTER, NEW YORK

SAMPLE INFORMATION						PARAMETER (2)						
MATRIX	LOCATION ID	TYPE (1)	DEPTH (ft bgs)	SAMPLE ID	LAB	VOA	SVOA (3) & PYRIDINES	PEST/PCB	TAL INORGS	2,4-TDA	FIELD VOA	FIELD CHLOROPYRIDINES
SOIL	T-159	N	4-6	01TR159004X1XF	FIELD LAB						X	X
SOIL	T-159	N	4-6	01TR159004X1XX	RECRA	X	X					
SOIL	T-160	N	2-4	01TR160002X1XF	FIELD LAB						X	X
SOIL	T-161	N	2-4	01TR161002X1XF	FIELD LAB						X	X
WATER	BR-1	N	N/A	01BR001XXXX1XX	RECRA	X	X		X			
WATER	BR-101	N	N/A	01BR101XXXX1XX	RECRA	X	X		X			
WATER	BR-102	N	N/A	01BR102XXXX1XX	RECRA	X	X		X			
WATER	BR-103	N	N/A	01BR103XXXX1XX	RECRA	X	X		X			
WATER	BR-104	N	N/A	01BR104XXXX1XX	RECRA	X	X		X			
WATER	BR-105	D	N/A	01BR105XXDX1XX	RECRA	X	X		X			
WATER	BR-105	N	N/A	01BR105XXXX1XX	RECRA	X	X		X			
WATER	BR-105D	D	N/A	01BR105XXDX1DX	RECRA	X	X		X			
WATER	BR-105D	N	N/A	01BR105XXDX1XX	RECRA	X	X		X			
WATER	BR-106	N	N/A	01BR106XXXX1XX	RECRA	X	X		X			
WATER	BR-107	D	N/A	01BR107XXXX1XD	RECRA	X	X		X			
WATER	BR-107	N	N/A	01BR107XXXX1XX	RECRA	X	X		X			
WATER	BR-108	N	N/A	01BR108XXXX1XX	RECRA	X	X		X			
WATER	BR-2	N	N/A	01BR002XXXX1XX	RECRA	X	X		X			
WATER	BR-2D	N	N/A	01BR002XXDX1XX	RECRA	X	X		X			
WATER	BR-3	N	N/A	01BR003XXXX1XX	RECRA	X	X	X	X			
WATER	BR-3D	D	N/A	01BR003XXDX1DX	RECRA	X	X		X			
WATER	BR-3D	N	N/A	01BR003XXDX1XX	RECRA	X	X		X			
WATER	BR-4	N	N/A	01BR004XXXX1XX	RECRA	X	X		X			
WATER	BR-5A	D	N/A	01BR005XXXX1DX	RECRA	X	X	X	X			
WATER	BR-5A	N	N/A	01BR005XXXX1XX	RECRA	X	X	X	X			
WATER	BR-6	N	N/A	01BR006XXXX1XX	RECRA	X	X		X			
WATER	BR-7A	N	N/A	01BR007XXXX1XX	RECRA	X	X		X			
WATER	BR-8	N	N/A	01BR008XXXX1XX	RECRA	X	X		X			
WATER	BR-105D	N	51-56	01BW105052X1XX	RECRA	X	X					
WATER	BR-105D	N	56-62	01BW105056X1XX	RECRA	X	X					
WATER	BR-105D	N	62-67	01BW105062X1XX	RECRA	X	X					
WATER	BR-105D	N	67-73	01BW105067X1XX	RECRA	X	X					
WATER	BR-105D	N	72-77	01BW105072X1XX	RECRA	X	X					
WATER	BR-105D	N	80-86	01BW105080X1XX	RECRA	X	X					
WATER	BR-105D	N	92-97	01BW105092X1XX	RECRA	X	X					
WATER	BR-105D	N	97-102	01BW105097X1XX	RECRA	X	X					
WATER	BR-105D	D	101-107	01BW105101X1DX	RECRA	X	X					
WATER	BR-105D	N	101-107	01BW105101X1XX	RECRA	X	X					
WATER	B-1	N	N/A	01PZXB1XXXX1XX	RECRA	X	X		X			
WATER	B-2	N	N/A	01PZXB2XXXX1XX	RECRA	X	X		X			
WATER	B-3	N	N/A	01PZXB3XXXX1XX	RECRA	X	X					
WATER	B-4	N	N/A	01PZXB4XXXX1XX	RECRA	X	X		X			
WATER	B-5	N	N/A	01PZXB5XXXX1XX	RECRA	X	X		X			
WATER	B-6	N	N/A	01PZXB6XXXX1XX	RECRA	X	X		X			
WATER	B-7	N	N/A	01PZXB7XXXX1XX	RECRA	X	X		X			
WATER	B-8	D	N/A	01PZXB8XXXX1DX	RECRA	X	X		X			
WATER	B-8	N	N/A	01PZXB8XXXX1XX	RECRA	X	X		X			
WATER	B-9	N	N/A	01PZXB9XXXX1XX	RECRA	X	X		X			
WATER	B-10	N	N/A	01PZB10XXXX1XX	RECRA	X	X		X			
WATER	B-11	N	N/A	01PZB11XXXX1XX	RECRA	X	X		X			
WATER	B-14	N	N/A	01PZB14XXXX1XX	RECRA	X	X		X			
WATER	B-15	N	N/A	01PZB15XXXX1XX	RECRA	X	X		X			

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SUMMARY OF OFF-SITE AND FIELD LABORATORY ANALYTICAL PROGRAM

OLIN CHEMICALS PHASE I REPORT
ROCHESTER, NEW YORK

SAMPLE INFORMATION						PARAMETER (2)						
MATRIX	LOCATION ID	TYPE (1)	DEPTH (ft bgs)	SAMPLE ID	LAB	VOA	SVOA (3) & PYRIDINES	PEST/PCB	TAL INORGS	2,4-TDA	FIELD VOA	FIELD CHLOROPYRIDINES
WATER	B-16	N	N/A	01PZB16XXXX1XX	RECRA	X	X		X			
WATER	B-17	N	N/A	01PZB17XXXX1XX	RECRA	X	X	X	X			
WATER	C-1	N	N/A	01MWXC1XXXX1XX	RECRA	X	X	X	X			
WATER	C-2A	N	N/A	01MWXC2XXAX1XX	RECRA	X	X		X			
WATER	C-3	N	N/A	01MWXC3XXXX1XX	RECRA	X	X		X			
WATER	C-4	N	N/A	01MWXC4XXXX1XX	RECRA	X	X		X			
WATER	C-5	D	N/A	01MWXC5XXXX1DX	RECRA	X	X	X	X			
WATER	C-5	N	N/A	01MWXC5XXXX1XX	RECRA	X	X	X	X			
WATER	EC-1	N	N/A	01MWXECXX1X1XX	RECRA	X	X		X			
WATER	E-1	N	N/A	01MWXE1XXXX1XX	RECRA	X	X		X			
WATER	E-2	N	N/A	01MWXE2XXXX1XX	RECRA	X	X		X			
WATER	E-3	N	N/A	01MWXE3XXXX1XX	RECRA	X	X	X	X			
WATER	E-4	N	N/A	01MWXE4XXXX1XX	RECRA	X	X		X			
WATER	MW-103	N	N/A	01MW103XXXX1XX	RECRA	X	X		X			
WATER	MW-104	N	N/A	01MW104XXXX1XX	RECRA	X	X		X			
WATER	MW-106	N	N/A	01MW106XXXX1XX	RECRA	X	X		X			
WATER	MW-107	N	N/A	01MW107XXXX1XX	RECRA	X	X		X			
WATER	MW-108	N	N/A	01MW108XXXX1XX	RECRA	X	X		X			
WATER	MW-2	N	N/A	01MWXX2XXXX1XX	RECRA	X	X		X			
WATER	MW-3	N	N/A	01MWXX3XXXX1XX	RECRA	X	X		X			
WATER	MW-G6	N	N/A	01MWXG6XXXX1XX	RECRA	X	X		X			
WATER	MW-G8	N	N/A	01MWXG8XXXX1XX	RECRA	X	X		X			
WATER	MW-G9	N	N/A	01MWXG9XXXX1XX	RECRA	X	X		X			
WATER	N-1	D	N/A	01MWXN1XXXX1DX	RECRA	X	X		X			
WATER	N-1	N	N/A	01MWXN1XXXX1XX	RECRA	X	X		X			
WATER	N-2	N	N/A	01MWXN2XXXX1XX	RECRA	X	X		X			
WATER	N-3	N	N/A	01MWXN3XXXX1XX	RECRA	X	X		X			
WATER	PZ-101	N	N/A	01PZ101XXXX1XX	RECRA	X	X		X			
WATER	PZ-102	N	N/A	01PZ102XXXX1XX	RECRA	X	X		X			
WATER	PZ-103	N	N/A	01PZ103XXXX1XX	RECRA	X	X		X			
WATER	PZ-104	N	N/A	01PZ104XXXX1XX	RECRA	X	X		X			
WATER	PZ-105	N	N/A	01PZ105XXXX1XX	RECRA	X	X		X			
WATER	PZ-106	N	N/A	01PZ106XXXX1XX	RECRA	X	X		X			
WATER	PZ-107	N	N/A	01PZ107XXXX1XX	RECRA	X	X		X			

TABLE B-1
SUMMARY OF OFF-SITE AND FIELD LABORATORY ANALYTICAL PROGRAM

OLIN CHEMICALS PHASE I REPORT
ROCHESTER, NEW YORK

SAMPLE INFORMATION						PARAMETER (2)						
MATRIX	LOCATION ID	TYPE (1)	DEPTH (ft bgs)	SAMPLE ID	LAB	VOA	SVOA (3) & PYRIDINES	PEST/PCB	TAL INORGS	2,4-TDA	FIELD VOA	FIELD CHLOROPYRIDINES
WATER	PZ-108	N	N/A	01PZ108XXX1XX	RECRA	X	X		X			
WATER	S-1	N	N/A	01MWXS1XXX1XX	RECRA	X	X		X			
WATER	S-2	N	N/A	01MWXS2XXX1XX	RECRA	X	X		X			
WATER	S-3	N	N/A	01MWXS3XXX1XX	RECRA	X	X		X			
WATER	S-4	N	N/A	01MWXS4XXX1XX	RECRA	X	X		X			
WATER	T-101	N	12	01TW101012X1XF	FIELD LAB						X	X
WATER	T-102	D	12	01TW102012X1DF	FIELD LAB						X	X
WATER	T-102	D	12	01TW102012X1DX	RECRA	X						
WATER	T-102	N	12	01TW102012X1XF	FIELD LAB						X	X
WATER	T-102	N	12	01TW102012X1XX	RECRA	X						
WATER	T-103	N	14	01TW103014X1XF	FIELD LAB						X	X
WATER	T-103	N	14	01TW103014X1XX	RECRA	X						
WATER	T-104	N	19	01TW104019X1XF	FIELD LAB						X	X
WATER	T-105	D	14	01TW105014X1DF	FIELD LAB						X	X
WATER	T-105	N	14	01TW105014X1XF	FIELD LAB						X	X
WATER	T-108	N	12	01TW108012X1XF	FIELD LAB						X	X
WATER	T-107	N	8	01TW107008X1XF	FIELD LAB						X	X
WATER	T-107	N	8	01TW107008X1XX	RECRA	X						
WATER	T-108	N	9	01TW108009X1XF	FIELD LAB						X	X
WATER	T-109	N	13	01TW109013X1XF	FIELD LAB						X	X
WATER	T-110	N	12	01TW110012X1XF	FIELD LAB						X	X
WATER	T-111	N	9	01TW111009X1XF	FIELD LAB						X	X
WATER	T-112	N	11	01TW112011X1XF	FIELD LAB						X	X
WATER	T-112	N	11	01TW112011X1XX	RECRA	X						
WATER	T-113	N	6	01TW113006X1XF	FIELD LAB						X	X
WATER	T-114	N	9	01TW114009X1XF	FIELD LAB						X	X
WATER	T-115	D	9	01TW115009X1DX	RECRA	X	X					
WATER	T-115	N	9	01TW115009X1XF	FIELD LAB						X	X
WATER	T-115	N	9	01TW115009X1XX	RECRA	X	X					
WATER	T-116	N	10	01TW116010X1XF	FIELD LAB						X	X
WATER	T-117	N	14	01TW117014X1XF	FIELD LAB						X	X
WATER	T-118	N	15	01TW118015X1XF	FIELD LAB						X	X
WATER	T-119	N	6	01TW119006X1XF	FIELD LAB						X	X
WATER	T-120	N	8	01TW120008X1XF	FIELD LAB						X	X
WATER	T-121	D	13	01TW121013X1DF	FIELD LAB						X	X
WATER	T-121	D	13	01TW121013X1DX	RECRA	X	X					
WATER	T-121	N	13	01TW121013X1XF	FIELD LAB						X	X
WATER	T-121	N	13	01TW121013X1XX	RECRA	X	X					
WATER	T-122	N	10	01TW122010X1XF	FIELD LAB						X	
WATER	T-122	N	10	01TW122010X1XX	RECRA	X						
WATER	T-125	N	15	01TW125015X1XF	FIELD LAB						X	X
WATER	T-126	N	15	01TW126015X1XF	FIELD LAB						X	X
WATER	T-126	N	15	01TW126015X1XX	RECRA	X	X					
WATER	T-127	N	15	01TW127015X1XF	FIELD LAB						X	X

TABLE B-1
SUMMARY OF OFF-SITE AND FIELD LABORATORY ANALYTICAL PROGRAM

OLIN CHEMICALS PHASE I REPORT
ROCHESTER, NEW YORK

SAMPLE INFORMATION						PARAMETER (2)						
MATRIX	LOCATION ID	TYPE (1)	DEPTH (ft bgs)	SAMPLE ID	LAB	VOA	SVOA (3) & PYRIDINES	PEST/PCB	TAL INORGS	2,4-TDA	FIELD VOA	FIELD CHLOROPYRIDINES
WATER	T-128	N		14 01TW128014X1XF	FIELD LAB						X	X
WATER	T-129	D		10 01TW129010X1DX	RECRA	X	X					
WATER	T-129	N		10 01TW129010X1XF	FIELD LAB						X	X
WATER	T-129	N		10 01TW129010X1XX	RECRA	X	X					
WATER	T-130	N		8 01TW130008X1XF	FIELD LAB						X	X
WATER	T-131	N		0 01TW131000X1XF	FIELD LAB						X	X
WATER	T-132	D		11 01TW132011X1DF	FIELD LAB						X	X
WATER	T-132	N		11 01TW132011X1XF	FIELD LAB						X	X
WATER	T-133	N		11 01TW133011X1XF	FIELD LAB						X	X
WATER	T-134	N		14 01TW134014X1XX	RECRA	X						
WATER	T-134	N		15 01TW134015X1XF	FIELD LAB						X	X
WATER	T-135	N		18 01TW135018X1XF	FIELD LAB						X	X
WATER	T-136	N		9 01TW136009X1XF	FIELD LAB						X	X
WATER	T-137	N		8 01TW137008X1XF	FIELD LAB						X	X
WATER	T-138	D		10 01TW138010X1DF	FIELD LAB						X	X
WATER	T-138	D		10 01TW138010X1DX	RECRA	X	X					
WATER	T-138	N		10 01TW138010X1XF	FIELD LAB						X	X
WATER	T-138	N		10 01TW138010X1XX	RECRA	X	X					
WATER	T-139	N		7 01TW139007X1XF	FIELD LAB						X	X
WATER	T-140	N		9 01TW140009X1XF	FIELD LAB						X	X
WATER	T-141	N		13 01TW141013X1XF	FIELD LAB						X	X
WATER	T-142	D		13 01TW142013X1DF	FIELD LAB						X	X
WATER	T-142	D		13 01TW142013X1DX	RECRA	X	X					
WATER	T-142	N		13 01TW142013X1XF	FIELD LAB						X	X
WATER	T-142	N		13 01TW142013X1XX	RECRA	X	X					
WATER	T-143	N		13 01TW143013X1XF	FIELD LAB						X	X
WATER	T-143	N		13 01TW143013X1XX	RECRA	X	X					
WATER	T-144	N		8 01TW144008X1XF	FIELD LAB						X	X
WATER	T-144	N		8 01TW144008X1XX	RECRA	X	X					
WATER	T-145	D		17 01TW145017X1DX	RECRA	X						
WATER	T-145	N		17 01TW145017X1XF	FIELD LAB						X	X
WATER	T-145	N		17 01TW145017X1XX	RECRA	X	X					
WATER	T-147	N		17 01TW147017X1XF	FIELD LAB						X	X
WATER	T-147	N		17 01TW147017X1XX	RECRA	X	X					
WATER	T-148	N		12 01TW148012X1XF	FIELD LAB						X	X
WATER	T-148	N		12 01TW148012X1XX	RECRA	X	X					
WATER	T-149	N		10 01TW149010X1XF	FIELD LAB						X	X
WATER	T-150	N		17 01TW150017X1XX	RECRA	X	X					
WATER	T-151	N		9 01TW151009X1XF	FIELD LAB						X	X
WATER	T-151	N		9 01TW151009X1XX	RECRA	X	X					
WATER	T-153	N		13 01TW152013X1XF	FIELD LAB						X	X
WATER	T-153	N		18 01TW153018X1XF	FIELD LAB						X	X
WATER	T-154	N		17 01TW154017X1XF	FIELD LAB						X	X
WATER	T-154	N		17 01TW154017X1XX	RECRA	X	X					

TABLE B-1
SUMMARY OF OFF-SITE AND FIELD LABORATORY ANALYTICAL PROGRAM

OLIN CHEMICALS PHASE I REPORT
ROCHESTER, NEW YORK

SAMPLE INFORMATION						PARAMETER (2)						
MATRIX	LOCATION ID	TYPE (1)	DEPTH (ft bgs)	SAMPLE ID	LAB	VOA	SVOA (3) & PYRIDINES	PEST/PCB	TAL INORGS	2,4-TDA	FIELD VOA	FIELD CHLOROPYRIDINES
WATER	T-155	N	14	01TW155014X1XF	FIELD LAB						X	X
WATER	T-155	N	14	01TW155014X1XX	RECRA	X	X					
WATER	T-157	N	15	01TW157015X1XF	FIELD LAB						X	X
WATER	T-157	N	15	01TW157015X1XX	RECRA	X	X					
WATER	T-158	N	15	01TW158015X1XF	FIELD LAB						X	X
WATER	T-158	N	15	01TW158015X1XX	RECRA	X	X					
WATER	T-159	D	13	01TW159013X1DX	RECRA	X	X					
WATER	T-159	N	13	01TW159013X1XF	FIELD LAB						X	X
WATER	T-159	N	13	01TW159013X1XX	RECRA	X	X					
WATER	T-160	N	6	01TW160006X1XF	FIELD LAB						X	X
WATER	T-161	N	12	01TW161012X1XF	FIELD LAB						X	X
WATER	W-1	D	N/A	01MXXW1XXXX1DX	RECRA	X	X		X			
WATER	W-1	N	N/A	01MXXW1XXXX1XX	RECRA	X	X		X			
WATER	W-2	N	N/A	01MXXW2XXXX1XX	RECRA	X	X		X			
WATER	W-3	N	N/A	01MXXW3XXXX1XX	RECRA	X	X		X			
WATER	W-4	N	N/A	01MXXW4XXXX1XX	RECRA	X	X		X			
WATER	W-5	N	N/A	01MXXW5XXXX1XX	RECRA	X	X		X			
WATER	QF	F	N/A	01QDXX1XXXX1XF	FIELD LAB						X	X
WATER	QF	F	N/A	01QDXX1XXXX1XX	RECRA	X	X		X			
WATER	QF	F	N/A	01QDXX2XXXX1XF	FIELD LAB						X	X
WATER	QF	F	N/A	01QDXX2XXXX1XX	RECRA	X	X					
WATER	QF	F	N/A	01QDXX3XXXX1XF	FIELD LAB						X	X
WATER	QF	F	N/A	01QDXX3XXXX1XX	RECRA			X	X			
WATER	QF	F	N/A	01QDXX4XXXX1XF	RECRA		X					
WATER	QF	R	N/A	01QX10XXXX1XF	FIELD LAB						X	X
WATER	QF	R	N/A	01QX10XXXX1XX	RECRA	X	X					
WATER	QF	R	N/A	01QX11XXXX1XF	FIELD LAB						X	X
WATER	QF	R	N/A	01QX11XXXX1XX	RECRA	X	X					
WATER	QF	R	N/A	01QX12XXXX1XF	FIELD LAB						X	X
WATER	QF	R	N/A	01QX12XXXX1XX	RECRA	X	X		X			
WATER	QF	R	N/A	01QX13XXXX1XF	RECRA	X	X		X			
WATER	QF	R	N/A	01QX13XXXX1XX	RECRA	X	X		X			
WATER	QF	R	N/A	01QX14XXXX1XF	RECRA	X	X		X			
WATER	QF	R	N/A	01QX14XXXX1XX	RECRA	X	X		X			
WATER	QF	R	N/A	01QX15XXXX1XF	RECRA	X	X		X			
WATER	QF	R	N/A	01QX15XXXX1XX	RECRA	X	X		X			
WATER	QF	R	N/A	01QX16XXXX1XF	RECRA	X	X	X	X			
WATER	QF	R	N/A	01QX16XXXX1XX	RECRA	X	X	X	X			
WATER	QF	R	N/A	01QX17XXXX1XF	RECRA	X	X	X	X			
WATER	QF	R	N/A	01QX17XXXX1XX	RECRA	X	X	X	X			
WATER	QF	R	N/A	01QX18XXXX1XF	RECRA	X	X	X	X			
WATER	QF	R	N/A	01QX18XXXX1XX	RECRA	X	X	X	X			
WATER	QF	R	N/A	01QX19XXXX1XF	RECRA	X	X	X	X			
WATER	QF	R	N/A	01QX19XXXX1XX	RECRA	X	X	X	X			
WATER	QF	R	N/A	01QXXX1XXXX1XF	FIELD LAB						X	X
WATER	QF	R	N/A	01QXXX1XXXX1XX	RECRA	X						
WATER	QF	R	N/A	01QXXX2XXXX1XF	FIELD LAB						X	X
WATER	QF	R	N/A	01QXXX2XXXX1XX	RECRA	X	X		X	X		
WATER	QF	R	N/A	01QXXX3XXXX1XF	FIELD LAB						X	X
WATER	QF	R	N/A	01QXXX3XXXX1XX	RECRA	X	X					
WATER	QF	R	N/A	01QXXX4XXXX1XF	FIELD LAB						X	X
WATER	QF	R	N/A	01QXXX4XXXX1XX	RECRA	X	X					
WATER	QF	R	N/A	01QXXX4XXXX1XF	FIELD LAB						X	X
WATER	QF	R	N/A	01QXXX4XXXX1XX	RECRA	X	X					

TABLE B-1
SUMMARY OF OFF-SITE AND FIELD LABORATORY ANALYTICAL PROGRAM

OLIN CHEMICALS PHASE I REPORT
ROCHESTER, NEW YORK

SAMPLE INFORMATION						PARAMETER (2)						
MATRIX	LOCATION ID	TYPE (1)	DEPTH (ft bgs)	SAMPLE ID	LAB	VOA	SVOA (3) & PYRIDINES	PEST/PCB	TAL INORGS	2,4-TDA	FIELD VOA	FIELD CHLOROPYRIDINES
WATER	QF	R	N/A	01QSXX5XXXX1XF	FIELD LAB						X	X
WATER	QF	R	N/A	01QSXX6XXXX1XX	RECRA	X	X					
WATER	QF	R	N/A	01QSXX6XXXX1XF	FIELD LAB						X	X
WATER	QF	R	N/A	01QSXX6XXXX1XX	RECRA	X	X			X		
WATER	QF	R	N/A	01QSXX7XXXX1XF	FIELD LAB						X	X
WATER	QF	R	N/A	01QSXX7XXXX1XX	RECRA	X	X			X		
WATER	QF	R	N/A	01QSXX8XXXX1XF	FIELD LAB						X	X
WATER	QF	R	N/A	01QSXX8XXXX1XX	RECRA	X	X					
WATER	QF	R	N/A	01QSXX9XXXX1XF	FIELD LAB						X	X
WATER	QF	R	N/A	01QSXX9XXXX1XX	RECRA		X					
WATER	QF	T	N/A	01QTX10XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX11XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX12XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX13XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX14XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX15XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX16XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX17XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX18XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX19XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX20XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX21XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX22XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX23XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX24XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX25XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX26XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX27XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX28XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX29XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX30XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX31XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX1XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX2XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX3XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX4XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX5XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX6XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX7XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX8XXXX1XX	RECRA	X						
WATER	QF	T	N/A	01QTX9XXXX1XX	RECRA	X						

TABLE B-1
SUMMARY OF OFF-SITE AND FIELD LABORATORY ANALYTICAL PROGRAM

OLIN CHEMICALS PHASE I REPORT
ROCHESTER, NEW YORK

SAMPLE INFORMATION						PARAMETER (2)						
MATRIX	LOCATION ID	TYPE (1)	DEPTH (ft bgs)	SAMPLE ID	LAB	VOA	SVOA (3) & PYRIDINES	PEST/PCB	TAL INORGS	2,4-TDA	FIELD VOA	FIELD CHLOROPYRIDINES

NOTES:

(1) Sample types listed below

- N - Normal sample
- D - Duplicate sample
- F - Field QC blank
- R - Equipment Rinse blank
- T - Trip Blank

(2) SOIL = NYSDEC ASP CLP analytical methodology protocols; WATER = USEPA SW-846 analytical methodology protocols.

(3) SVOA analysis includes quantitation for selected pyridines and p-fluoroaniline.

Field VOAs:

Carbon Tetrachloride
1,1-Dichloroethene
cis-1,2-Dichloroethene
trans-1,2-Dichloroethene
1,1,1-Trichloroethane
Chloroform
Methylene chloride
Tetrachloroethene
Trichloroethene

Field Pyridines:

2-Chloropyridine
3-Chloropyridine
4-Chloropyridine
2,6-Dichloropyridine

QF = Field QA/QC samples.

VOA = Target Compound List (TCL) Volatile Organic Analysis

SVOA = TCL Semivolatile Organic Analysis

TAL INORGS = Target Analyte List Inorganic constituents

PEST/PCB = TCL Pesticides and Polychlorinated biphenyls

bgs = below ground surface

NA = Not Applicable

B-1 FIELD ANALYTICAL DATA

APPENDIX B-1

FIELD ANALYSIS PROGRAM

OLIN CHEMICAL PLANT; ROCHESTER, NEW YORK, FALL 1993

Field analyses were performed at the Olin facility in Rochester, New York from October 5 until December 3, 1993. Soil, water, and soil gas samples were analyzed using gas chromatography (GC). Selected chlorinated solvents were analyzed by Modified USEPA SW-846 Method 8010 and according to the ABB-ES SOP (ABB-ES, 1993). Chloropyridines were analyzed by GC using direct injection for water samples and with micro-extraction followed by direct injection for soils. Total solids were determined for each soil sample and all soil results are reported as dry weight.

As discussed in the following sections, water and soil preparation and analytical methods showed good precision and accuracy. Field QC analyses (surrogate standard recoveries, MS/MSD analyses) generally indicated average water and soil recovery results were within expected performance ranges. Furthermore, field analytical data obtained from the field analysis program are of sufficient quality to meet project data quality objectives (e.g., support contamination assessment, risk evaluation, and remedial design alternatives scoping). The following sections describe the field analysis program for the Olin Chemical Plant in detail.

1.0 VOLATILE ANALYSIS

Nine chlorinated compounds were targeted for analysis: methylene chloride; 1,1-dichloroethene; cis-1,2-dichloroethene; trans-1,2 dichloroethene; chloroform; 1,1,1-trichloroethane; carbon tetrachloride; trichloroethene; and tetrachloroethene. Soil and water samples were analyzed using purge and trap concentration followed by GC analysis.

A HP5890 Series II GC equipped with an Electron Capture Detector (ECD) connected to a Tekmar 3000 purge and trap was used for sample analysis. A DB-624 75 meter, 0.53 mm ID megabore column was used for compound separation and

resolution. Data were collected on a HP3365 Chemstation for quantitation and interpretation.

The major differences between the field volatile method and the offsite lab method lie in the detectors used. The field method used an ECD, whereas the offsite lab used a Mass Spectrometer (MS). All other GC parameters and preparation procedures were comparable. Since the detectors are different, the relative response factor for each compound is different. Typically, a lower detection limit can be reached with an ECD as compared to a MS. The MS, however, gives an added level of confidence in compound identification.

2.0 CHLOROPYRIDINE ANALYSIS

Four chlorinated pyridines were targeted for analysis: 2-chloropyridine, 3-chloropyridine, 4-chloropyridine, and 2,6-dichloropyridine. Water samples were analyzed by direct injection into the GC. Soil samples were extracted with hexane followed by direct injection into the GC.

A HP5890 Series II GC equipped with an ECD was used for sample analysis. A RTX-5 30 meter, 0.53 mm ID megabore column was used for compound separation and resolution. Data was collected on a HP3365 Chemstation for quantitation and interpretation.

The major differences between the field and offsite lab methods for chloropyridine analyses lie in the sample preparation and the type of detector used during analysis. The field chloropyridine preparation method is outlined in Section 3.5, and the offsite lab preparation follows the procedure outlined in SW-846 method 3550 with gel permeation chromatography (GPC) cleanup(soils) and 3510 (waters). The offsite sample preparation was much more extensive and achieves lower detection limits by removing potential matrix interference and by concentrating the sample volume/weight. The field preparation method was meant to be a quick procedure which can be used in a field setting with minimal equipment and faster throughput. The offsite laboratory method used a MS detector and the field method used an ECD.

3.0 ANALYTICAL PROCEDURES

The field laboratory analytical procedures can be broken down into seven categories: conventions, calibration (i.e., identification, quantitation), method detection limits, blanks, sample preparation, quality control, and reporting. The following seven subsections describe the field analytical procedures.

3.1 CONVENTIONS

The field laboratory conventions developed over several years were followed to ensure that documentation and analysis were performed in a consistent manner from operator to operator. Conventions are established for coding standards, recording logbook entries, performing calculations, and analyzing quality control samples.

Stock Standards. Stock chemical standards were purchased from Supelco, Inc., and Chem Service, Inc. All standard information is entered in the project logbook.

Working Standards. Working chemical standards were purchased through an approved vendor or prepared from stock standards. Working standards were made by diluting neat or prepared stock standards. For standards made from neat solutions, the compound density or weight was used in calculating the appropriate amount of compound and solvent to be combined. All working standards were labeled with an identification code (see ABB-ES, 1993), compound or mix name, and concentration.

3.2 CALIBRATION

The calibration process for GC analysis involved two steps, the first was compound identification and the second was quantitation. Identification was accomplished by matching compound elution with retention time of peak. Quantitation for both standard and sample analysis were performed using a multilevel external calibration technique.

Identification. Compounds were identified by matching the analytes elution pattern with the retention times of peaks. The retention time is defined as

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the period of time from the injection of a mixture onto a column to the elution of the peak of interest. For proper compound identification, a known standard was analyzed on the GC and the compounds of interest retention times were noted.

Multilevel Calibration. In the multilevel calibration, a minimum of three levels (concentrations) of standards were analyzed. The standard concentrations were selected to cover the concentration range of contaminants expected.

Quantitation. Both linear regression and point to point calibrations were used for quantitation. The use of linear regression required that a correlation coefficient (r) of 0.95 or greater be achieved. A point to point calibration was used for non-linear calibrations (i.e., when the r for linear regression exceeds 0.95).

Once a calibration technique is chosen it must be used for all compounds associated with each detector for the length of the project. The initial calibration is valid without a continuing calibration standard for twenty-four hours beginning when the last of the initial calibration standards run is complete.

Continuing Calibration. Prior to daily sample analysis, a continuing calibration check standard was analyzed near the mid-level for the current calibration curve. The target analyte concentrations had to agree within 30 percent when compared to the initial calibration concentration. The percent difference calculated ($\%D$) is between the initial and continuing calibration standards as follows.

$$\%D = \left| \frac{\text{calc. amt. std.} - \text{spiked amt. std.}}{\text{spiked amt. std.}} \right| * 100$$

Samples were analyzed only if no more than one compound per detector, or up to 10 percent of the target compounds, exceeded the percent difference criterion of 30 percent. If the above criterion was not met, a second standard was analyzed for the compounds that failed during the first check standard

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analysis. If the second standard was unacceptable, a new calibration curve was prepared.

3.3 METHOD DETECTION AND REPORTING LIMITS

Method Detection Limits (MDLs) are generated annually by the field chemistry group for commonly used methods. For project-unique or -specific methods, MDLs are part of the method development or validation.

Method Reporting Limits (MRLs) similar to laboratory practical quantitation limits (PQLs) are determined from the MDLs for the project. All MDLs are determined according to the procedure described in 40 CFR, Part 136.

Volatile MRLs. The volatile compound MDLs are established yearly, by the ABB's field analytical group. The most recent MRLs are listed below:

<u>COMPOUND</u>	<u>MRL ($\mu\text{g/L}$ or $\mu\text{g/kg}$)</u>
1,1-Dichloroethene	1.0
Methylene Chloride	1.0
trans-1,2-Dichloroethene	1.0
cis-1,2-Dichloroethene	1.0
1,1,1-Trichloroethane	1.0
Chloroform	MDL Not Determined (1.0)
Carbon Tetrachloride	1.0
Trichloroethene	1.0
Tetrachloroethene	1.0

Chloropyridine MDLs. The chloropyridines MDL study was conducted using direct inject of the chloropyridines in hexane. Consequently, the MDLs are the same for both soils and waters. The MRLs were established using the field chemist's professional judgement and experience.

<u>COMPOUND</u>	<u>MDL</u>	<u>MRL</u>
2-Chloropyridine	89	100
3-Chloropyridine	450	1000
4-Chloropyridine	28	50

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2,6-Dichloropyridine

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50

All concentrations are in $\mu\text{g/L}$ or $\mu\text{g/kg}$.

In addition to the MDL study, a precision and accuracy study was conducted for the analysis of chloropyridine's in the soil. Site soil samples were prepared by washing the soil with hexane, air drying it, and heating the soil in an oven above 250°C . A solution of standard spikes was applied to the soil samples. Four replicate spiked samples were analyzed and the average recoveries (accuracy) and standard deviations (precision) were determined. The results are presented below and indicate the field sample preparation and GC analyses were performed with good accuracy and precision:

COMPOUND	FINAL SPIKE CONCENTRATION ($\mu\text{g/kg}$)	AVERAGE RECOVERY (%)	STANDARD DEVIATION
2-Chloropyridine	50,000	85	1.3
3-Chloropyridine	20,000	100	2.2
4-Chloropyridine	50,000	198	7.9
2,6-dichloropyridine	2,000	83	1.3

3.4 BLANK ANALYSIS

There are three types of blanks associated with the analyses; method blanks, medium level method blanks (for volatile analysis only), and cleaning blanks. Method blanks were analyzed every 24 hours for each instrument used. Cleaning blanks consisting of hexane were analyzed according to the operator's judgement, usually after any sample that exceeded the calibration curves.

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3.5 SAMPLE PREPARATION

Soil and water samples were prepared prior to analysis as described below.

3.5.1 Volatile Sample Preparation

Sample analysis and preparation techniques have been adapted from protocols outlined in SW-846; (USEPA Purge and Trap Methods 8010, 8015, 8020, and 8240 (USEPA 1986).

3.5.2 Chloropyridine Soil Sample Preparation

Soil samples were extracted using a micro-extraction technique. Two grams of wet soil were added to a screw top test tube. The surrogate, 3,5-dichloropyridine in hexane, was added to the sample. Anhydrous sodium sulfate was added to the sample and thoroughly mixed to dry the sample to a free flowing powdered mixture. Two or four mL of pesticide grade hexane was added to the test tube. If four mLs was added a dilution factor of two was applied. The test tube was capped and vigorously shaken or vortexed for two to three minutes to extract the chloropyridines from the sample. The sample was either centrifuged or allowed to settle to separate the hexane phase. A small aliquot (5 μ L) of hexane was removed from the test tube and injected into the GC for analysis.

3.5.3 Chloropyridine Water Sample Preparation

Water samples (2.0 mL) were injected with the surrogate, 3,5-dichloropyridine in methanol. The final surrogate concentration in the sample was 2,000 μ g/L. Water samples were injected directly into the GC. If the samples contained inordinate amounts of sediment, the samples were centrifugal prior to injection to prevent the plugging of the GC column.

3.6 QUALITY CONTROL

The following procedures were followed by the field chemists to insure standardization of the operating procedures:

3.6.1 Review

The field chemist reviewed each chromatogram before analyzing the next sample. The review included the calculation of surrogate recoveries, comparison of surrogate and target compound retention times to calibration standards, and the evaluation of carryover potential.

3.6.2 Surrogate Recoveries

All samples submitted for both volatile and chloropyridine analyses were spiked with a surrogate standard solution. Surrogate standards are used to identify any matrix interference or system problems that may occur during analysis. The surrogate standards used for the volatile analysis and Chloropyridine analysis were BFB, and 3,5-dichloropyridine, respectively.

Volatile Surrogate Recoveries. There were 90 volatile surrogate standard recovery results for water samples (this includes some reanalysis and dilutions). Upper and lower method performance limits, were calculated according to SW-846, i.e., three times the standard deviation, S. The upper and lower performance limits calculated for the water analyses were 35 to 173 percent. Only one sample, 01TW119006X1RF (179 percent) exceeded this range. Furthermore, 94 percent of the surrogate standard recoveries for field samples were within 2S, (58 to 150 percent), and 74 percent were within 1S, (81 to 127 percent).

There were 59 volatile surrogate standard recovery results for soil samples. The upper and lower method performance limits calculated for the soil analysis were 16 to 155 percent. All surrogate standard recovery results were within this range; 95 percent of the recovery results were within 2S, (39 to 132 percent) and 75 percent were within 1S, (62 to 109 percent).

Chloropyridine Surrogate Recoveries. There were 81 chloropyridine surrogate standard recovery results for water samples. The upper and lower method performance limits, calculated at $\pm 3S$, were 37 to 125 percent. All recovery results were within this range. Furthermore, 98 percent of the recovery results were within 2S, (52 to 110) and 66 percent were within 1S, (67 to 96 percent).

There were 57 chloropyridine surrogate recovery results for soil samples. The upper and lower method performance limits were calculated at 16 to 16 percent. All recovery results were within this range. Furthermore, 91 percent of the recovery results were within 2S, (40 to 136 percent) and 77 percent were within 1S, (64 to 112 percent).

3.6.3 Matrix Spikes. Matrix spike quality control samples were analyzed as specified by the project work plans. Selected field samples were spiked with target compounds at the mid-calibration concentration. The percent recovery (%R) of each spiked target compound was calculated and recorded as detailed in the following equation.

$$\% \text{Recovery} = \left| \frac{(\text{sample conc.} + \text{spike conc.}) - \text{sample conc.}}{\text{spike conc.}} \right| * 100$$

RPD. The relative percent difference (RPD) between the matrix spike and matrix spike duplicate was calculated and recorded.

$$RPD = \left| \frac{\%R \text{ MS} - \%R \text{ MSD}}{\left(\frac{\%R \text{ MS} + \%R \text{ MSD}}{2} \right)} \right|$$

Volatile Matrix Spike Recoveries. The average volatile matrix spike recoveries obtained during analysis are listed below and were compared to the criteria outlined in SW-846, Method 8010A. The individual sample spike results are recorded in the project logbook. As indicated below, all average water and soil MS/MSD recoveries were observed within method protocol recovery ranges for VOAs.

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COMPOUNDS	SW-846 RECOVERY RANGE (%)	MEASURED FIELD ANALYSIS RECOVERIES (%)	
		AVG. WATER	AVG. SOIL
1,1-Dichloroethene	28-167	93	77
Methylene chloride	25-162	83	60
trans-1,2-Dichloroethene	38-155	79	103
cis-1,2-Dichloroethene	38-155	102	123
Chloroform	49-133	93	99
1,1,1-Trichloroethane	41-138	112	127
Carbon tetrachloride	43-143	102	96
Trichloroethene	35-146	94	107
Tetrachloroethene	26-122	107	103

Chloropyridine Matrix Spike Recoveries. The average matrix spike recoveries obtained during field chloropyridine analysis were determined for water and soil samples. For the water analysis, 3-chloropyridine and 4-chloropyridine coeluted and the matrix spike results are calculated as one result. There are no SW-846 percent recovery range criteria for either pyridine or chloropyridines. However, based on recoveries of 2-chlorophenol and 2,4-dichlorophenol (compounds similar to the chloropyridines in having distinctive acid-base properties), percent recovery ranges taken from SW-846 are 23-134% and 39-135%, respectively. As indicated below, all average water and soil MS/MSD recoveries (except average soil 4-chloropyridine recovery) were observed within method protocol recovery ranges for SVOAs. 4-Chloropyridine soil results may be biased high, based on the average MS/MSD recovery range observed above the expected recovery range.

COMPOUNDS	EXPECTED RECOVERY (%) RANGE	MEASURED FIELD ANALYSIS RECOVERIES (%)	
		AVERAGE WATER	AVERAGE SOIL
2-Chloropyridine	23-134*	76	74
3-Chloropyridine	23-134*	#	109
4-Chloropyridine	23-134*	114E	174
2,6-Dichloropyridine	39-135±	58	80

* Based on 2-chlorophenol.

± Based on 2,4-dichlorophenol.

5 and 4 chloropyridines coelute in water. Results are reported as 4 chloropyridine.

3.7 REPORTING

Data from all sample analyses and relevant calibration and blank analyses were documented in the project GC logbook. The project logbook contains the following parameters and information: initial calibrations, continuing calibrations, surrogate recoveries, matrix spikes, matrix spike duplicates, method blanks, dilutions, reanalyses, observations made by the field chemist, problems and fixes, unknown peaks, raw data, maintenance information, analytical conditions, and standard preparation documentation.

A routine baseline review and evaluation of the field analytical data was conducted daily on all samples analyzed. The bases for flagging and data evaluation are given in the SOP (ABB-ES, 1993). Specific flagging criteria are listed below:

GC QUALIFICATION FLAGS FOR DATA EVALUATION

- (J) The J flag is used to indicate an estimated data point. This can occur when a compound does not meet calibration criteria for initial

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calibration, continuing calibration or both. It may also be used to flag data that is detected, but below the reporting limit. Other occurrences which the field chemist judges to affect an analytical result may be flagged with a J. These occurrences are noted in the project logbook.

- (B) The B flag is used when a target compound is detected in an associated method blank. All values within five times of the method blank result are flagged with B, and the presence of this compound may be suspect.
- (E) The E flag is used to indicate estimated data. The flag is used when a compound is detected at a concentration that is above the highest calibration standard.
- (S) The S flag is used when the associated surrogate standard recovery did not meet field GC analysis criteria specified in the SOP (ABB-ES, 1993). For waters the surrogate standard recoveries must be between 50 and 150 percent. For soils the surrogate standard recoveries must be between 30 and 200 percent.
- (M) The M flag is used when the matrix spike recoveries do not meet criteria specified in the SOP (ABB-ES, 1993). All samples analyzed during the same calibration period (since the previous calibration check standard and to the end of the analytical day) are flagged for the compound(s) that failed. For waters the spike recoveries must be between 50 and 150 percent. For soil the spike recoveries must be between 30 and 200 percent.

Note: Field screening data flagged with the above qualifiers would be considered qualified results (estimated values).

4.0 SUMMARY

Based upon data review described in Section 3, volatile and pyridine field analyses yielded accurate and precise data meeting project data quality objectives (i.e., data are of sufficient quantity and quality to support contamination assessment, risk assessment, remedial design alternative scoping). Field QC results obtained were

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generally within ABB-ES SOP-specified criteria and criteria specified in USEPA SW-846-comparable methods.

REFERENCES:

ABB Environmental Services Inc., 1993, "Purge and Trap Analysis of Volatile Organic Compounds by Field Gas Chromatography (GC)", SOP #FGCPT00202, Portland Maine.

U.S. Environmental Protection Agency, 1986, "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods; SW-846"; Office of Solid Waste and Emergency Response, Washington, D.C.

FIELD ANALYTICAL DATA
SOIL GAS

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01SG*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	SG-101	SG-102	SG-103	SG-104	SG-105	SG-106	SG-107	SG-108
DEPTH:	003	003	003	003	003	003	003	003
SAMPLE ID:	01SG101003X1XF	01SG102003X1XF	01SG103003X1XF	01SG104003X1XF	01SG105003X1XF	01SG106003X1XF	01SG107003X1XF	01SG108003X1XF
MATRIX:	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas
DATE ANALYZED:	12 Oct 93	12 Oct 93	12 Oct 93	12 Oct 93	12 Oct 93	12 Oct 93	12 Oct 93	12 Oct 93
GC ID:	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A

	MRL								
1,1-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROFORM	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01SG*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	SG-109	SG-110	SG-111	SG-112	SG-113	SG-114	SG-115	SG-116
DEPTH:	003	003	003	003	003	003	003	003
SAMPLE ID:	01SG109003X1XF	01SG110003X1XF	01SG111003X1XF	01SG112003X1XF	01SG113003X1XF	01SG11400301XF	01SG11500301XF	01SG11600301XF
MATRIX:	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas
DATE ANALYZED:	12 Oct 93	12 Oct 93	12 Oct 93	12 Oct 93	12 Oct 93	19 Oct 93	19 Oct 93	19 Oct 93
GC ID:	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A

	MRL								
1,1-DICHLOROETHENE	1.0	0.8	0.1 U	0.2	0.3	0.1 U	0.1 U	0.1 U	0.2
METHYLENE CHLORIDE	1.0	2.4	0.1 U	0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.2	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,2-DICHLOROETHENE	1.0	0.2	0.1 U	0.1 U	1.6	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROFORM	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	2.2
1,1,1-TRICHLOROETHANE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.3	0.5	2.2
TRICHLOROETHENE	1.0	0.4	0.1 U	0.1 U	0.2	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	1.0	0.4	0.1 U	0.1 U	1.3	0.3	0.1 U	0.2	0.5

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.25

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01SG*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	SG-117	SG-118	SG-119	SG-120	SG-121	SG-122	SG-123	SG-124
DEPTH:	003	003	003	003	003	003	003	003
SAMPLE ID:	01SG117003X1XF	01SG118003X1XF	01SG119003X1XF	01SG120003X1XF	01SG121003X1XF	01SG122003X1XF	01SG123003X1XF	01SG124003X1XF
MATRIX:	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas
DATE ANALYZED:	12 Oct 93	14 Oct 93	14 Oct 93	18 Oct 93	15 Oct 93	18 Oct 93	15 Oct 93	15 Oct 93
GC ID:	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A

	MRL							
1,1-DICHLOROETHENE	1.0	0.1 U	0.1	0.1 U	0.5 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	1.0	0.1 U	0.1 U	0.4	2.4	0.1 U	0.1 U	0.3
TRANS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.5 U	0.1 U	0.1 U	0.1 U
CIS-1,2-DICHLOROETHENE	1.0	0.1	0.1 U	0.1 U	0.5 U	0.1 U	0.1 U	0.1 U
CHLOROFORM	1.0	0.1	0.1 U	0.1	23	0.1 U	2.4	0.1 U
1,1,1-TRICHLOROETHANE	1.0	0.1 U	0.1 U	0.1 U	0.5 U	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.0	1.0	0.1 U	1.0	38	0.1 U	2.7	1.1
TRICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	2.3	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	1.0	1.4	0.1 U	0.1 U	8.5	0.1 U	0.4	1.3

Multiplier: 1.00 1.00 1.00 5.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01SG*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	SG-125	SG-126	SG-127	SG-128	SG-129	SG-130	SG-131	SG-132	
DEPTH:	003	003	003	003	003	003	003	003	
SAMPLE ID:	01SG125003X1XF	01SG126003X1XF	01SG127003X1XF	01SG128003X1XF	01SG129003X1XF	01SG130003X1XF	01SG13100301XF	01SG13200301XF	
MATRIX:	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	
DATE ANALYZED:	15 Oct 93	15 Oct 93	15 Oct 93	15 Oct 93	15 Oct 93	15 Oct 93	18 Oct 93	18 Oct 93	
GC ID:	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	

	MRL								
	1.0	1.7	0.1 U	0.1	0.1 U	0.1	0.1	0.1 U	0.1
1,1-DICHLOROETHENE	1.0	1.7	0.1 U	0.1	0.1 U	0.1	0.1	0.1 U	0.1
METHYLENE CHLORIDE	1.0	0.1 U	0.1 U	0.2	0.1 U	0.2	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	1.0	1.3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,2-DICHLOROETHENE	1.0	1.8	0.1 U	0.1 U	0.1 U	0.1 U	0.1	0.1 U	0.1 U
CHLOROFORM	1.0	1.6	0.1 U	0.7	0.1 U	0.3	0.1	0.1 U	2.9
1,1,1-TRICHLOROETHANE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.0	0.9	0.6	2.7	0.1 U	1.3	0.1 U	0.1 U	3.1
TRICHLOROETHENE	1.0	1.7	0.1 U	0.2	0.1 U	0.1 U	0.2	0.1 U	0.1 U
TETRACHLOROETHENE	1.0	3.9	0.4	1.9	0.1 U	0.5	1.8	0.1 U	1.2

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01SG*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	SG-133	SG-134	SG-135	SG-136	SG-137	SG-138	SG-139	SG-140
DEPTH:	003	003	003	003	003	003	003	003
SAMPLE ID:	01SG13300301XF	01SG134003X1XF	01SG135003X1XF	01SG136003X1XF	01SG137003X1XF	01SG138003X1XF	01SG139003X1XF	01SG140003X1XF
MATRIX:	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas
DATE ANALYZED:	18 Oct 93	14 Oct 93	14 Oct 93	14 Oct 93	14 Oct 93	14 Oct 93	14 Oct 93	14 Oct 93
GC ID:	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A

	MRL								
1,1-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1	0.2	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1
TRANS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROFORM	1.0	0.1	0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.0	0.3	1.8	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1
TRICHLOROETHENE	1.0	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	1.0	0.1 U	0.8	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01SG*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	SG-141	SG-142	SG-143	SG-144	SG-145	SG-146	SG-147	SG-148	SG-148
DEPTH:	003	003	003	003	003	003	003	003	003
SAMPLE ID:	01SG141003X1XF	01SG142003X1XF	01SG143003X1XF	01SG144003X1XF	01SG145003X1XF	01SG146003X1XF	01SG147003X1XF	01SG148003X1XF	01SG148003X1XF
MATRIX:	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas
DATE ANALYZED:	15 Oct 93	15 Oct 93	13 Oct 93	13 Oct 93	13 Oct 93	13 Oct 93	13 Oct 93	13 Oct 93	13 Oct 93
GC ID:	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A

	MRL								
1,1-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1	0.1 U	0.1 U
METHYLENE CHLORIDE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1
TRANS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2	0.1 U	0.1 U
CIS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROFORM	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.0	0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRICHLOROETHENE	1.0	0.1 U	0.1 U	0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01SG*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	SG-149	SG-150	SG-151	SG-152	SG-153	SG-154	SG-155	SG-156
DEPTH:	003	003	003	003	003	003	003	003
SAMPLE ID:	01SG149003X1XF	01SG150003X1XF	01SG151003X1XF	01SG152003X1XF	01SG153003X1XF	01SG154003X1XF	01SG155003X1XF	01SG156003X1XF
MATRIX:	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas
DATE ANALYZED:	13 Oct 93	13 Oct 93	13 Oct 93	13 Oct 93	13 Oct 93	13 Oct 93	14 Oct 93	14 Oct 93
GC ID:	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A

	MRL								
1,1-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	1.0	0.1 U	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1	0.1 U
TRANS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	1.3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROFORM	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	2.0	0.3
1,1,1-TRICHLOROETHANE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2	0.1 U
TRICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01SG*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	SG-157	SG-158	SG-159	SG-160	SG-161	SG-162	SG-163	SG-164	SG-164
DEPTH:	003	003	003	003	003	003	003	003	003
SAMPLE ID:	01SG157003X1XF	01SG158003X1XF	01SG159003X1XF	01SG160003X1XF	01SG161003X1XF	01SG162003X1XF	01SG163003X1XF	01SG164003X1XF	01SG164003X1XF
MATRIX:	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas
DATE ANALYZED:	14 Oct 93	13 Oct 93	13 Oct 93	13 Oct 93	13 Oct 93	13 Oct 93	14 Oct 93	14 Oct 93	14 Oct 93
GC ID:	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A

	MRL								
1,1-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	1.0	0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROFORM	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.0	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Multiplier:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
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NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Table 2
Validation / Summary Table

LOCATION:	E-1	E-4	B-1	B-2	B-4	B-5	B-6	B-7
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01MWXE1XXXX1XX	01MWXE4XXXX1XX	01PZXB1XXXX1XX	01PZXB2XXXX1XX	01PZXB4XXXX1XX	01PZXB5XXXX1XX	01PZXB6XXXX1XX	01PZXB7XXXX1XX
LAB NUMBER:	6130	5744	5734	5740	5746	5747	6122	6123
DATE SAMPLED:	01/27/94	01/24/94	01/21/94	01/24/94	01/24/94	01/24/94	01/26/94	01/26/94

ANALYTE	SW-846.3	CRDL	E-1	E-4	B-1	B-2	B-4	B-5	B-6	B-7
Aluminum	100	697	53700	628000	30300	80500	2990	53900	53500	
Antimony	50	3.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	9.0	3.0 U	
Arsenic	5	17.0	26.0	34.0	33.0	62.0	40.0	610	71.0	
Barium	10	159	680	6510	1450	958	355	1900	576	
Beryllium	2	3.0 U	3.0 U	26.3	3.0 U	3.0 U	3.0 U	7.4	3.0 U	
Cadmium	5	7.0	1.4 J	110 J	1.6 J	1.8 J	14.0 J	9.0	1.5	
Calcium	500	16900	280000	1650000	3630000	1100000	232000	452000	727000	
Chromium	10	28.0	56.6	856	43.1	66.2	10.0 U	10.0 U	114	
Cobalt	10	20.0 U	45.5 J	445	43.1 J	73.5	20.0 U	85.8	71.8	
Copper	10	1130	149	1810	10.9 J	62.6	13.9 J	390	76.3	
Iron	100	6160	428000	1450000	82700	422000	46600	2460000	284000	
Lead	5	R	55.0	2700	44.0	79.0	14.0	830 J	95.0 J	
Magnesium	500	R	79400	718000	99600	241000	80100	132000	177000	
Manganese	10	104	5190	56000	43600	11100	842	15000	4120	
Mercury	0.2	0.40 U	3.9	627	0.40 U	0.40 U	2.3	1.3	0.40 U	
Nickel	40	30.0 U	128	1600	382	150	30.0 U	30.0 U	88.3	
Potassium	5000	5350	28900	40200	8640	13100	4150 J	11700	14200	
Selenium	5	3.0 UJ	3.0 UJ	3.0 UJ	3.0 UJ	3.0 UJ	3.0 UJ	3.0 UJ	3.0 UJ	
Silver	10	R	10.0 U	55.9	10.0 U	10.0 U	10.0 U	R	R	
Sodium	5000	657000	35100	286000	485000	568000	482000	435000	183000	
Thallium	5	R	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	R	R	
Vanadium	10	128	112	660	50.9	97.9	20.0 U	380	273	
Zinc	20	296	240	4970	168	242	139	10900	350	
Cyanide	10	15.4	10.0 U	17.8	10.0 U	10.0 U	11.8	84.0	19.0	

Associated Method Blank:	PB12W	PB10W	PB10W	PB10W	PB10W	PB10W	PB10W	PB12W	PB12W
Associated Equipment Blank:	01QSX18XXXX1XX	01QSX15XXXX1XX	01QSX13XXXX1XX	01QSX15XXXX1XX	01QSX15XXXX1XX	01QSX15XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX
Associated Field Blank:	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	BR-107	BR-107	BR-108	BR-8	MW-103	MW-104	MW-106	MW-107
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01BR107XXXX1XD	01BR107XXXX1XX	01BR108XXXX1XX	01BRXX8XXXX1XX	01MW103XXXX1XX	01MW104XXXX1XX	01MW106XXXX1XX	01MW107XXXX1XX
LAB NUMBER:	5733	5729	6262	5748	5651	5962	6260	5728
DATE SAMPLED:	01/21/94	01/21/94	01/25/94	01/24/94	01/20/94	01/26/94	02/02/94	01/21/94

ANALYTE	SW-846.3	CRDL								
Aluminum		100	492	997	157 J	128 J	27000 J	20500 J	1900	25600
Antimony		50	4.0 U	4.0 U	3.0 U	4.0 U	3.0 U	3.0 J	3.0 U	4.0 U
Arsenic		5	4.0 U	4.0 U	3.0 UJ	5.0 J	17.0	20.0 J	3.0 J	150
Barium		10	187 J	186 J	96.7 J	57.8 J	445	334	230	323
Beryllium		2	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Cadmium		5	0.20 U	0.20 U	0.20 U	1.3 J	0.70 J	0.60 J	0.20 U	1.4 J
Calcium		500	122000	124000	157000	36900	462000	393000	74800	331000
Chromium		10	10.0 U	10.0 U	10.0 U	10.0 U	42.8	33.4 J	11.3	32.3
Cobalt		10	20.0 U	20.0 U	20.0 U	20.0 U	32.4 J	33.8 J	20.0 U	20.0 U
Copper		10	10.0 U	10.0 U	10.0 U	25.1	40.0	51.9	10.0 U	12.7 J
Iron		100	6290	6420	6370	28700	68200	R	4680	82400
Lead		5	3.0	2.0 U	R	2.0 J	49.0	42.0 J	R	32.0
Magnesium		500	26600	25100	52600	28400	123000	110000	36700	94700
Manganese		10	314	300	362	213	5170	1860 J	183	1760
Mercury		0.2	0.40 U	0.40 U	0.40 UJ	0.40 U	0.40 UJ	0.40 U	0.40 UJ	0.40
Nickel		40	30.0 U	30.0 U	30.0 U	30.0 U	94.8	39.1 J	30.0 U	55.1
Potassium		5000	15500	23300	6700	7910	5950	10600 J	9370	6510
Selenium		5	3.0 UJ	3.0 UJ	R	3.0 UJ	3.0 U	7.0 J	R	3.0 UJ
Silver		10	10.0 U	10.0 U	R	10.0 U	10.0 UJ	R	R	10.0 U
Sodium		5000	31300	33900	34700	704000	68400	114000	1300000	19000
Thallium		5	4.0 U	4.0 U	4.0 UJ	4.0 U	3.0 UJ	4.0 UJ	4.0 UJ	4.0 U
Vanadium		10	20.0 U	20.0 U	20.0 U	20.0 U	56.4	45.5 J	20.0 U	27.9 J
Zinc		20	22.9	11.1 J	10.0 U	73.0	178	R	23.3	103
Cyanide		10	10.0 U	10.0 U	10.0 UJ	14.2	10.0 UJ	16.6	11.8 J	10.0 U

Associated Method Blank:	PB10W	PB10W	PB13W	PB10W	PB9W	PB11W	PB13W	PB10W
Associated Equipment Blank:	01QSX13XXXX1XX	01QSX13XXXX1XX	01QSX19XXXX1XX	01QSX15XXXX1XX	01QSX13XXXX1XX	01QSX17XXXX1XX	01QSX19XXXX1XX	01QSX13XXXX1XX
Associated Field Blank:	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	BR-101	BR-102	BR-103	BR-104	BR-105D	BR-105D	BR-105	BR-106
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01BR101XXXX1XX	01BR102XXXX1XX	01BR103XXXX1XX	01BR104XXXX1XX	01BR105XXDX1DX	01BR105XXDX1XX	01BR105XXXX1XX	01BR106XXXX1XX
LAB NUMBER:	6137	6132	5645	5960	6270	6266	6134	6259
DATE SAMPLED:	02/01/94	01/27/94	01/20/94	01/26/94	02/04/94	02/04/94	01/27/94	02/02/94

ANALYTE	SW-846.3	CRDL																
Aluminum		100	329		267		344	J	1400	J	497		690		245		614	
Antimony		50	3.0	U	3.0	U	3.0	U	3.0	J	3.0	U	4.0	J	3.0	U	3.0	U
Arsenic		5	12.0		4.0	U	3.0	U	4.0	UJ	42.0	J	28.0	J	4.0	U	3.0	UJ
Barium		10	1070		363		65.5	J	197	J	228		232		158		533	
Beryllium		2	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U
Cadmium		5	2.0		0.20	U	0.20	J	0.20	U	0.40	J	0.50	J	0.20	U	0.20	U
Calcium		500		R	177000		146000		177000		2200000		2180000			R	193000	
Chromium		10	10.0	U	10.0	U	10.0	U	10.0	UJ	10.0	U	10.0		10.0	U	10.0	U
Cobalt		10	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U
Copper		10	147		10.0	U	10.0	U	12.4	J	306		254		10.0	U	10.0	U
Iron		100	10400		8770		1570			R	702		742		857		1750	
Lead		5		R		R	2.0	J	3.0	J		R		R		R		R
Magnesium		500		R	51000		44200		35500		400000		375000			R	54000	
Manganese		10	178		273		214		617	J	30.2		36.9		183		158	
Mercury		0.2	0.40	U	1.6		0.40	UJ	0.40	U	0.40	UJ	0.40	UJ	0.40	U	0.40	UJ
Nickel		40	30.0	U	30.0	U	30.0	U	30.0	U	30.0	U	30.0	U	30.0	U	30.0	U
Potassium		5000	14300		18600		6890		17400	J	205000		210000		9090		13300	
Selenium		5	3.0	UJ	3.0	UJ	3.0	U	3.0	UJ		R		R	3.0	UJ		R
Silver		10		R		R	10.0	UJ		R		R		R		R		R
Sodium		5000	408000		371000		233000		196000		14800000		14300000		396000		348000	
Thallium		5		R		R	3.0	UJ	4.0	UJ	4.0	UJ	4.0	UJ		R	4.0	UJ
Vanadium		10	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U
Zinc		20	10.0	U	24.0		10.0	U	10.0	U	42.7		36.0		14.9		10.0	U
Cyanide		10	69.6		10.0	U	10.0	UJ	73.2		20.2	J	10.0	UJ	20.2		10.0	UJ

Associated Method Blank:		PB12W	PB12W	PB9W	PB11W	PB13W	PB13W	PB12W	PB13W
Associated Equipment Blank:	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX13XXXX1XX	01QSX17XXXX1XX	01QSX19XXXX1XX	01QSX19XXXX1XX	01QSX18XXXX1XX	01QSX19XXXX1XX	01QSX19XXXX1XX
Associated Field Blank:	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX

Site: Olin Rochester Phase I RI/FS

Table 1
Laboratory Report of Analysis

LOCATION:	B-11	B-14	B-15	B-16	B-17	B-8	B-8	B-9
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01PZB11XXXX1XX	01PZB14XXXX1XX	01PZB15XXXX1XX	01PZB16XXXX1XX	01PZB17XXXX1XX	01PZXB8XXXX1DX	01PZXB8XXXX1XX	01PZXB9XXXX1XX
LAB NUMBER:	6120	5963	6121	5964	5965	5966	5967	6124
DATE SAMPLED:	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94

ANALYTE	SW-846.3	CRDL															
Aluminum	100	419000	230000	*	6900	32600	*	204	*	52700	*	123000	*	35700			
Antimony	50	6.0	3.0	BN	3.0	3.0	UN	3.0	UN	4.0	BN	4.0	BN	3.0			
Arsenic	5	920	70.0	*	35.0	90.0	*	24.0	*	38.0	*	58.0	*	75.0			
Barium	10	8610	2260		240	470		31.0	B	854		1520		1190			
Beryllium	2	28.8	10.1		3.0	3.0	U	3.0	U	3.0	U	3.8	B	3.0			
Cadmium	5	70.0	8.0	B	0.70	0.80	B	0.20	B	6.0	B	10.0	B	1.0			
Calcium	500	2310000	E	2220000	E	109000	E	238000	E	5320	E	511000	E	1030000	E	387000	E
Chromium	10	2340	428	*	13.8	50.0	*	10.0	U*	98.6	*	222	*	52.4			
Cobalt	10	393	207		20.0	29.4	B	20.0	U	124		190		20.8			
Copper	10	3550	536		20.4	74.3		17.2	B	186		428		62.7			
Iron	100	972000	513000	N*	20800	53600	N*	395	N*	117000	N*	263000	N*	51200			
Lead	5	2500	640	N*	13.0	37.0	N*	2.0	BN*	550	N*	910	N*	62.0	N		
Magnesium	500	535000	496000	E	19800	57500	E	3240	BE	156000	E	301000	E	59400			
Manganese	10	37200	37300	*	1340	3030	*	64.9	*	5500	*	11000	*	2290			
Mercury	0.2	16.3	13.2		0.40	0.40	U	0.40	U	1.2		3.2		0.40	U		
Nickel	40	1760	612		33.5	97.4		30.0	U	118		261		62.9			
Potassium	5000	43700	41900	*	13500	19000	*	23400	*	22800	*	31800	*	23800			
Selenium	5	3.0	3.0	UN	3.0	3.0	UN	4.0	BN	3.0	UN	3.0	UN	3.0	UN		
Silver	10	17.0	10.0	UN	0.50	10.0	UN	10.0	UN	10.0	UN	11.5	N	10.0	N		
Sodium	5000	694000	187000	*	322000	2190000	*	2290000	*	634000	*	689000	*	1120000			
Thallium	5	3.0	4.0	UN	3.0	4.0	UN	4.0	UN	4.0	UN	4.0	UN	3.0	UN		
Vanadium	10	3370	685	*	28.2	126	*	99.0	*	154	*	324	*	150			
Zinc	20	22100	1710	N	169	202	N	35.2	N	927	N	1890	N	269			
Cyanide	10	13.0	19.0		20.2	184		10.0	U	10.0	U	14.2		14.2			

Associated Method Blank:	PB12W	PB11W	PB12W	PB11W	PB11W	PB11W	PB11W	PB11W	PB12W
Associated Equipment Blank:	01QSX18XXXX1XX	01QSX17XXXX1XX	01QSX18XXXX1XX	01QSX17XXXX1XX	01QSX17XXXX1XX	01QSX17XXXX1XX	01QSX17XXXX1XX	01QSX17XXXX1XX	01QSX18XXXX1XX
Associated Field Blank:	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	PZ-102	PZ-103	PZ-104	PZ-105	PZ-106	PZ-107	PZ-108	B-10
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01PZ102XXXX1XX	01PZ103XXXX1XX	01PZ104XXXX1XX	01PZ105XXXX1XX	01PZ106XXXX1XX	01PZ107XXXX1XX	01PZ108XXXX1XX	01PZB10XXXX1XX
LAB NUMBER:	6264	6138	6139	5751	5753	6131	5752	6119
DATE SAMPLED:	02/03/94	02/01/94	02/01/94	01/24/94	01/24/94	01/27/94	01/24/94	01/26/94

ANALYTE	SW-846.3	CRDL								
Aluminum		100	336	171	574	4100	6470	452	2030	85300
Antimony		50	3.0 U	3.0 U	3.0 U	4.0 U	8.0 U	3.0 U	4.0 U	3.0 U
Arsenic		5	5.0 B*	18.0	4.0 U	33.0	38.0	76.0	4.0 B	47.0
Barium		10	491	603	139	437	95.3 B	104	84.9 B	1730
Beryllium		2	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Cadmium		5	0.20 U	0.20	0.30	0.60 B	1.3 B	2.6	1.5 B	7.0
Calcium		500	120000	87100 E	126000 E	35000	97500	4080 E	136000	881000 E
Chromium		10	10.0 U	11.0	10.0 U	11.9	18.8	18.0	10.0 U	116
Cobalt		10	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	83.2
Copper		10	10.0 U*	10.0 U	10.0 U	10.0 U	10.3 B	16.0	10.0 U	253
Iron		100	846	184	1190	3960	2850	1050	12800	170000
Lead		5	2.0 UN	3.0 N	2.0 N	6.0	24.0	8.0 N	2.0 B	270 N
Magnesium		500	57200	73900	40000	12100	49100	1320	36200	199000
Manganese		10	89.1	50.0	160	112	101	12.0	17000	8940
Mercury		0.2	0.40 UN	0.40 U	0.40 U	0.40 U	0.40 U	1.4	0.40 U	0.40
Nickel		40	30.0 U	30.0 U	30.0 U	30.0 U	106	30.0 U	127	175
Potassium		5000	10100	15300	9770	17500	25200	5390	1340 B	12800
Selenium		5	3.0 UN	3.0 UN	3.0 UN	3.0 UN	6.0 UN	3.0 UN	3.0 UN	3.0 UN
Silver		10	10.0 UN	0.50 UN	0.50 UN	10.0 U	10.0 U	0.50 UN	10.0 U	2.4 N
Sodium		5000	1210000	1820000	292000	2440000	2220000	1540000	23200	401000
Thallium		5	4.0 UN	3.0 UN	3.0 UN	4.0 U	4.0 U	3.0 UN	4.0 U	3.0 UN
Vanadium		10	20.0 U	20.0 U	20.0 U	54.3	194	195	20.0 U	222
Zinc		20	10.0 U	13.1	36.6	24.7	36.9	22.0	19.9 B	724
Cyanide		10	17.8	48.0	29.8	38.2	10.0 U	15.4	10.0 U	10.0 U

Associated Method Blank:	PB13W	PB12W	PB12W	PB10W	PB10W	PB12W	PB10W	PB12W	PB10W	PB12W
Associated Equipment Blank:	01QSX19XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX15XXXX1XX	01QSX15XXXX1XX	01QSX18XXXX1XX	01QSX15XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX
Associated Field Blank:	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	W-1	W-2	W-3	W-4	W-5	MW-2	MW-3	PZ-101
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01MXXW1XXXX1XX	01MXXW2XXXX1XX	01MXXW3XXXX1XX	01MXXW4XXXX1XX	01MXXW5XXXX1XX	01MXX2XXXX1XX	01MXX3XXXX1XX	01PZ101XXXX1XX
LAB NUMBER:	A4020901	A4021704	A4020903	A4021705	A4021706	5641	5640	5750
DATE SAMPLED:	01/18/94	01/20/94	01/18/94	01/20/94	01/20/94	01/19/94	01/19/94	01/24/94

ANALYTE	SW-846.3	CRDL	W-1	W-2	W-3	W-4	W-5	MW-2	MW-3	PZ-101
Aluminum	100		1110 *	214 *	90.0 U*	5230 *	5610 *	3490 *	20600 *	1470
Antimony	50		4.0 B	4.0 B	3.0 U	6.0 B	3.0 U	3.0 U	3.0 U	4.0 U
Arsenic	5		7.0 B	3.0 B	47.0	210	21.0	7.0 B	84.0	4.0 U
Barium	10		467	256	538	758	1590	312	896	344
Beryllium	2		3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Cadmium	5		21.0 B	30.0 B	0.20 B	60.0 B	13.0 B	0.50 B	1.2 B	1.2 B
Calcium	500		173000	189000	294000	1340000	628000	222000	406000	240000
Chromium	10		69.7 *	24.7 *	10.0 U*	313 *	37.8 *	10.0 U*	33.0 *	10.0 U
Cobalt	10		20.0 U	20.0 U	20.0 U	21.3 B	20.0 U	20.0 U	30.0 B	20.0 U
Copper	10		202	105	123	457	201	10.0 U	103	10.0 U
Iron	100		46900	9340	4080	73200	85800	31500	77100	3040
Lead	5		26.0	14.0	3.0	200	24.0	6.0	87.0	2.0 B
Magnesium	500		39300	51300	81200	84900	83000	59100	79100	87300
Manganese	10		1620	1160	278	2130	1970	1420	2410	1030
Mercury	0.2		0.40 NU	0.40 NU	0.40 NU	0.40 NU	0.40 NU	0.40 UN	0.40 UN	0.40 U
Nickel	40		37.4 B	30.0 U	30.0 U	183	52.2	30.0 U	63.4	30.0 U
Potassium	5000		7570	5510	3720 B	9630	22400	6370	8280	6440
Selenium	5		3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 UN
Silver	10		10.0 NU	10.0 NU	10.0 NU	10.0 NU	10.0 NU	10.0 UN	10.0 UN	10.0 U
Sodium	5000		167000 N	223000 N	662000 N	605000 N	1660000 N	121000 N	103000 N	729000
Thallium	5		3.0 NU	3.0 NU	3.0 NU	3.0 NU	3.0 NU	3.0 UN	3.0 UN	4.0 U
Vanadium	10		20.0 U	20.0 U	20.0 U	41.3 B	29.4 B	40.6 B	44.5 B	20.0 U
Zinc	20		466	952	17.4 B	2300	570	27.1	666	17.8 B
Cyanide	10		10.0 NU	10.0 NU	10.0 NU	10.0 NU	11.8 N	81.6 N	20.2 N	10.0 U

Associated Method Blank:	PB9W	PB9W	PB9W	PB9W	PB9W	PB9W	PB9W	PB9W	PB10W
Associated Equipment Blank:	01QSX12XXXX1XX	01QSX13XXXX1XX	01QSX12XXXX1XX	01QSX13XXXX1XX	01QSX13XXXX1XX	01QSX12XXXX1XX	01QSX12XXXX1XX	01QSX12XXXX1XX	01QSX15XXXX1XX
Associated Field Blank:	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	N-1	N-2	N-3	S-1	S-2	S-3	S-4	W-1
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01MwxN1XXXX1XX	01MwxN2XXXX1XX	01MwxN3XXXX1XX	01MwxS1XXXX1XX	01MwxS2XXXX1XX	01MwxS3XXXX1XX	01MwxS4XXXX1XX	01MwxW1XXXX1DX
LAB NUMBER:	5741	5736	5951	5737	A4021703	A4020904	5735	A4020901FD
DATE SAMPLED:	01/24/94	01/21/94	01/25/94	01/20/94	01/20/94	01/19/94	01/21/94	01/18/94

ANALYTE	SW-846.3	CRDL									
Aluminum	100	8660	11900	7000 *	1840	139 B*	268 *	3590	1050 *		
Antimony	50	4.0 U	4.0 U	3.0 UN	4.0 U	3.0 U	3.0 U	4.0 U	7.0 B		
Arsenic	5	4.0 U	8.0 B	6.0 B*	83.0	74.0	41.0	630	6.0 B		
Barium	10	140 B	416	217	893	184 B	540	1790	477		
Beryllium	2	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U		
Cadmium	5	0.20 B	0.50 B	1.8 B	23.0 B	0.60 B	0.50 B	3.1 B	23.0 B		
Calcium	500	237000	238000	202000 E	376000	94800	136000	225000	177000		
Chromium	10	10.2	16.4	14.2 *	29.7	10.0 U*	11.6 *	35.7	51.9 *		
Cobalt	10	20.0 U	20.0 U	20.0 U	33.3 B	20.0 U	20.0 U	20.0 U	20.0 U		
Copper	10	10.0 U	46.3	70.8	63.1	10.0 U	226	52.6	206		
Iron	100	22400	38900	169000 N*	238000	2970	18100	362000	44700		
Lead	5	31.0	17.0	34.0 N*	20.0	2.0 B	9.0	19.0	25.0		
Magnesium	500	51000	59800	38500 E	49700	30400	12600	31200	40700		
Manganese	10	6800	4090	462 *	16700	771	5610	9410	1690		
Mercury	0.2	0.40 U	0.53	0.40 U	0.40 U	0.40 NU	0.40 NU	0.40	0.40 NU		
Nickel	40	65.8	57.8	30.0 U	130	30.0 U	60.7	33.4 B	47.4		
Potassium	5000	5250	7460	4130 B*	5870	15000	8480	7480	7900		
Selenium	5	3.0 UN	3.0 UN	3.0 UN	3.0 UN	3.0 U	3.0 U	3.0 UN	3.0 U		
Silver	10	10.0 U	10.0 U	10.0 UN	10.0 U	10.0 NU	10.0 NU	10.0 U	10.0 NU		
Sodium	5000	40400	34800	11000 *	85900	1140000 N	495000 N	542000	171000 N		
Thallium	5	4.0 U	4.0 U	4.0 UN	4.0 U	3.0 NU	3.0 NU	4.0 U	3.0 NU		
Vanadium	10	20.0 U	20.9 B	27.8 B*	31.3 B	43.1 B	20.0 U	390	20.0 U		
Zinc	20	37.1	81.7	64.5 N	536	10.2 B	1590	145	492		
Cyanide	10	10.0 U	10.0 U	10.0 U	14.2	28.6 N	10.0 NU	10.0 U	10.0 NU		

Associated Method Blank:	PB10W	PB10W	PB11W	PB10W	PB9W	PB9W	PB10W	PB9W
Associated Equipment Blank:	01QsX15XXXX1XX	01QsX13XXXX1XX	01QsX16XXXX1XX	01QsX13XXXX1XX	01QsX13XXXX1XX	01QsX12XXXX1XX	01QsX13XXXX1XX	01QsX12XXXX1XX
Associated Field Blank:	01QdXx3XXXX1XX	01QdXx3XXXX1XX	01QdXx3XXXX1XX	01QdXx3XXXX1XX	01QdXx3XXXX1XX	01QdXx3XXXX1XX	01QdXx3XXXX1XX	01QdXx3XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	C-5	E-2	E-3	EC-1	MW-G6	MW-G8	MW-G9	N-1
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01MWC5XXXX1XX	01MWXE2XXXX1XX	01MWXE3XXXX1XX	01MWXECXX1X1XX	01MWXG6XXXX1XX	01MWXG8XXXX1XX	01MWXG9XXXX1XX	01MWXN1XXXX1DX
LAB NUMBER:	5953	5749	5950	5745	A4020911	A4020910	A4020902	5742
DATE SAMPLED:	01/25/94	01/24/94	01/25/94	01/24/94	01/19/94	01/19/94	01/18/94	01/24/94

ANALYTE	SW-846.3	CRDL															
Aluminum	100	1150	*	25200		2070	*	358		255000	*	35400	*	8440	*	8600	
Antimony	50	3.0	UN	4.0	U	3.0	UN	4.0	U	3.0	U	3.0	B	3.0	U	4.0	U
Arsenic	5	820	*	11.0		4.0	U*	4.0	U	103		25.0		10.0		4.0	U
Barium	10	77.3	B	300		115	B	33.2	B	3130		862		489		144	B
Beryllium	2	3.0	U	3.0	U	3.0	U	3.0	U	10.8		3.0	U	3.0	U	3.0	U
Cadmium	5	0.30	B	1.1	B	0.30	B	0.30	B	19.0	B	30.0	B	0.70	B	0.20	B
Calcium	500	27900	E	323000		170000	E	267000		3500000		668000		307000		227000	
Chromium	10	23.3	*	36.0		10.0	U*	10.0	U	517	*	102	*	17.7	*	10.1	
Cobalt	10	20.0	U	20.0	U	20.0	U	20.0	U	233		42.0	B	20.0	U	20.0	U
Copper	10	10.0	U	39.4		11.3	B	12.1	B	665		282		13.1	B	10.3	B
Iron	100	7370	N*	96100		10500	N*	2140		776000		81000		19700		21700	
Lead	5	14.0	N*	61.0		170	N*	2.0	U	280		290		16.0		30.0	
Magnesium	500	9090	E	85400		34800	E	63700		738000		103000		34200		48900	
Manganese	10	90.0	*	2060		332	*	595		22000		3760		1450		6550	
Mercury	0.2	0.40	U	0.93		0.49		0.40	U	1.3	N	0.40	NU	0.40	NU	0.85	
Nickel	40	58.8		72.1		30.0	U	30.0	U	599		148		30.0	U	65.3	
Potassium	5000	14000	*	6290		3890	B*	1810	B	30600		10300		2670	B	4810	B
Selenium	5	3.0	BN	3.0	UN	3.0	UN	3.0	UN	3.0	U	3.0	U	3.0	U	3.0	UN
Silver	10	10.0	UN	10.0	U	10.0	UN	10.0	U	13.4	N	14.8	N	10.0	NU	10.0	U
Sodium	5000	1660000	*	266000		91700	*	9890		36500	N	53700	N	9490	N	40600	
Thallium	5	4.0	UN	4.0	U	4.0	UN	4.0	U	3.0	NU	3.0	NU	3.0	NU	4.0	U
Vanadium	10	262	*	44.1	B	20.0	U*	20.0	U	20.0	U	82.8		26.5	B	20.0	U
Zinc	20	38.8	N	152		18.5	BN	10.0	U	1890		1980		38.9		40.7	
Cyanide	10	43.2		10.0	U	10.0	U	10.0	U	10.0	NU	10.0	NU	10.0	NU	10.0	U

Associated Method Blank:	PB11W	PB10W	PB11W	PB10W	PB9W	PB9W	PB9W	PB10W
Associated Equipment Blank:	01qSX16XXXX1XX	01qSX15XXXX1XX	01qSX16XXXX1XX	01qSX15XXXX1XX	01qSX12XXXX1XX	01qSX12XXXX1XX	01qSX12XXXX1XX	01qSX15XXXX1XX
Associated Field Blank:	01qDXX3XXXX1XX	01qDXX3XXXX1XX	01qDXX3XXXX1XX	01qDXX3XXXX1XX	01qDXX3XXXX1XX	01qDXX3XXXX1XX	01qDXX3XXXX1XX	01qDXX3XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	BR-5A	BR-6	BR-7A	C-1	C-2A	C-3	C-4	C-5
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01BRXX5XXXX1XX	01BRXX6XXXX1XX	01BRXX7XXXX1XX	01MWC1XXXX1XX	01MWC2XXAX1XX	01MWC3XXXX1XX	01MWC4XXXX1XX	01MWC5XXXX1DX
LAB NUMBER:	A4020905	5958	A4020906	5949	5957	5959	5952	5956
DATE SAMPLED:	01/19/94	01/25/94	01/19/94	01/25/94	01/25/94	01/25/94	01/25/94	01/25/94

ANALYTE	SW-846.3	CRDL										
Aluminum	100	6880 *	195 B*	124 B*	20200 *	937 *	9030 *	90.0 U*	1820 *			
Antimony	50	3.0 U	3.0 UN	3.0 U	5.0 BN	3.0 UN	3.0 UN	3.0 UN	4.0 BN			
Arsenic	5	8.0 B	130 *	4.0 B	9.0 B*	26.0 *	7.0 B*	4.0 U*	260 *			
Barium	10	445	76.0 B	365	317	31.1 B	188 B	93.1 B	81.4 B			
Beryllium	2	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U			
Cadmium	5	0.20 B	0.20 B	0.20 U	2.9 B	14.0 B	0.40 B	0.20 U	0.30 B			
Calcium	500	326000	17000 E	141000	242000 E	15600 E	160000 E	83700 E	23300 E			
Chromium	10	10.0 U*	10.0 U*	10.0 U*	34.8 *	10.0 U*	16.1 *	10.0 U*	33.4 *			
Cobalt	10	20.0 U	20.0 U	20.0 U	28.5 B	20.0 U	20.0 U	20.0 U	20.0 U			
Copper	10	32.8	33.3	38.3	90.1	50.3	32.3	10.0 U	10.4 B			
Iron	100	57300	7810 N*	595	159000 N*	1670 N*	31600 N*	1660 N*	22400 N*			
Lead	5	4.0	7.0 N*	14.0	14.0 N*	37.0 N*	16.0 N*	5.0 N*	7.0 N*			
Magnesium	500	78000	8050 E	46800	40100 E	4560 BE	32300 E	10200 E	5420 E			
Manganese	10	2080	65.4 *	150	5990 *	156 *	2130 *	1220 *	217 *			
Mercury	0.2	0.40 N	0.41	0.40 NU	3.5	0.57	0.40 U	0.40 U	0.61			
Nickel	40	30.0 U	30.0 U	30.0 U	98.7	30.0 U	51.0	30.0 U	45.7			
Potassium	5000	7070	11600 *	9890	7540 *	1190 B*	7650 *	500 U*	7680 *			
Selenium	5	3.0 U	3.0 UN	3.0 U	3.0 UN	3.0 UN	3.0 UN	3.0 UN	3.0 BN			
Silver	10	10.0 NU	10.0 UN	10.0 NU	10.0 UN	10.0 UN	10.0 UN	10.0 UN	10.0 UN			
Sodium	5000	302000 N	1430000 *	857000 N	351000 *	423000 *	21800 *	102000 *	2000000 *			
Thallium	5	3.0 NU	4.0 UN	3.0 NU	4.0 UN	4.0 UN	4.0 UN	4.0 UN	4.0 UN			
Vanadium	10	68.9	6640 *	20.0 U	64.2 *	20.0 U*	20.0 U*	20.0 U*	339 *			
Zinc	20	40.1	250 N	17.9 B	165 N	29.5 N	96.3 N	10.0 UN	29.8 N			
Cyanide	10	10.0 NU	10.0 U	10.0 NU	10.0 U	10.0 U	10.0 U	10.0 U	16.6			

Associated Method Blank:	PB9W	PB11W	PB9W	PB11W	PB11W	PB11W	PB11W	PB11W	PB11W
Associated Equipment Blank:	01QSX12XXXX1XX	01QSX16XXXX1XX	01QSX12XXXX1XX	01QSX16XXXX1XX	01QSX16XXXX1XX	01QSX16XXXX1XX	01QSX16XXXX1XX	01QSX16XXXX1XX	01QSX16XXXX1XX
Associated Field Blank:	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	BR-1	BR-2D	BR-2	BR-3D	BR-3D	BR-3	BR-4	BR-5A
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01BRXX1XXXX1XX	01BRXX2XXDX1XX	01BRXX2XXXX1XX	01BRXX3XXDX1DX	01BRXX3XXDX1XX	01BRXX3XXXX1XX	01BRXX4XXXX1XX	01BRXX5XXXX1DX
LAB NUMBER:	A4021702	5961	A4020907	6125	6126	6133	6261	A4020905FD
DATE SAMPLED:	01/20/94	01/26/94	01/19/94	01/26/94	01/26/94	01/27/94	02/02/94	01/19/94

ANALYTE	SW-846.3	CRDL	BR-1		BR-2D		BR-2		BR-3D		BR-3D		BR-3		BR-4		BR-5A	
Aluminum	100		91.5	B*	1840	*	90.0	U*	403		384		1070		90.0	U	3070	*
Antimony	50		3.0	U	7.0	BN	3.0	U	3.0	U	3.0	U	4.0		3.0	U	3.0	U
Arsenic	5		3.0	U	7.0	B*	9.0	B	7.0		10.0		71.0		3.0	B*	6.0	B
Barium	10		52.6	B	210		204		30.0	U	30.0	U	45.1		239		345	
Beryllium	2		3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U
Cadmium	5		0.20	U	1.7	B	0.20	U	0.30		0.30		0.60		0.20	U	0.40	B
Calcium	500	106000			821000	E	149000		520000	E	499000	E	24100	E	93600		270000	
Chromium	10		10.0	U*	44.1	*	10.0	U*	76.5		98.6		10.5		10.0	U	10.0	U*
Cobalt	10		20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U
Copper	10		10.0	U	55.2		10.0	U	60.8		82.6		23.2		26.0	*	16.3	B
Iron	100		2020		9520	N*	123		290000		302000		40200		18700		20600	
Lead	5		2.0	U	8.0	N*	2.0	U	3.0	N	3.0	N	4.0	N	2.0	UN	4.0	
Magnesium	500	31500			27100	E	44100		148000		141000		9800		13000		55100	
Manganese	10		73.6		130	*	68.9		2080		2240		178		165		1650	
Mercury	0.2		0.40	NU	0.40	U	0.40	NU	0.46		0.59		0.72		0.40	UN	0.40	NU
Nickel	40		30.0	U	36.0	B	30.0	U	30.0	U	30.0	U	34.0		30.0	U	30.0	U
Potassium	5000	2510	B		110000	*	13200		53100		54600		36200		55000		6270	
Selenium	5		3.0	U	3.0	UN	3.0	U	3.0	UN	3.0	UN	3.0	UN	3.0	UN	3.0	U
Silver	10		10.0	NU	10.0	UN	10.0	NU	1.0	N	0.90	N	0.90	N	10.0	UN	10.0	NU
Sodium	5000	50300	N		2090000	*	408000	N	2100000		2170000		3670000		279000		319000	N
Thallium	5		3.0	NU	4.0	UN	3.0	NU	3.0	UN	3.0	UN	3.0	UN	4.0	UN	3.0	NU
Vanadium	10		20.0	U	20.0	U*	20.0	U	20.0	U	20.0	U	88.9		20.0	U	21.4	B
Zinc	20		21.5		598	N	10.0	U	1340		1580		49.2		34.0		19.5	B
Cyanide	10		10.0	NU	37.0		20.2	N	10.0	U	10.0	U	60.0		10.0	U	10.0	NU

Associated Method Blank:	PB9W	PB11W	PB9W	PB12W	PB12W	PB12W	PB12W	PB13W	PB9W
Associated Equipment Blank:	01QSX13XXXX1XX	01QSX17XXXX1XX	01QSX12XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX19XXXX1XX	01QSX12XXXX1XX
Associated Field Blank:	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

ABB Environmental Services, Inc.

INORGANICS ANALYTICAL DATA
GROUNDWATER

Table 2
Validation / Summary Table

LOCATION:	T-138	T-145	T-147	T-150	T-157	T-159	T-159
DEPTH:	-	-	-	-	-	-	-
ISIS ID:	01TW138010X1XX	01TW145017X1XX	01TW147017X1XX	01TW150017X1XX	01TW157015X1XX	01TW159013X1DX	01TW159013X1XX
LAB NUMBER:	AS049912	AS051655	AS051654	AS051485	AS052564	AS052565	AS052566
DATE SAMPLED:	11/08/93	11/30/93	11/30/93	11/29/93	12/02/93	12/01/93	12/01/93
DATE EXTRACTED:	11/15/93	12/06/93	12/06/93	12/02/93	12/13/93	12/13/93	12/13/93
DATE ANALYZED:	11/16/93	12/08/93	12/08/93	12/06/93	12/14/93	12/14/93	12/14/93

ANALYTE	SW-846.4	CRQL							
Indeno(1,2,3-c,d)Pyrene	1.9	2 UJ	1 U	1 U	1 U	3 U	2 U	2 U	
Dibenz(a,h)Anthracene	2.1	3 UJ	1 U	1 U	2 U	3 U	3 U	2 U	
Benzo(g,h,i)perylene	2.6	3 UJ	0.7 J	1 J	2 U	4 U	3 U	3 U	
3-Chloropyridine	10	120 J	7 U	7 U	8 U	14 U	100	120	
4-Chloropyridine	10	12 UJ	7 U	7 U	8 U	14 U	12 U	2 J	
p-Fluoroaniline	20	7 J	7 U	7 U	8 U	14 U	12 U	11 U	
2,6-Dichloropyridine	10	100 J	1 J	0.5 J	3 J	14 U	320	440	
2-Chloropyridine	10	3500 J	16	5 J	31	14 U	1700	1900	
Pyridine	10	260 J	7 U	4 J	2 J	14 U	12 U	0.6 J	

Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	400	750	760	640	350	400	450	

Associated Method Blank:	16378Z	16717Z	16717Z	16675Z	16785Z	16785Z	16785Z
Associated Equipment Blank:	01QSXX6XXXX1XX	01QSX10XXXX1XX	01QSX10XXXX1XX	01QSX10XXXX1XX	01QSX10XXXX1XX	01QSX10XXXX1XX	01QSX10XXXX1XX
Associated Field Blank:	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	T-138	T-145	T-147	T-150	T-157	T-159	T-159
DEPTH:	-	-	-	-	-	-	-
ISIS ID:	01TW138010X1XX	01TW145017X1XX	01TW147017X1XX	01TW150017X1XX	01TW157015X1XX	01TW159013X1DX	01TW159013X1XX
LAB NUMBER:	AS049912	AS051655	AS051654	AS051485	AS052564	AS052565	AS052566
DATE SAMPLED:	11/08/93	11/30/93	11/30/93	11/29/93	12/02/93	12/01/93	12/01/93
DATE EXTRACTED:	11/15/93	12/06/93	12/06/93	12/02/93	12/13/93	12/13/93	12/13/93
DATE ANALYZED:	11/16/93	12/08/93	12/08/93	12/06/93	12/14/93	12/14/93	12/14/93

ANALYTE	SW-846.4	CRQL	T-138	T-145	T-147	T-150	T-157	T-159	T-159
2,6-Dinitrotoluene	2		2 UJ	1 U	1 U	2 U	3 U	2 U	2 U
3-Nitroaniline	1.3		2 UJ	0.9 U	0.9 U	1 U	2 U	2 U	1 U
Acenaphthene	2.9		4 UJ	0.9 J	2 U	2 U	4 U	4 U	6
2,4-Dinitrophenol	11		14 UJ	7 U	7 U	9 U	16 U	14 U	12 U
4-Nitrophenol	8.7		11 UJ	6 U	6 U	7 U	12 U	11 U	10 U
Dibenzofuran	2		2 UJ	1 U	1 U	2 U	3 U	2 U	2 U
2,4-Dinitrotoluene	2.2		3 UJ	1 U	1 U	2 U	3 U	3 U	4
Diethylphthalate	3.9		5 UJ	3 U	3 U	3 U	6 U	5 U	4 U
4-Chlorophenyl-phenylether	2.3		3 UJ	2 U	2 U	2 U	3 U	3 U	3 U
Fluorene	2.7		3 UJ	2 U	2 U	2 U	4 U	3 U	3 U
4-Nitroaniline	2.4		3 UJ	2 U	2 U	2 U	3 U	3 U	3 U
4,6-Dinitro-2-methylphenol	19		24 UJ	13 U	12 U	15 U	27 U	24 U	21 U
N-Nitrosodiphenylamine	2.1		3 UJ	1 U	1 U	2 U	3 U	3 U	2 U
4-Bromophenyl-phenylether	2.5		3 UJ	2 U	2 U	2 U	4 U	3 U	3 U
Hexachlorobenzene	2.4		3 UJ	2 U	2 U	2 U	3 U	3 U	3 U
Pentachlorophenol	18		22 UJ	12 U	12 U	14 U	26 U	22 U	20 U
Phenanthrene	2.9		4 UJ	2	2 U	2 U	4 U	4 U	3 U
Anthracene	2.6		3 UJ	2 U	2 U	2 U	4 U	3 U	3 U
Di-n-butylphthalate	2.4		3 UJ	2 U	2 U	2 U	3 U	3 U	3 U
Fluoranthene	2.6		3 UJ	4	2	2 U	4 U	3 U	2 J
Pyrene	3		4 UJ	3	2	2 U	4 U	4 UJ	7 J
Butylbenzylphthalate	6		8 UJ	4 U	4 U	5 U	9 U	8 U	7 U
3,3'-Dichlorobenzidine	2.5		3 UJ	2 U	2 U	2 U	4 U	3 U	3 U
Benzo(a)Anthracene	3.3		4 UJ	2 U	2 U	3 U	5 U	4 U	4 U
Chrysene	2		2 UJ	1 U	1 U	2 U	3 U	2 U	2 U
bis(2-Ethylhexyl)phthalate	2.8		4 UJ	4 U	4 U	2 U	4 U	8 U	13 U
Di-n-octylphthalate	2.8		4 UJ	2 U	2 U	2 U	4 U	4 U	3 U
Benzo(b)Fluoranthene	3.9		5 UJ	2 J	3	3 U	6 U	5 U	1 J
Benzo(k)Fluoranthene	2.8		5 UJ	0.8 J	1 J	3 U	6 U	5 U	5 U
Benzo(a)Pyrene	1.9		2 UJ	1 U	1 U	1 U	3 U	2 U	2 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

	LOCATION:	T-138	T-145	T-147	T-150	T-157	T-159	T-159
	DEPTH:	-	-	-	-	-	-	-
	ISIS ID:	01TW138010X1XX	01TW145017X1XX	01TW147017X1XX	01TW150017X1XX	01TW157015X1XX	01TW159013X1DX	01TW159013X1XX
	LAB NUMBER:	AS049912	AS051655	AS051654	AS051485	AS052564	AS052565	AS052566
	DATE SAMPLED:	11/08/93	11/30/93	11/30/93	11/29/93	12/02/93	12/01/93	12/01/93
	DATE EXTRACTED:	11/15/93	12/06/93	12/06/93	12/02/93	12/13/93	12/13/93	12/13/93
	DATE ANALYZED:	11/16/93	12/08/93	12/08/93	12/06/93	12/14/93	12/14/93	12/14/93
ANALYTE	SW-846.4	CRQL						
Phenol	4	100 J	4 U	4 U	5 U	9 U	8 U	7 U
bis(2-Chloroethyl)ether	2.6	40 J	2 U	2 U	2 U	4 U	4	4
2-Chlorophenol	9	11 UJ	6 U	6 U	7 U	13 U	11 U	10 U
1,3-Dichlorobenzene	4.2	5 UJ	3 U	3 U	3 U	6 U	5 U	5 U
1,4-Dichlorobenzene	3.9	5 UJ	3 U	3 U	3 U	6 U	5 U	4 U
Benzyl Alcohol	4.5	6 UJ	3 U	3 U	4 U	6 U	6 U	5 U
2-Methylphenol	9	11 UJ	6 U	6 U	7 U	13 U	11 U	10 U
bis(2-Chloroisopropyl)ether	2.6	3 UJ	2 U	2 U	2 U	4 U	3 U	3 U
4-Methylphenol	7.5	9 UJ	5 U	5 U	6 U	11 U	9 U	8 U
N-Nitroso-di-n-propylamine	2.1	3 UJ	1 U	1 U	2 U	3 U	3 U	2 U
Hexachloroethane	4.8	6 UJ	3 U	3 U	4 U	7 U	6 U	5 U
Nitrobenzene	2.3	3 UJ	1 U	1 U	2 U	3 U	3 U	2 U
Isophorone	2.2	3 UJ	1 U	1 U	2 U	3 U	3 U	2 U
2-Nitrophenol	9.3	12 UJ	6 U	6 U	7 U	13 U	12 U	10 U
2,4-Dimethylphenol	6.6	8 UJ	4 U	4 U	5 U	9 U	8 U	7 U
Benzoic Acid	18	23 UJ	12 U	12 U	14 U	26 U	23 U	20 U
bis(2-Chloroethoxy)methane	2	2 UJ	1 U	1 U	2 U	3 U	2 U	2 U
2,4-Dichlorophenol	8.4	10 UJ	6 U	6 U	7 U	12 U	10 U	9 U
1,2,4-Trichlorobenzene	4.2	5 UJ	3 U	3 U	3 U	6 U	5 U	5 U
Naphthalene	2.7	3 UJ	2 U	2 U	2 U	4 U	3 U	3 U
4-Chloroaniline	3.6	4 UJ	2 U	2 U	3 U	5 U	4 U	4 U
Hexachlorobutadiene	5.1	6 UJ	3 U	3 U	4 U	7 U	6 U	6 U
4-Chloro-3-Methylphenol	6.9	9 UJ	5 U	5 U	5 U	10 U	9 U	8 U
2-Methylnaphthalene	3.3	4 UJ	2 U	2 U	3 U	5 U	4 U	4 U
Hexachlorocyclopentadiene	2.6	3 UJ	2 U	2 U	2 U	4 U	3 U	3 U
2,4,6-Trichlorophenol	12	15 UJ	8 U	8 U	10 U	18 U	15 U	14 U
2,4,5-Trichlorophenol	7.5	9 UJ	5 U	5 U	6 U	11 U	9 U	8 U
2-Chloronaphthalene	2.5	3 UJ	2 U	2 U	2 U	4 U	3 U	3 U
2-Nitroaniline	1.8	2 UJ	1 U	1 U	1 U	3 U	2 U	2 U
Dimethylphthalate	8.1	10 UJ	5 U	5 U	6 U	12 U	10 U	9 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

	LOCATION:	T-115	T-115	T-121	T-121	T-126	T-129	T-129	T-138	
	DEPTH:	-	-	-	-	-	-	-	-	
	ISIS ID:	01TW115009X1DX	01TW115009X1XX	01TW121013X1DX	01TW121013X1XX	01TW126015X1XX	01TW129010X1DX	01TW129010X1XX	01TW138010X1DX	
	LAB NUMBER:	AS048088	AS048087	AS050496	AS050495	AS048327	AS049272	AS049271	AS049913	
	DATE SAMPLED:	10/26/93	10/26/93	11/12/93	11/12/93	10/27/93	11/03/93	11/03/93	11/08/93	
	DATE EXTRACTED:	10/29/93	10/29/93	11/18/93	11/18/93	11/01/93	11/08/93	11/08/93	11/15/93	
	DATE ANALYZED:	11/09/93	11/09/93	11/22/93	11/21/93	11/09/93	11/09/93	11/09/93	11/16/93	
ANALYTE	SW-846.4	CRQL								
Phenol	4	4	15 U	15 U	6 U	10 U	19 U	13 U	12 U	130 J
bis(2-Chloroethyl)ether	2.6	2.6	6 U	6 U	3 U	4 U	8 U	6 U	3 J	41 J
2-Chlorophenol	9	9	22 U	22 U	9 U	15 U	28 U	20 U	18 U	11 UJ
1,3-Dichlorobenzene	4.2	4.2	10 U	10 U	4 U	7 U	13 U	9 U	8 U	5 UJ
1,4-Dichlorobenzene	3.9	3.9	10 U	10 U	4 U	7 U	12 U	8 U	8 U	5 UJ
Benzyl Alcohol	4.5	4.5	11 U	11 U	4 U	8 U	14 U	10 U	9 U	6 UJ
2-Methylphenol	9	9	22 U	22 U	9 U	15 U	28 U	20 U	18 U	11 UJ
bis(2-Chloroisopropyl)ether	2.6	2.6	6 U	6 U	3 U	4 U	8 U	6 U	5 U	3 UJ
4-Methylphenol	7.5	7.5	19 U	19 U	8 U	13 U	23 U	16 U	15 U	9 UJ
N-Nitroso-di-n-propylamine	2.1	2.1	5 U	5 U	2 U	4 U	7 U	5 U	4 U	3 UJ
Hexachloroethane	4.8	4.8	12 U	12 U	5 U	8 U	15 U	10 U	10 U	6 UJ
Nitrobenzene	2.3	2.3	6 U	6 U	2 U	4 U	7 U	5 U	4 U	3 UJ
Isophorone	2.2	2.2	6 U	6 U	2 U	4 U	7 U	5 U	4 U	3 UJ
2-Nitrophenol	9.3	9.3	23 U	23 U	9 U	16 U	29 U	20 U	19 U	12 UJ
2,4-Dimethylphenol	6.6	6.6	16 U	16 U	7 U	11 U	21 U	14 U	13 U	8 UJ
Benzoic Acid	18	18	46 U	46 U	18 U	31 U	57 U	40 U	37 U	68 J
bis(2-Chloroethoxy)methane	2	2	5 U	5 U	2 U	3 U	6 U	4 U	4 U	2 UJ
2,4-Dichlorophenol	8.4	8.4	21 U	21 U	8 U	14 U	26 U	18 U	17 U	10 UJ
1,2,4-Trichlorobenzene	4.2	4.2	10 U	10 U	4 U	7 U	13 U	9 U	8 U	5 UJ
Naphthalene	2.7	2.7	7 U	7 U	3 U	5 U	8 U	6 U	5 U	3 UJ
4-Chloroaniline	3.6	3.6	9 U	9 U	4 U	6 U	11 U	8 U	7 U	4 UJ
Hexachlorobutadiene	5.1	5.1	13 U	13 U	5 U	9 U	16 U	11 U	10 U	6 UJ
4-Chloro-3-Methylphenol	6.9	6.9	17 U	17 U	7 U	12 U	22 U	15 U	14 U	9 UJ
2-Methylnaphthalene	3.3	3.3	8 U	8 U	3 U	6 U	10 U	7 U	7 U	4 UJ
Hexachlorocyclopentadiene	2.6	2.6	6 U	6 U	3 U	4 U	8 U	6 U	5 U	3 UJ
2,4,6-Trichlorophenol	12	12	31 U	31 U	12 U	21 U	38 U	27 U	25 U	15 UJ
2,4,5-Trichlorophenol	7.5	7.5	19 U	19 U	8 U	13 U	23 U	16 U	15 U	9 UJ
2-Chloronaphthalene	2.5	2.5	6 U	6 U	2 U	4 U	8 U	5 U	5 U	3 UJ
2-Nitroaniline	1.8	1.8	4 U	4 U	2 U	3 U	6 U	4 U	4 U	2 UJ
Dimethylphthalate	8.1	8.1	20 U	20 U	8 U	14 U	25 U	18 U	16 U	10 UJ

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	E-1	E-4	B-1	B-2	B-4	B-5	B-6	B-7
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01MWXE1XXXX1XX	01MWXE4XXXX1XX	01PZXB1XXXX1XX	01PZXB2XXXX1XX	01PZXB4XXXX1XX	01PZXB5XXXX1XX	01PZXB6XXXX1XX	01PZXB7XXXX1XX
LAB NUMBER:	A4030602	A4024706	A4022703	A4024703	A4024708	A4024709	A4030104	A4030105
DATE SAMPLED:	01/27/94	01/24/94	01/21/94	01/24/94	01/24/94	01/24/94	01/26/94	01/26/94
DATE EXTRACTED:	02/02/94	01/28/94	01/26/94	01/28/94	01/28/94	01/28/94	02/01/94	02/01/94
DATE ANALYZED:	02/10/94	02/01/94	01/28/94	02/01/94	02/01/94	02/02/94	02/10/94	02/10/94

ANALYTE	SW-846.4	CRQL							
Indeno(1,2,3-c,d)Pyrene	1.9	1 U	2 U	69	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)Anthracene	2.1	1 U	2 U	19	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	2.6	1 U	2 U	45	2 U	1 U	1 U	1 U	2 U
3-Chloropyridine	10	480	8 U	5 U	6 U	8	44	5 U	37
4-Chloropyridine	10	0.7 J	8 U	5 U	6 U	6 U	6 U	5 U	6 U
p-Fluoroaniline	20	56	8 U	5 U	34	47	84	240	45
2,6-Dichloropyridine	10	1200	2 J	13	91	85	140	1000	660
2-Chloropyridine	10	8300	13	3 J	390	600	1100	9700	3100
Pyridine	10	820	8 U	5 U	6 U	6 U	24	5 U	15
=====									
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	900	600	970	840	900	900	910	850	
Associated Method Blank:	17407Z.MSO	14740W.MSO	14618W.MSO	14740W.MSO	14740W.MSO	14740W.MSO	16532Y.MSO	16532Y.MSO	
Associated Equipment Blank:	01QSX18XXXX1XX	01QSX15XXXX1XX	01QSX13XXXX1XX	01QSX15XXXX1XX	01QSX15XXXX1XX	01QSX15XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	
Associated Field Blank:	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

ANALYTE	SW-846.4	CRQL	LOCATION:	E-1	E-4	B-1	B-2	B-4	B-5	B-6	B-7
			DEPTH:	-	-	-	-	-	-	-	-
			ISIS ID:	01MWXE1XXXX1XX	01MWXE4XXXX1XX	01PZXB1XXXX1XX	01PZXB2XXXX1XX	01PZXB4XXXX1XX	01PZXB5XXXX1XX	01PZXB6XXXX1XX	01PZXB7XXXX1XX
			LAB NUMBER:	A4030602	A4024706	A4022703	A4024703	A4024708	A4024709	A4030104	A4030105
			DATE SAMPLED:	01/27/94	01/24/94	01/21/94	01/24/94	01/24/94	01/24/94	01/26/94	01/26/94
			DATE EXTRACTED:	02/02/94	01/28/94	01/26/94	01/28/94	01/28/94	01/28/94	02/01/94	02/01/94
			DATE ANALYZED:	02/10/94	02/01/94	01/28/94	02/01/94	02/01/94	02/02/94	02/10/94	02/10/94
2,6-Dinitrotoluene	2	2	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
3-Nitroaniline	1.3	0.7 U	2 U	1 U	0.7 U	0.8 U	0.7 U	0.7 U	0.7 U	0.7 U	0.8 U
Acenaphthene	2.9	2 U	2 U	2 U	42	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	11	6 U	9 U	6 U	7 U	6 U	6 U	6 U	6 U	120 U	130 U
4-Nitrophenol	8.7	5 U	7 U	4 U	5 U	5 U	5 U	5 U	5 U	96 U	100 U
Dibenzofuran	2	1 U	2 U	25	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dinitrotoluene	2.2	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	3.9	2 U	3 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl-phenylether	2.3	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	2.7	2 U	2 U	61	2 U	2 U	2 U	2 U	2 U	1 U	2 U
4-Nitroaniline	2.4	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4,6-Dinitro-2-methylphenol	19	10 U	16 U	10 U	11 U	10 U	10 U	10 U	10 U	210 U	220 U
N-Nitrosodiphenylamine	2.1	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Bromophenyl-phenylether	2.5	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	2.4	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	18	10 U	15 U	9 U	11 U	10 U	10 U	10 U	10 U	200 U	210 U
Phenanthrene	2.9	2 U	2 U	300	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Anthracene	2.6	1 U	2 U	160	2 U	2 U	2 U	2 U	2 U	1 U	2 U
Di-n-butylphthalate	2.4	22	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	2.6	1 U	2 U	990	2 U	2 U	2 U	2 U	2 U	1 U	2 U
Pyrene	3	2 U	2 U	660	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Butylbenzylphthalate	6	3 U	5 U	3 U	4 U	3 U	3 U	3 U	3 U	3 U	4 U
3,3'-Dichlorobenzidine	2.5	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)Anthracene	3.3	2 U	3 U	410	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chrysene	2	1 U	2 U	330	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	2.8	9	2 U	2	2	3	48	0.3 J	0.3 J	2 U	2 U
Di-n-octylphthalate	2.8	2 U	2 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(b)Fluoranthene	3.9	2 U	3 U	470	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(k)Fluoranthene	2.8	2 U	4 U	190	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(a)Pyrene	1.9	1 U	2 U	340	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

	LOCATION:	E-1	E-4	B-1	B-2	B-4	B-5	B-6	B-7
	DEPTH:	-	-	-	-	-	-	-	-
	ISIS ID:	01MWE1XXXX1XX	01MWE4XXXX1XX	01PZXB1XXXX1XX	01PZXB2XXXX1XX	01PZXB4XXXX1XX	01PZXB5XXXX1XX	01PZXB6XXXX1XX	01PZXB7XXXX1XX
	LAB NUMBER:	A4030602	A4024706	A4022703	A4024703	A4024708	A4024709	A4030104	A4030105
	DATE SAMPLED:	01/27/94	01/24/94	01/21/94	01/24/94	01/24/94	01/24/94	01/26/94	01/26/94
	DATE EXTRACTED:	02/02/94	01/28/94	01/26/94	01/28/94	01/28/94	01/28/94	02/01/94	02/01/94
	DATE ANALYZED:	02/10/94	02/01/94	01/28/94	02/01/94	02/01/94	02/02/94	02/10/94	02/10/94
ANALYTE	SW-846.4	CRQL							
Phenol	4	4	3 U	5 U	3 U	4 U	3 U	66 U	70 U
bis(2-Chloroethyl)ether	2.6	380	3 U	2 U	1 U	2 U	12	21	2
2-Chlorophenol	9	5 U	8 U	5 U	5 U	5 U	5 U	2 J	100 U
1,3-Dichlorobenzene	4.2	2 U	4 U	2 U	2 U	2 U	9	2 U	2 U
1,4-Dichlorobenzene	3.9	2 U	3 U	2 U	2 U	2 U	24	2 U	2 U
Benzyl Alcohol	4.5	2 U	4 U	2 U	3 U	2 U	2 U	49 U	53 U
2-Methylphenol	9	5 U	8 U	5 U	5 U	5 U	5 U	1 J	100 U
bis(2-Chloroisopropyl)ether	2.6	1 U	2 U	1 U	2 U	1 U	1 U	1 U	2 U
4-Methylphenol	7.5	4 U	6 U	4 U	4 U	4 U	28	82 U	88 U
N-Nitroso-di-n-propylamine	2.1	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachloroethane	4.8	3 U	4 U	2 U	3 U	3 U	3 U	3 U	3 U
Nitrobenzene	2.3	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	2.2	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitrophenol	9.3	5 U	8 U	5 U	6 U	5 U	5 U	100 U	110 U
2,4-Dimethylphenol	6.6	4 U	6 U	3 U	4 U	4 U	4 U	72 U	78 U
Benzoic Acid	18	14	15 U	9 U	11 U	2 J	5 J	10 UJ	220 U
bis(2-Chloroethoxy)methane	2	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dichlorophenol	8.4	5 U	7 U	4 U	5 U	5 U	5 U	92 U	99 U
1,2,4-Trichlorobenzene	4.2	2 U	4 U	2 U	2 U	2 U	29	2 U	2 U
Naphthalene	2.7	2 U	2 U	3	2 U	2 U	2 U	1 U	2 U
4-Chloroaniline	3.6	6	3 U	2 U	2 U	5	210	50	7
Hexachlorobutadiene	5.1	3 U	4 U	3 U	3 U	3 U	3 U	3 U	3 U
4-Chloro-3-Methylphenol	6.9	4 U	6 U	4 U	4 U	4 U	4 U	76 U	81 U
2-Methylnaphthalene	3.3	2 U	3 U	1 J	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	2.6	1 U	2 U	1 U	2 U	1 U	1 U	1 U	2 U
2,4,6-Trichlorophenol	12	7 U	10 U	6 U	7 U	7 U	0.8 J	140 U	140 U
2,4,5-Trichlorophenol	7.5	4 U	6 U	4 U	4 U	4 U	4 U	82 U	88 U
2-Chloronaphthalene	2.5	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U
2-Nitroaniline	1.8	1 U	2 U	0.9 U	1 U	1 U	1 U	1 U	1 U
Dimethylphthalate	8.1	4 U	7 U	4 U	5 U	4 U	4 U	4 U	5 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	BR-107	BR-107	BR-108	BR-8	MW-103	MW-104	MW-106	MW-107
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01BR107XXXX1XD	01BR107XXXX1XX	01BR108XXXX1XX	01BRXX8XXXX1XX	01MW103XXXX1XX	01MW104XXXX1XX	01MW106XXXX1XX	01MW107XXXX1XX
LAB NUMBER:	A4022702FD	A4022702	A4038207	A4024710	A4021707	A4029803	A4038205	A4022701
DATE SAMPLED:	01/21/94	01/21/94	02/02/94	01/24/94	01/20/94	01/26/94	02/02/94	01/21/94
DATE EXTRACTED:	01/26/94	01/26/94	02/04/94	01/28/94	01/25/94	02/01/94	02/04/94	01/26/94
DATE ANALYZED:	01/28/94	01/28/94	02/13/94	02/01/94	01/26/94	02/06/94	02/12/94	01/28/94

ANALYTE	SW-846.4	CRQL	BR-107	BR-107	BR-108	BR-8	MW-103	MW-104	MW-106	MW-107
Indeno(1,2,3-c,d)Pyrene	1.9		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)Anthracene	2.1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	2.6		2 U	2 U	2 U	2 U	1 U	1 U	2 U	1 U
3-Chloropyridine	10		6 U	6 U	6 U	120	6 U	6 U	1500	5 U
4-Chloropyridine	10		6 U	6 U	6 U	1 J	6 U	6 U	6 U	5 U
p-Fluoroaniline	20		6 U	6 U	6 U	350	6 U	6 U	2100	5 U
2,6-Dichloropyridine	10		6 U	6 U	0.7 J	710	6 U	28	4200	0.6 J
2-Chloropyridine	10		5 J	4 J	13	4500	6 U	7	60000	2 J
Pyridine	10		6 U	6 U	6 U	77	6 U	6 U	640	5 U

Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	800	800	850	800	900	900	850	930	
Associated Method Blank:	14618W.MSO	14618W.MSO	17434Z.MSO	14740W.MSO	14588W.MSO	14714W.MSO	17434Z.MSO	14618W.MSO	
Associated Equipment Blank:	01QSX13XXXX1XX	01QSX13XXXX1XX	01QSX19XXXX1XX	01QSX15XXXX1XX	01QSX13XXXX1XX	01QSX17XXXX1XX	01QSX19XXXX1XX	01QSX13XXXX1XX	
Associated Field Blank:	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

	LOCATION:	BR-107	BR-107	BR-108	BR-8	MW-103	MW-104	MW-106	MW-107
	DEPTH:	-	-	-	-	-	-	-	-
	ISIS ID:	01BR107XXXX1XD	01BR107XXXX1XX	01BR108XXXX1XX	01BRXX8XXXX1XX	01MW103XXXX1XX	01MW104XXXX1XX	01MW106XXXX1XX	01MW107XXXX1XX
	LAB NUMBER:	A4022702FD	A4022702	A4038207	A4024710	A4021707	A4029803	A4038205	A4022701
	DATE SAMPLED:	01/21/94	01/21/94	02/02/94	01/24/94	01/20/94	01/26/94	02/02/94	01/21/94
	DATE EXTRACTED:	01/26/94	01/26/94	02/04/94	01/28/94	01/25/94	02/01/94	02/04/94	01/26/94
	DATE ANALYZED:	01/28/94	01/28/94	02/13/94	02/01/94	01/26/94	02/06/94	02/12/94	01/28/94
ANALYTE	SW-846.4	CRQL							
2,6-Dinitrotoluene	2	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
3-Nitroaniline	1.3	0.8 U	2 U	0.8 U	0.8 U	0.7 U	0.7 U	0.8 U	0.7 U
Acenaphthene	2.9	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	11	7 U	7 U	6 U	7 U	6 U	6 U	6 U	6 U
4-Nitrophenol	8.7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibenzofuran	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dinitrotoluene	2.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	3.9	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl-phenylether	2.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	2.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4-Nitroaniline	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4,6-Dinitro-2-methylphenol	19	12 U	12 U	11 U	12 U	10 U	10 U	11 U	10 U
N-Nitrosodiphenylamine	2.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Bromophenyl-phenylether	2.5	2 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	2.4	2 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U
Pentachlorophenol	18	11 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U
Phenanthrene	2.9	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Anthracene	2.6	2 U	2 U	2 U	2 U	1 U	1 U	2 U	1 U
Di-n-butylphthalate	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	2.6	2 U	2 U	2 U	2 U	1 U	1 U	2 U	1 U
Pyrene	3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Butylbenzylphthalate	6	4 U	4 U	4 U	4 U	3 U	3 U	4 U	3 U
3,3'-Dichlorobenzidine	2.5	2 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U
Benzo(a)Anthracene	3.3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chrysene	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	2.8	10	7	1 J	2 U	2 U	2 U	2	1 J
Di-n-octylphthalate	2.8	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.9 J
Benzo(b)Fluoranthene	3.9	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(k)Fluoranthene	2.8	3 U	3 U	2 U	3 U	2 U	2 U	2 U	2 U
Benzo(a)Pyrene	1.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	BR-107	BR-107	BR-108	BR-8	MW-103	MW-104	MW-106	MW-107
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01BR107XXXX1XD	01BR107XXXX1XX	01BR108XXXX1XX	01BRXX8XXXX1XX	01MW103XXXX1XX	01MW104XXXX1XX	01MW106XXXX1XX	01MW107XXXX1XX
LAB NUMBER:	A4022702FD	A4022702	A4038207	A4024710	A4021707	A4029803	A4038205	A4022701
DATE SAMPLED:	01/21/94	01/21/94	02/02/94	01/24/94	01/20/94	01/26/94	02/02/94	01/21/94
DATE EXTRACTED:	01/26/94	01/26/94	02/04/94	01/28/94	01/25/94	02/01/94	02/04/94	01/26/94
DATE ANALYZED:	01/28/94	01/28/94	02/13/94	02/01/94	01/26/94	02/06/94	02/12/94	01/28/94

ANALYTE	SW-846.4	CRQL	BR-107	BR-107	BR-108	BR-8	MW-103	MW-104	MW-106	MW-107
Phenol	4	4	4 U	4 U	4 U	4 U	3 U	3 U	4 U	3 U
bis(2-Chloroethyl)ether	2.6	2	2 U	2 U	2 U	2 U	1 U	0.7 J	25	1 U
2-Chlorophenol	9	6	6 U	6 U	5 U	6 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	4.2	3	3 U	3 U	2 U	62	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	3.9	2	2 U	2 U	2 U	35	2 U	2 U	2 U	2 U
Benzyl Alcohol	4.5	3	3 U	3 U	3 U	3 U	2 U	2 U	3 U	2 U
2-Methylphenol	9	6	6 U	6 U	5 U	6 U	5 U	5 U	5 U	5 U
bis(2-Chloroisopropyl)ether	2.6	2	2 U	2 U	2 U	2 U	1 U	1 U	2 U	1 U
4-Methylphenol	7.5	5	5 U	5 U	4 U	5 U	4 U	4 U	4 U	4 U
N-Nitroso-di-n-propylamine	2.1	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachloroethane	4.8	3	3 U	3 U	3 U	3 U	3 U	3 U	3 U	2 U
Nitrobenzene	2.3	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	2.2	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitrophenol	9.3	6	6 U	6 U	5 U	6 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	6.6	4	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
Benzoic Acid	18	11	11 U	11 U	11 U	1 J	10 U	10 U	59	10 U
bis(2-Chloroethoxy)methane	2	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dichlorophenol	8.4	5	5 U	5 U	5 U	4 J	5 U	5 U	5 U	4 U
1,2,4-Trichlorobenzene	4.2	3	3 U	3 U	2 U	11	2 U	2 U	2 U	2 U
Naphthalene	2.7	3	2	2	2 U	2 U	2 U	2 U	2 U	1 U
4-Chloroaniline	3.6	2	2 U	2 U	2 U	68	2 U	2 U	110	2 U
Hexachlorobutadiene	5.1	3	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
4-Chloro-3-Methylphenol	6.9	4	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
2-Methylnaphthalene	3.3	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	2.6	2	2 U	2 U	2 U	2 U	1 U	1 U	2 U	1 U
2,4,6-Trichlorophenol	12	8	8 U	8 U	7 U	8 U	7 U	7 U	7 U	7 U
2,4,5-Trichlorophenol	7.5	5	5 U	5 U	4 U	5 U	4 U	4 U	4 U	4 U
2-Chloronaphthalene	2.5	2	2 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U
2-Nitroaniline	1.8	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethylphthalate	8.1	5	5 U	5 U	5 U	5 U	4 U	4 U	5 U	4 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	BR-101	BR-102	BR-103	BR-104	BR-105D	BR-105D	BR-105	BR-106
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01BR101XXXX1XX	01BR102XXXX1XX	01BR103XXXX1XX	01BR104XXXX1XX	01BR105XXDX1DX	01BR105XXDX1XX	01BR105XXXX1XX	01BR106XXXX1XX
LAB NUMBER:	A4036204	A4030604	A4021701	A4029801	A4039507	A4039506	A4030606	A4038204
DATE SAMPLED:	02/01/94	01/27/94	01/20/94	01/26/94	02/04/94	02/04/94	01/27/94	02/02/94
DATE EXTRACTED:	02/03/94	02/02/94	01/25/94	02/01/94	02/07/94	02/07/94	02/02/94	02/04/94
DATE ANALYZED:	02/07/94	02/10/94	01/26/94	02/06/94	02/13/94	02/13/94	02/10/94	02/12/94

ANALYTE	SW-846.4	CRQL	BR-101	BR-102	BR-103	BR-104	BR-105D	BR-105D	BR-105	BR-106
Indeno(1,2,3-c,d)Pyrene	1.9		1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
Dibenz(a,h)Anthracene	2.1		1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
Benzo(g,h,i)perylene	2.6		1 UJ	1 U	1 U	2 U	1 U	1 U	1 UJ	1 U
3-Chloropyridine	10		140	36	6 U	13	32	32	540 J	180
4-Chloropyridine	10		5 UJ	6 U	6 U	6 U	5 U	6 U	6 UJ	5 U
p-Fluoroaniline	20		360	130	6	15	11	14	220 J	280
2,6-Dichloropyridine	10		370	160	6 U	230	54	62	1800 J	710
2-Chloropyridine	10		1800	1700	6	2800	2100	2100	21000 J	9400
Pyridine	10		970	87	6 U	6	6	8	35 J	95
=====										
Dilution Factor:	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	950		900	900	900	800	970	900	900	1000
Associated Method Blank:	16523Y.MSO		17407Z.MSO	14588W.MSO	14714W.MSO	14768W.MSO	14768W.MSO	17407Z.MSO	17434Z.MSO	
Associated Equipment Blank:	01Qsx18XXXX1XX		01Qsx18XXXX1XX	01Qsx13XXXX1XX	01Qsx17XXXX1XX	01Qsx19XXXX1XX	01Qsx19XXXX1XX	01Qsx18XXXX1XX	01Qsx19XXXX1XX	
Associated Field Blank:	01QDxx4XXXX1XX		01QDxx4XXXX1XX	01QDxx4XXXX1XX	01QDxx4XXXX1XX	01QDxx4XXXX1XX	01QDxx4XXXX1XX	01QDxx4XXXX1XX	01QDxx4XXXX1XX	

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	T-115	T-115	T-121	T-121	T-126	T-129	T-129	T-138
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01TW115009X1DX	01TW115009X1XX	01TW121013X1DX	01TW121013X1XX	01TW126015X1XX	01TW129010X1DX	01TW129010X1XX	01TW138010X1DX
LAB NUMBER:	AS048088	AS048087	AS050496	AS050495	AS048327	AS049272	AS049271	AS049913
DATE SAMPLED:	10/26/93	10/26/93	11/12/93	11/12/93	10/27/93	11/03/93	11/03/93	11/08/93
DATE EXTRACTED:	10/29/93	10/29/93	11/18/93	11/18/93	11/01/93	11/08/93	11/08/93	11/15/93
DATE ANALYZED:	11/09/93	11/09/93	11/22/93	11/21/93	11/09/93	11/09/93	11/09/93	11/16/93

ANALYTE	SW-846.4	CRQL	T-115	T-115	T-121	T-121	T-126	T-129	T-129	T-138
2,6-Dinitrotoluene		2	5 U	5 U	2 U	3 U	6 U	4 U	4 U	2 UJ
3-Nitroaniline		1.3	3 U	3 U	1 U	2 U	4 U	3 U	2 U	2 UJ
Acenaphthene		2.9	7 U	7 U	3 U	5 U	9 U	1 J	6 U	4 UJ
2,4-Dinitrophenol		11	28 U	28 U	11 U	19 U	35 U	24 U	22 U	14 UJ
4-Nitrophenol		8.7	22 U	22 U	9 U	15 U	27 U	19 U	17 U	11 UJ
Dibenzofuran		2	5 U	5 U	2 U	3 U	6 U	4 U	4 U	2 UJ
2,4-Dinitrotoluene		2.2	6 U	6 U	2 U	4 U	7 U	5 U	4 U	3 UJ
Diethylphthalate		3.9	10 U	10 U	4 U	7 U	12 U	8 U	8 U	5 UJ
4-Chlorophenyl-phenylether		2.3	6 U	6 U	2 U	4 U	7 U	5 U	5 U	3 UJ
Fluorene		2.7	7 U	7 U	3 U	5 U	8 U	6 U	5 U	3 UJ
4-Nitroaniline		2.4	6 U	6 U	2 U	4 U	7 U	5 U	5 U	3 UJ
4,6-Dinitro-2-methylphenol		19	47 U	47 U	19 U	32 U	59 U	41 U	38 U	24 UJ
N-Nitrosodiphenylamine		2.1	5 U	5 U	2 U	4 U	7 U	4 U	4 U	3 UJ
4-Bromophenyl-phenylether		2.5	6 U	6 U	2 U	4 U	8 U	5 U	5 U	3 UJ
Hexachlorobenzene		2.4	6 U	6 U	2 U	4 U	7 U	5 U	5 U	3 UJ
Pentachlorophenol		18	45 U	45 U	18 U	30 U	56 U	39 U	36 U	22 UJ
Phenanthrene		2.9	7 U	7 U	3 U	5 U	9 U	6 U	6 U	4 UJ
Anthracene		2.6	6 U	6 U	3 U	4 U	8 U	6 U	5 U	3 UJ
Di-n-butylphthalate		2.4	6 U	6 U	2 U	4 U	7 U	5 U	5 U	3 UJ
Fluoranthene		2.6	6 U	6 U	3 U	4 U	8 U	6 U	5 U	3 UJ
Pyrene		3	8 U	8 U	3 U	5 U	9 U	7 U	6 U	4 UJ
Butylbenzylphthalate		6	15 U	15 U	6 U	10 U	19 U	13 U	12 U	8 UJ
3,3'-Dichlorobenzidine		2.5	6 U	6 U	2 U	4 U	8 U	5 U	5 U	3 UJ
Benzo(a)Anthracene		3.3	8 U	8 U	3 U	6 U	10 U	7 U	7 U	4 UJ
Chrysene		2	5 U	5 U	2 U	3 U	6 U	4 U	4 U	2 UJ
bis(2-Ethylhexyl)phthalate		2.8	7 U	7 U	3 U	5 U	9 U	26 J	49 J	6 J
Di-n-octylphthalate		2.8	7 U	7 U	3 U	5 U	9 U	6 U	6 U	4 UJ
Benzo(b)Fluoranthene		3.9	10 U	10 U	4 U	7 U	12 U	8 U	8 U	5 UJ
Benzo(k)Fluoranthene		2.8	10 U	10 U	4 U	7 U	13 U	9 U	8 U	5 UJ
Benzo(a)Pyrene		1.9	5 U	5 U	2 U	3 U	6 U	4 U	4 U	2 UJ

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	T-115	T-115	T-121	T-121	T-126	T-129	T-129	T-138
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01TW115009X1DX	01TW115009X1XX	01TW121013X1DX	01TW121013X1XX	01TW126015X1XX	01TW129010X1DX	01TW129010X1XX	01TW138010X1DX
LAB NUMBER:	AS048088	AS048087	AS050496	AS050495	AS048327	AS049272	AS049271	AS049913
DATE SAMPLED:	10/26/93	10/26/93	11/12/93	11/12/93	10/27/93	11/03/93	11/03/93	11/08/93
DATE EXTRACTED:	10/29/93	10/29/93	11/18/93	11/18/93	11/01/93	11/08/93	11/08/93	11/15/93
DATE ANALYZED:	11/09/93	11/09/93	11/22/93	11/21/93	11/09/93	11/09/93	11/09/93	11/16/93

ANALYTE	SW-846.4	CRQL								
Indeno(1,2,3-c,d)Pyrene	1.9	5 U	5 U	2 U	3 U	6 U	4 U	4 U	2 UJ	
Dibenz(a,h)Anthracene	2.1	5 U	5 U	2 U	4 U	7 U	5 U	4 U	3 UJ	
Benzo(g,h,i)perylene	2.6	6 U	6 U	3 U	4 U	8 U	6 U	5 U	3 UJ	
3-Chloropyridine	10	25 U	25 U	10 U	17 U	31 U	17 J	14 J	130 J	
4-Chloropyridine	10	25 U	25 U	10 U	17 U	31 U	22 U	20 U	12 UJ	
p-Fluoroaniline	20	25 U	25 U	10 U	17 U	31 U	22 U	20 U	14 J	
2,6-Dichloropyridine	10	23 J	27	10 U	17 U	31 U	34	30	110 J	
2-Chloropyridine	10	25 U	25 U	63	80	31 U	530	480	3000 J	
Pyridine	10	25 U	25 U	10 U	17 U	31 U	200	190	260 J	
=====										
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	400	400	500	300	320	460	500	100		
Associated Method Blank:	162332	162332	163782	163782	162392	162412	162412	163782		
Associated Equipment Blank:	01QSXX3XXXX1XX	01QSXX3XXXX1XX	01QSXX6XXXX1XX	01QSXX6XXXX1XX	01QSXX3XXXX1XX	01QSXX5XXXX1XX	01QSXX5XXXX1XX	01QSXX6XXXX1XX		
Associated Field Blank:	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX1XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX		

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

	LOCATION:	BR-101	BR-102	BR-103	BR-104	BR-105D	BR-105D	BR-105	BR-106
	DEPTH:	-	-	-	-	-	-	-	-
	ISIS ID:	01BR101XXXX1XX	01BR102XXXX1XX	01BR103XXXX1XX	01BR104XXXX1XX	01BR105XXDX1DX	01BR105XXDX1XX	01BR105XXXX1XX	01BR106XXXX1XX
	LAB NUMBER:	A4036204	A4030604	A4021701	A4029801	A4039507	A4039506	A4030606	A4038204
	DATE SAMPLED:	02/01/94	01/27/94	01/20/94	01/26/94	02/04/94	02/04/94	01/27/94	02/02/94
	DATE EXTRACTED:	02/03/94	02/02/94	01/25/94	02/01/94	02/07/94	02/07/94	02/02/94	02/04/94
	DATE ANALYZED:	02/07/94	02/10/94	01/26/94	02/06/94	02/13/94	02/13/94	02/10/94	02/12/94
ANALYTE	SW-846.4	CRQL							
2,6-Dinitrotoluene	2	1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
3-Nitroaniline	1.3	0.7 UJ	0.7 U	0.7 U	0.8 U	0.7 U	0.7 U	0.7 UJ	0.6 U
Acenaphthene	2.9	2 UJ	2 U	2 U	2 U	2 U	2 U	1 J	1 U
2,4-Dinitrophenol	11	6 U	6 U	6 U	7 U	6 U	6 U	62 U	6 U
4-Nitrophenol	8.7	4 U	5 U	5 U	5 U	4 U	5 U	48 U	4 U
Dibenzofuran	2	1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
2,4-Dinitrotoluene	2.2	1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
Diethylphthalate	3.9	2 UJ	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
4-Chlorophenyl-phenylether	2.3	1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
Fluorene	2.7	1 UJ	2 U	2 U	2 U	1 U	2 U	2 UJ	1 U
4-Nitroaniline	2.4	0.8 J	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
4,6-Dinitro-2-methylphenol	19	10 U	10 U	10 U	12 U	10 U	10 U	100 U	9 U
N-Nitrosodiphenylamine	2.1	1 UJ	1 U	1 U	1 U	1	1	1 UJ	1 U
4-Bromophenyl-phenylether	2.5	1 UJ	1 U	1 U	2 U	1 U	1 U	1 UJ	1 U
Hexachlorobenzene	2.4	1 UJ	1 U	1 U	2 U	1 U	1 U	1 UJ	1 U
Pentachlorophenol	18	9 U	10 U	10 U	11 U	9 U	10 U	100 U	9 U
Phenanthrene	2.9	2 UJ	2 U	2 U	2 U	1 U	2 U	2 J	1 U
Anthracene	2.6	1 UJ	1 U	1 U	2 U	1 U	1 U	1 UJ	1 U
Di-n-butylphthalate	2.4	4 UJ	1 U	1 U	1 U	26	27	1 UJ	1 U
Fluoranthene	2.6	1 UJ	1 U	1 U	2 U	1 U	1 U	1 UJ	1 U
Pyrene	3	2 UJ	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
Butylbenzylphthalate	6	3 UJ	3 U	3 U	4 U	1 J	3 U	3 UJ	3 U
3,3'-Dichlorobenzidine	2.5	1 UJ	1 U	1 U	2 U	1 U	1 U	1 UJ	1 U
Benzo(a)Anthracene	3.3	2 UJ	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
Chrysene	2	1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
bis(2-Ethylhexyl)phthalate	2.8	8 J	1 J	9	2 U	50	33	2 UJ	7 U
Di-n-octylphthalate	2.8	1 UJ	2 U	2 U	2 U	1 U	2 U	2 UJ	1 U
Benzo(b)Fluoranthene	3.9	2 UJ	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
Benzo(k)Fluoranthene	2.8	2 UJ	2 U	2 U	3 U	2 U	2 U	2 UJ	2 U
Benzo(a)Pyrene	1.9	1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	BR-101	BR-102	BR-103	BR-104	BR-105D	BR-105D	BR-105	BR-106
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01BR101XXXX1XX	01BR102XXXX1XX	01BR103XXXX1XX	01BR104XXXX1XX	01BR105XXDX1DX	01BR105XXDX1XX	01BR105XXXX1XX	01BR106XXXX1XX
LAB NUMBER:	A4036204	A4030604	A4021701	A4029801	A4039507	A4039506	A4030606	A4038204
DATE SAMPLED:	02/01/94	01/27/94	01/20/94	01/26/94	02/04/94	02/04/94	01/27/94	02/02/94
DATE EXTRACTED:	02/03/94	02/02/94	01/25/94	02/01/94	02/07/94	02/07/94	02/02/94	02/04/94
DATE ANALYZED:	02/07/94	02/10/94	01/26/94	02/06/94	02/13/94	02/13/94	02/10/94	02/12/94

ANALYTE	SW-846.4	CRQL	BR-101	BR-102	BR-103	BR-104	BR-105D	BR-105D	BR-105	BR-106
Phenol	4		3 U	3 U	3 U	4 U	3 U	3 U	33 U	3 U
bis(2-Chloroethyl)ether	2.6		180 J	12	1 U	27	1 U	1 U	17 J	6
2-Chlorophenol	9		3 J	5 U	5 U	6 U	5 U	5 U	50 U	4 U
1,3-Dichlorobenzene	4.2		2 UJ	2 U	2 U	3 U	2 U	2 U	2 UJ	2 U
1,4-Dichlorobenzene	3.9		4 J	1 U	2 U	2 U	2 U	2 U	2 UJ	2 U
Benzyl Alcohol	4.5		2 U	2 U	2 U	3 U	2 U	2 U	25 U	2 U
2-Methylphenol	9		5 U	5 U	5 U	6 U	5 U	5 U	50 U	4 U
bis(2-Chloroisopropyl)ether	2.6		1 UJ	1 U	1 U	2 U	1 U	1 U	1 UJ	1 U
4-Methylphenol	7.5		4 U	4 U	4 U	5 U	2 J	2 J	42 U	4 U
N-Nitroso-di-n-propylamine	2.1		1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
Hexachloroethane	4.8		2 UJ	3 U	3 U	3 U	2 U	3 U	3 UJ	2 U
Nitrobenzene	2.3		1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
Isophorone	2.2		1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
2-Nitrophenol	9.3		5 U	5 U	5 U	6 U	5 U	5 U	52 U	5 U
2,4-Dimethylphenol	6.6		3 U	4 U	4 U	4 U	3 U	4 U	37 U	3 U
Benzoic Acid	18		10 U	10 U	10 U	11 U	3 J	1 J	10 UJ	9 U
bis(2-Chloroethoxy)methane	2		1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
2,4-Dichlorophenol	8.4		4 U	5 U	5 U	5 U	4 U	5 U	47 U	4 U
1,2,4-Trichlorobenzene	4.2		420	2 U	2 U	3 U	2 U	2 U	2 UJ	2 U
Naphthalene	2.7		1 UJ	2 U	2 U	2 U	1 U	2 U	2 UJ	1 U
4-Chloroaniline	3.6		53 J	6	2 U	2 U	2 U	2 U	20 J	13
Hexachlorobutadiene	5.1		3 UJ	3 U	3 U	3 U	3 U	3 U	3 UJ	2 U
4-Chloro-3-Methylphenol	6.9		4 U	4 U	4 U	4 U	4 U	4 U	38 U	3 U
2-Methylnaphthalene	3.3		2 UJ	2 U	2 U	2 U	2 U	2 U	15 J	3
Hexachlorocyclopentadiene	2.6		1 UJ	1 U	1 U	2 U	1 U	1 U	1 UJ	1 U
2,4,6-Trichlorophenol	12		6 U	7 U	7 U	8 U	6 U	7 U	68 U	6 U
2,4,5-Trichlorophenol	7.5		4 U	4 U	4 U	5 U	4 U	4 U	45 U	4 U
2-Chloronaphthalene	2.5		1 UJ	1 U	1 U	2 U	1 U	1 U	1 UJ	1 U
2-Nitroaniline	1.8		1 UJ	1 U	1 U	1 U	0.9 U	1 U	1 UJ	0.9 U
Dimethylphthalate	8.1		4 UJ	4 U	4 U	5 U	4 U	4 U	4 UJ	4 U

Site: Olin Rochester Phase I RI/FS

Table 1
Laboratory Report of Analysis

LOCATION:	T-154	T-155
ISIS ID:	01TW154017X1XX	01TW155014X1XX
LAB NUMBER:	AS051167	AS051180
DATE SAMPLED:	11/19/93	11/18/93
DATE EXTRACTED:	11/26/93	11/26/93
DATE ANALYZED:	11/30/93	11/30/93

ANALYTE	SW-846.4	CRQL		
Indeno(1,2,3-c,d)Pyrene	1.9	1 U	2 U	
Dibenz(a,h)Anthracene	2.1	1 U	2 U	
Benzo(g,h,i)perylene	2.6	2 U	2 U	
3-Chloropyridine	10	7	9 U	
4-Chloropyridine	10	6 U	9 U	
p-Fluoroaniline	20	0.8 J	9 U	
2,6-Dichloropyridine	10	88 DJ	9 U	
2-Chloropyridine	10	4500 D	12	
Pyridine	10	5 J	0.7 J	

Dilution Factor:	1.00	1.00
Sample Volume\Weight (ml\g):	850	540

Associated Method Blank:	16599Z	16599Z
Associated Equipment Blank:	01QSXX8XXXX1XX	01QSXX8XXXX1XX
Associated Field Blank:	01QDXX4XXXX1XX	01QDXX4XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	T-154	T-155
ISIS ID:	01TW154017X1XX	01TW155014X1XX
LAB NUMBER:	AS051167	AS051180
DATE SAMPLED:	11/19/93	11/18/93
DATE EXTRACTED:	11/26/93	11/26/93
DATE ANALYZED:	11/30/93	11/30/93

ANALYTE	SW-846.4	CRQL		
2,6-Dinitrotoluene	2		1 U	2 U
3-Nitroaniline	1.3		0.8 U	1 U
Acenaphthene	2.9		2 U	3 U
2,4-Dinitrophenol	11		7 U	10 U
4-Nitrophenol	8.7		5 U	8 U
Dibenzofuran	2		1 U	2 U
2,4-Dinitrotoluene	2.2		1 U	2 U
Diethylphthalate	3.9		2 U	4 U
4-Chlorophenyl-phenylether	2.3		1 U	2 U
Fluorene	2.7		2 U	3 U
4-Nitroaniline	2.4		1 U	2 U
4,6-Dinitro-2-methylphenol	19		11 U	18 U
N-Nitrosodiphenylamine	2.1		1 U	2 U
4-Bromophenyl-phenylether	2.5		1 U	2 U
Hexachlorobenzene	2.4		1 U	2 U
Pentachlorophenol	18		11 U	17 U
Phenanthrene	2.9		2 U	3 U
Anthracene	2.6		2 U	2 U
Di-n-butylphthalate	2.4		1 U	2 U
Fluoranthene	2.6		2 U	2 U
Pyrene	3		2 U	3 U
Butylbenzylphthalate	6		4 U	6 U
3,3'-Dichlorobenzidine	2.5		1 U	2 U
Benzo(a)Anthracene	3.3		2 U	3 U
Chrysene	2		1 U	2 U
bis(2-Ethylhexyl)phthalate	2.8		2 U	3 U
Di-n-octylphthalate	2.8		2 U	3 U
Benzo(b)Fluoranthene	3.9		2 U	4 U
Benzo(k)Fluoranthene	2.8		2 U	4 U
Benzo(a)Pyrene	1.9		1 U	2 U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	T-154	T-155
ISIS ID:	01TW154017X1XX	01TW155014X1XX
LAB NUMBER:	AS051167	AS051180
DATE SAMPLED:	11/19/93	11/18/93
DATE EXTRACTED:	11/26/93	11/26/93
DATE ANALYZED:	11/30/93	11/30/93

ANALYTE	SW-846.4	CRQL		
Phenol	4	4	U	6
bis(2-Chloroethyl)ether	2.6	11		2
2-Chlorophenol	9	5	U	8
1,3-Dichlorobenzene	4.2	1	U	4
1,4-Dichlorobenzene	3.9	2	U	4
Benzyl Alcohol	4.5	3	U	4
2-Methylphenol	9	5	U	8
bis(2-Chloroisopropyl)ether	2.6	2	U	2
4-Methylphenol	7.5	4	U	7
N-Nitroso-di-n-propylamine	2.1	1	U	2
Hexachloroethane	4.8	3	U	4
Nitrobenzene	2.3	1	U	2
Isophorone	2.2	1	U	2
2-Nitrophenol	9.3	5	U	9
2,4-Dimethylphenol	6.6	4	U	6
Benzoic Acid	18	11	U	17
bis(2-Chloroethoxy)methane	2	1	U	2
2,4-Dichlorophenol	8.4	5	U	8
1,2,4-Trichlorobenzene	4.2	2	U	4
Naphthalene	2.7	2	U	3
4-Chloroaniline	3.6	2	U	3
Hexachlorobutadiene	5.1	3	U	5
4-Chloro-3-Methylphenol	6.9	4	U	6
2-Methylnaphthalene	3.3	2	U	3
Hexachlorocyclopentadiene	2.6	2	U	2
2,4,6-Trichlorophenol	12	7	U	11
2,4,5-Trichlorophenol	7.5	4	U	7
2-Chloronaphthalene	2.5	1	U	2
2-Nitroaniline	1.8	1	U	2
Dimethylphthalate	8.1	5	U	8

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	B-8	B-9	T-142	T-142	T-143	T-144	T-148	T-151
ISIS ID:	01PZX88XXX1XX	01PZX89XXX1XX	01TW142013X1DX	01TW142013X1XX	01TW143013X1XX	01TW144008X1XX	01TW148012X1XX	01TW151009X1XX
LAB NUMBER:	A4029809	A4030106	AS050785	AS050784	AS051023	AS0501022	AS050786	AS051166
DATE SAMPLED:	01/26/94	01/26/94	11/16/93	11/16/93	11/17/93	11/16/93	11/16/93	11/18/93
DATE EXTRACTED:	02/01/94	02/01/94	11/17/93	11/19/93	11/23/93	11/23/93	11/19/93	11/26/93
DATE ANALYZED:	02/06/94	02/11/94	11/22/93	11/22/93	11/30/93	11/30/93	11/22/93	11/30/93

ANALYTE	SW-846.4	CRQL								
Indeno(1,2,3-c,d)	1.9		1 U	1 U	2 U	2 U	1 U	1 U	3 U	1 U
Dibenz(a,h)Anthracene	2.1		1 U	1 U	2 U	2 U	1 U	1 U	3 U	1 U
Benzo(g,h,i)perylene	2.6		2 U	1 U	2 U	3 U	2 U	1 U	4 U	1 U
3-Chloropyridine	10	1900 D		110 D	19	17	6 U	5 U	14 U	2600 DJ
4-Chloropyridine	10	6 U		0.5 J	9 U	10 U	6 U	5 U	14 U	1300 E
p-Fluoroaniline	20	280 D		10	8 J	7 J	6 U	5 U	14 U	11
2,6-Dichloropyridine	10	7600 D		450 D	170 DJ	160	6 U	4 J	27	2100 DJ
3-Chloropyridine	10	99000 D		1800 D	6300 D	6200 D	4 J	14	300 D	120000 D
Pyridine	10	1 J		340 D	11	6 J	6 U	0.7 J	14 U	21000 D

Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	800	960	540	500	790	950	370	900	

Associated Method Blank:	14714W.MSO	16532Y.MSO	16498Z	16498Z	16598Z	16598Z	16498Z	16599Z
Associated Equipment Blank:	01QSX17XXX1XX	01QSX18XXX1XX	01QSXX8XXX1XX	01QSXX8XXX1XX	01QSXX8XXX1XX	01QSXX8XXX1XX	01QSXX8XXX1XX	01QSXX8XXX1XX
Associated Field Blank:	01QDXX4XXX1XX	01QDXX4XXX1XX	01QDXX4XXX1XX	01QDXX4XXX1XX	01QDXX4XXX1XX	01QDXX4XXX1XX	01QDXX4XXX1XX	01QDXX4XXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	B-8	B-9	T-142	T-142	T-143	T-144	T-148	T-151
ISIS ID:	01PZXB8XXXX1XX	01PZXB9XXXX1XX	01TW142013X1DX	01TW142013X1XX	01TW143013X1XX	01TW144008X1XX	01TW148012X1XX	01TW151009X1XX
LAB NUMBER:	A4029809	A4030106	AS050785	AS050784	AS051023	AS0501022	AS050786	AS051166
DATE SAMPLED:	01/26/94	01/26/94	11/16/93	11/16/93	11/17/93	11/16/93	11/16/93	11/18/93
DATE EXTRACTED:	02/01/94	02/01/94	11/17/93	11/19/93	11/23/93	11/23/93	11/19/93	11/26/93
DATE ANALYZED:	02/06/94	02/11/94	11/22/93	11/22/93	11/30/93	11/30/93	11/22/93	11/30/93

ANALYTE	SW-846.4	CRQL								
2,6-Dinitrotoluene	2		1 U	1 U	2 U	2 U	1 U	1 U	3 U	1 U
3-Nitroaniline	1.3		0.8 U	0.7 U	1 U	1 U	0.8 U	0.7 U	2 U	0.7 U
Acenaphthene	2.9		2 U	2 U	3 U	3 U	2 U	2 U	4 U	2 U
2,4-Dinitrophenol	11		7 U	6 U	10 U	11 U	7 U	6 U	15 U	6 U
4-Nitrophenol	8.7		5 U	4 U	8 U	9 U	6 U	5 U	12 U	5 U
Dibenzofuran	2		1 U	1 U	2 U	2 U	1 U	1 U	3 U	1 U
2,4-Dinitrotoluene	2.2		1 U	1 U	2 U	2 U	1 U	1 U	3 U	1 U
Diethylphthalate	3.9		2 U	2 U	4 U	4 U	2 U	2 U	5 U	2 U
4-Chlorophenyl-phenylether	2.3		1 U	1 U	2 U	2 U	1 U	1 U	3 U	1 U
Fluorene	2.7		2 U	1 U	3 U	3 U	2 U	1 U	4 U	2 U
4-Nitroaniline	2.4		1 U	1 U	2 U	2 U	2 U	1 U	3 U	1 U
4,6-Dinitro-2-methylphenol	19		12 U	10 U	18 U	19 U	12 U	10 U	26 U	11 U
N-Nitrosodiphenylamine	2.1		1 U	1 U	2 U	2 U	1 U	1 U	3 U	1 U
4-Bromophenyl-phenylether	2.5		2 U	1 U	2 U	2 U	2 U	1 U	3 U	1 U
Hexachlorobenzene	2.4		2 U	1 U	2 U	2 U	2 U	1 U	3 U	1 U
Pentachlorophenol	18		11 U	9 U	17 U	18 U	11 U	9 U	24 U	10 U
Phenanthrene	2.9		2 U	2 U	3 U	3 U	2 U	2 U	4 U	2 U
Anthracene	2.6		2 U	1 U	2 U	3 U	2 U	1 U	4 U	1 U
Di-n-butylphthalate	2.4		1 U	1 U	2 U	2 U	2 U	1 U	3 U	1 U
Fluoranthene	2.6		2 U	1 U	2 U	3 U	2 U	1 U	4 U	1 U
Pyrene	3		2 U	2 U	3 U	3 U	2 U	2 U	4 U	2 U
Butylbenzylphthalate	6		4 U	3 U	6 U	6 U	4 U	3 U	8 U	3 U
3,3'-Dichlorobenzidine	2.5		2 U	1 U	2 U	2 U	2 U	1 U	3 U	1 U
Benzo(a)Anthracene	3.3		2 U	2 U	3 U	3 U	2 U	2 U	4 U	2 U
Chrysene	2		1 U	1 U	2 U	2 U	1 U	1 U	3 U	1 U
bis(2-Ethylhexyl)phthalate	2.8		2 U	3	3 U	3 U	3	1 U	4 U	2 U
Di-n-octylphthalate	2.8		2 U	1 U	3 U	3 U	2 U	1 U	4 U	2 U
Benzo(b)Fluoranthene	3.9		2 U	2 U	4 U	4 U	2 U	2 U	5 U	2 U
Benzo(k)Fluoranthene	2.8		3 U	2 U	4 U	4 U	3 U	2 U	6 U	2 U
Benzo(a)Pyrene	1.9		1 U	1 U	2 U	2 U	1 U	1 U	3 U	1 U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	B-8	B-9	T-142	T-142	T-143	T-144	T-148	T-151
ISIS ID:	01PZXB8XXX1XX	01PZXB9XXX1XX	01TW142013X1DX	01TW142013X1XX	01TW143013X1XX	01TW144008X1XX	01TW148012X1XX	01TW151009X1XX
LAB NUMBER:	A4029809	A4030106	AS050785	AS050784	AS051023	AS0501022	AS050786	AS051166
DATE SAMPLED:	01/26/94	01/26/94	11/16/93	11/16/93	11/17/93	11/16/93	11/16/93	11/18/93
DATE EXTRACTED:	02/01/94	02/01/94	11/17/93	11/19/93	11/23/93	11/23/93	11/19/93	11/26/93
DATE ANALYZED:	02/06/94	02/11/94	11/22/93	11/22/93	11/30/93	11/30/93	11/22/93	11/30/93

ANALYTE	SW-846.4	CRQL							
Phenol	4	4 U	3 U	6 U	6 U	4 U	3 U	8 U	250 E
bis(2-Chloroethyl)ether	2.6	28	3	28	28	2 U	1 U	4 U	150 E
2-Chlorophenol	9	6 U	5 U	8 U	9 U	6 U	5 U	12 U	5 U
1,3-Dichlorobenzene	4.2	3 U	2 U	4 U	1 U	3 U	2 U	6 U	10 U
1,4-Dichlorobenzene	3.9	2 U	2 U	4 U	4 U	2 U	2 U	5 U	2 U
Benzyl Alcohol	4.5	3 U	2 U	4 U	4 U	3 U	2 U	6 U	3 U
2-Methylphenol	9	6 U	5 U	8 U	9 U	6 U	5 U	12 U	5 U
bis(2-Chloroisopropyl)ether	2.6	2 U	1 U	2 U	3 U	2 U	1 U	4 U	1 U
4-Methylphenol	7.5	5 U	4 U	7 U	8 U	5 U	4 U	10 U	120 E
N-Nitroso-di-n-propylamine	2.1	1 U	1 U	2 U	2 U	1 U	1 U	3 U	1 U
Hexachloroethane	4.8	3 U	2 U	4 U	5 U	3 U	3 U	6 U	3 U
Nitrobenzene	2.3	1 U	1 U	2 U	2 U	1 U	1 U	3 U	1 U
Isophorone	2.2	1 U	1 U	2 U	2 U	1 U	1 U	3 U	1 U
2-Nitrophenol	9.3	6 U	5 U	9 U	9 U	6 U	5 U	13 U	5 U
2,4-Dimethylphenol	6.6	4 U	3 U	6 U	7 U	4 U	3 U	9 U	4 U
Benzoic Acid	18	11 U	10 U	17 U	18 U	12 U	10 U	25 U	10 U
bis(2-Chloroethoxy)methane	2	1 U	1 U	2 U	2 U	1 U	1 U	3 U	1 U
2,4-Dichlorophenol	8.4	5 U	4 U	8 U	8 U	5 U	4 U	11 U	5 U
1,2,4-Trichlorobenzene	4.2	3 U	2 U	4 U	4 U	3 U	2 U	6 U	110 E
Naphthalene	2.7	2 U	1 U	3 U	3 U	2 U	1 U	4 U	0.8 J
4-Chloroaniline	3.6	22	1 J	3 U	4 U	2 U	2 U	5 U	2 U
Hexachlorobutadiene	5.1	3 U	3 U	5 U	5 U	3 U	3 U	7 U	3 U
4-Chloro-3-Methylphenol	6.9	4 U	4 U	6 U	7 U	4 U	4 U	9 U	4 U
2-Methylnaphthalene	3.3	2 U	2 U	3 U	3 U	1 J	2 U	4 U	2 U
Hexachlorocyclopentadiene	2.6	2 U	1 U	2 U	3 U	2 U	1 U	4 U	1 U
2,4,6-Trichlorophenol	12	8 U	6 U	11 U	12 U	8 U	6 U	17 U	7 U
2,4,5-Trichlorophenol	7.5	5 U	4 U	7 U	8 U	5 U	4 U	10 U	4 U
2-Chloronaphthalene	2.5	2 U	1 U	2 U	2 U	2 U	1 U	3 U	1 U
2-Nitroaniline	1.8	1 U	1 U	2 U	2 U	1 U	0.9 U	2 U	1 U
Dimethylphthalate	8.1	5 U	4 U	8 U	8 U	5 U	4 U	11 U	5 U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

	LOCATION:	PZ-108	B-10	B-11	B-14	B-15	B-16	B-17	B-8
ISIS ID:	01PZ108XXXX1XX	01PZB10XXXX1XX	01PZB11XXXX1XX	01PZB14XXXX1XX	01PZB15XXXX1XX	01PZB16XXXX1XX	01PZB17XXXX1XX	01PZXB8XXXX1DX	
LAB NUMBER:	A4024714	A4030101	A4030102	A4029804	A4030103	A4029805	A4029806	A4029808	
DATE SAMPLED:	01/24/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94
DATE EXTRACTED:	01/28/94	02/01/94	02/01/94	02/01/94	02/01/94	02/01/94	02/01/94	02/16/94	02/01/94
DATE ANALYZED:	02/02/94	02/10/94	02/10/94	02/06/94	02/10/94	02/06/94	02/17/94	02/06/94	

ANALYTE	SW-846.4	CRQL							
Indeno(1,2,3-c,d)Pyrene	1.9	1 U	1 U	1 U	1 U	1 U	1 U	22 U	1 U
Dibenz(a,h)Anthracene	2.1	1 U	1 U	1 U	1 U	1 U	1 U	24 U	1 U
Benzo(g,h,i)perylene	2.6	2 U	1 U	1 U	1 U	2 U	2 U	29 U	2 U
3-Chloropyridine	10	2 J	1 U	50	190 D	610 D	4500 D	18000 D	1000 D
4-Chloropyridine	10	6 U	5 U	6 U	5 U	6 U	6 U	250	6 U
p-Fluoroaniline	20	6 U	3 J	7	180 D	63	130 D	28 J	310 D
2,6-Dichloropyridine	10	18	93 D	150 D	1000 D	1000 D	6000 D	26000 D	5300 D
2-Chloropyridine	10	47	1100 D	1400 D	22000 D	11000 D	16000 D	280000 D	120000 D
Pyridine	10	0.4 J	24	70	0.6 J	570 D	6500 D	98000 D	2 J

Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	20.0	1.00
Sample Volume\Weight (ml\g):	800	970	900	1000	820	800	900	800	
Associated Method Blank:	14740W.MSO	16532Y.MSO	16532Y.MSO	14714W.MSO	16532Y.MSO	14714W.MSO	14827W.MSO	14714W.MSO	
Associated Equipment Blank:	01QSX15XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX17XXXX1XX	01QSX18XXXX1XX	01QSX17XXXX1XX	01QSX17XXXX1XX	01QSX17XXXX1XX	
Associated Field Blank:	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	PZ-108	B-10	B-11	B-14	B-15	B-16	B-17	B-8
ISIS ID:	01PZ108XXXX1XX	01PZB10XXXX1XX	01PZB11XXXX1XX	01PZB14XXXX1XX	01PZB15XXXX1XX	01PZB16XXXX1XX	01PZB17XXXX1XX	01PZXB8XXXX1DX
LAB NUMBER:	A4024714	A4030101	A4030102	A4029804	A4030103	A4029805	A4029806	A4029808
DATE SAMPLED:	01/24/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94
DATE EXTRACTED:	01/28/94	02/01/94	02/01/94	02/01/94	02/01/94	02/01/94	02/16/94	02/01/94
DATE ANALYZED:	02/02/94	02/10/94	02/10/94	02/06/94	02/10/94	02/06/94	02/17/94	02/06/94

ANALYTE	SW-846.4	CRQL								
2,6-Dinitrotoluene	2		1 U	1 U	1 U	1 U	1 U	1 U	22 U	1 U
3-Nitroaniline	1.3		0.8 U	0.7 U	0.7 U	0.6 U	0.8 U	0.8 U	14 U	0.8 U
Acenaphthene	2.9		2 U	2 U	2 U	1 U	7	2 U	33 U	2 U
2,4-Dinitrophenol	11		7 U	6 U	6 U	6 U	7 U	7 U	120 U	7 U
4-Nitrophenol	8.7		5 U	4 U	5 U	4 U	5 U	5 U	97 U	5 U
Dibenzofuran	2		1 U	1 U	1 U	1 U	3	1 U	22 U	1 U
2,4-Dinitrotoluene	2.2		1 U	1 U	1 U	1 U	1 U	1 U	24 U	1 U
Diethylphthalate	3.9		2 U	2 U	2 U	2 U	2 U	2 U	43 U	2 U
4-Chlorophenyl-phenylether	2.3		1 U	1 U	1 U	1 U	1 U	1 U	26 U	1 U
Fluorene	2.7		2 U	1 U	2 U	1 U	6	2 U	30 U	2 U
4-Nitroaniline	2.4		1 U	1 U	1 U	1 U	1 U	1 U	26 U	1 U
4,6-Dinitro-2-methylphenol	19		12 U	10 U	10 U	9 U	12 U	12 U	210 U	12 U
N-Nitrosodiphenylamine	2.1		1 U	1 U	1 U	1 U	1 U	1 U	23 U	1 U
4-Bromophenyl-phenylether	2.5		2 U	1 U	1 U	1 U	2 U	2 U	28 U	2 U
Hexachlorobenzene	2.4		2 U	1 U	1 U	1 U	1 U	2 U	27 U	2 U
Pentachlorophenol	18		11 U	9 U	10 U	9 U	11 U	11 U	200 U	11 U
Phenanthrene	2.9		2 U	1 U	2 U	1 U	11	2 U	32 U	2 U
Anthracene	2.6		2 U	1 U	1 U	1 U	2	2 U	29 U	2 U
Di-n-butylphthalate	2.4		1 U	1 U	1 U	1 U	1 U	1 U	26 U	1 U
Fluoranthene	2.6		2 U	1 U	0.5 J	1 U	2	2 U	29 U	2 U
Pyrene	3		2 U	2 U	2 U	2 U	2 U	2 U	33 U	2 U
Butylbenzylphthalate	6		4 U	3 U	3 U	3 U	4 U	4 U	67 U	4 U
3,3'-Dichlorobenzidine	2.5		2 U	1 U	1 U	1 U	2 U	2 U	27 U	2 U
Benzo(a)Anthracene	3.3		2 U	2 U	2 U	2 U	2 U	2 U	37 U	2 U
Chrysene	2		1 U	1 U	0.4 J	1 U	1 U	1 U	22 U	1 U
bis(2-Ethylhexyl)phthalate	2.8		2	6	15	1	4	26	31 U	0.6 J
Di-n-octylphthalate	2.8		0.4 J	1 U	9	1 U	2 U	2 U	31 U	2 U
Benzo(b)Fluoranthene	3.9		2 U	2 U	2 U	2 U	2 U	2 U	43 U	2 U
Benzo(k)Fluoranthene	2.8		3 U	2 U	2 U	2 U	2 U	3 U	47 U	3 U
Benzo(a)Pyrene	1.9		1 U	1 U	1 U	1 U	1 U	1 U	22 U	1 U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	PZ-108	B-10	B-11	B-14	B-15	B-16	B-17	B-8
ISIS ID:	01PZ108XXXX1XX	01PZB10XXXX1XX	01PZB11XXXX1XX	01PZB14XXXX1XX	01PZB15XXXX1XX	01PZB16XXXX1XX	01PZB17XXXX1XX	01PZXB8XXXX1DX
LAB NUMBER:	A4024714	A4030101	A4030102	A4029804	A4030103	A4029805	A4029806	A4029808
DATE SAMPLED:	01/24/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94
DATE EXTRACTED:	01/28/94	02/01/94	02/01/94	02/01/94	02/01/94	02/01/94	02/16/94	02/01/94
DATE ANALYZED:	02/02/94	02/10/94	02/10/94	02/06/94	02/10/94	02/06/94	02/17/94	02/06/94

ANALYTE	SW-846.4	CRQL														
Phenol	4	4	U	3	U	63	3	U	4	U	4	U	67	U	4	U
bis(2-Chloroethyl)ether	2.6	2	U	14		27	4		64		690		28		6	U
2-Chlorophenol	9	6	U	5	U	5	U		5	U	100	U	100	U	6	U
1,3-Dichlorobenzene	4.2	2	U	2	U	2	U		2	U	40		40		3	U
1,4-Dichlorobenzene	3.9	2	U	2	U	2	U		2	U	43	U	43	U	2	U
Benzyl Alcohol	4.5	3	U	2	U	2	U		3	U	50	U	50	U	3	U
2-Methylphenol	9	6	U	5	U	5	U		4	U	100	U	100	U	6	U
bis(2-Chloroisopropyl)ether	2.6	2	U	1	U	1	U		1	U	2	U	29	U	2	U
4-Methylphenol	7.5	5	U	4	U	4	U		4	U	30		29	J	5	U
N-Nitroso-di-n-propylamine	2.1	1	U	1	U	1	U		1	U	1	U	23	U	1	U
Hexachloroethane	4.8	3	U	2	U	3	U		2	U	3	U	53	U	3	U
Nitrobenzene	2.3	1	U	1	U	1	U		1	U	1	U	25	U	1	U
Isophorone	2.2	1	U	1	U	1	U		1	U	1	U	24	U	1	U
2-Nitrophenol	9.3	6	U	5	U	5	U		5	U	6	U	100	U	6	U
2,4-Dimethylphenol	6.6	4	U	3	U	4	U		3	U	4	U	73	U	4	U
Benzoic Acid	18	11	U	9	U	1	J		9	U	11	U	200	U	1	J
bis(2-Chloroethoxy)methane	2	1	U	1	U	1	U		1	U	1	U	22	U	1	U
2,4-Dichlorophenol	8.4	5	U	4	U	5	U		4	U	5	U	93	U	5	U
1,2,4-Trichlorobenzene	4.2	3	U	2	U	2	U		2	U	3		1400		3	U
Naphthalene	2.7	2	U	1	U	2	U		1	U	1	J	30	U	2	U
4-Chloroaniline	3.6	2	U	2	U	2			5		13		19		26	J
Hexachlorobutadiene	5.1	3	U	3	U	3	U		2	U	3	U	57	U	3	U
4-Chloro-3-Methylphenol	6.9	4	U	4	U	4	U		3	U	4	U	77	U	4	U
2-Methylnaphthalene	3.3	2	U	2	U	2	U		2	U	0.9	J	37	U	2	U
Hexachlorocyclopentadiene	2.6	2	U	1	U	1	U		1	U	2	U	29	U	2	U
2,4,6-Trichlorophenol	12	8	U	6	U	7	U		6	U	8	U	140	U	8	U
2,4,5-Trichlorophenol	7.5	5	U	4	U	4	U		4	U	4	U	83	U	5	U
2-Chloronaphthalene	2.5	2	U	1	U	1	U		1	U	2	U	28	U	2	U
2-Nitroaniline	1.8	1	U	0.9	U	1	U		0.9	U	1	U	20	U	1	U
Dimethylphthalate	8.1	5	U	4	U	4	U		4	U	5	U	90	U	5	U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

	LOCATION:	MW-3	PZ-101	PZ-102	PZ-103	PZ-104	PZ-105	PZ-106	PZ-107
	ISIS ID:	01MWXX3XXXX1XX	01PZ101XXXX1XX	01PZ102XXXX1XX	01PZ103XXXX1XX	01PZ104XXXX1XX	01PZ105XXXX1XX	01PZ106XXXX1XX	01PZ107XXXX1XX
	LAB NUMBER:	A4020908	A4024712	A4039502	A4036205	A4036206	A4024713	A4024715	A4030603
	DATE SAMPLED:	01/19/94	01/24/94	02/03/94	02/01/94	02/01/94	01/24/94	01/24/94	01/27/94
	DATE EXTRACTED:	01/25/94	01/28/94	02/07/94	02/03/94	02/03/94	01/28/94	01/28/94	02/02/94
	DATE ANALYZED:	01/27/94	02/01/94	02/13/94	02/08/94	02/08/94	02/02/94	02/02/94	02/10/94
ANALYTE	SW-846.4	CRQL							
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Indeno(1,2,3-c,d)Pyrene	1.9		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)Anthracene	2.1		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	2.6		1 U	1 U	1 U	1 U	1 U	1 U	1 U
3-Chloropyridine	10		5 U	110 D	1300 D	2100 D	220 D	7900 D	6400 D
4-Chloropyridine	10		5 U	6 U	10	5 U	0.3 J	6 U	40 D
p-Fluoroaniline	20		5 U	560 D	570 D	1200 D	75	880 D	6 U
2,6-Dichloropyridine	10		5 U	820 D	4300 D	8400 D	1000 DJ	8600 D	14000 D
2-Chloropyridine	10		4 J	26000 D	50000 D	15000 D	7800 D	150000 D	86000 D
Pyridine	10		5 U	6	1800 D	800 D	38	20000 D	8100 D
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Sample Volume\Weight (ml\g):	950	900	900	950	1000	900	900	900
	Associated Method Blank:	17279Z.MSO	14740W.MSO	14768W.MSO	16523Y.MSO	16523Y.MSO	14740W.MSO	14740W.MSO	17407Z.MSO
	Associated Equipment Blank:	01QSX12XXXX1XX	01QSX15XXXX1XX	01QSX19XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX15XXXX1XX	01QSX15XXXX1XX	01QSX18XXXX1XX
	Associated Field Blank:	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	MW-3	PZ-101	PZ-102	PZ-103	PZ-104	PZ-105	PZ-106	PZ-107
ISIS ID:	01MWXX3XXXX1XX	01PZ101XXXX1XX	01PZ102XXXX1XX	01PZ103XXXX1XX	01PZ104XXXX1XX	01PZ105XXXX1XX	01PZ106XXXX1XX	01PZ107XXXX1XX
LAB NUMBER:	A4020908	A4024712	A4039502	A4036205	A4036206	A4024713	A4024715	A4030603
DATE SAMPLED:	01/19/94	01/24/94	02/03/94	02/01/94	02/01/94	01/24/94	01/24/94	01/27/94
DATE EXTRACTED:	01/25/94	01/28/94	02/07/94	02/03/94	02/03/94	01/28/94	01/28/94	02/02/94
DATE ANALYZED:	01/27/94	02/01/94	02/13/94	02/08/94	02/08/94	02/02/94	02/02/94	02/10/94

ANALYTE	SW-846.4	CRQL								
2,6-Dinitrotoluene	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
3-Nitroaniline	1.3		0.7 U	0.7 U	0.7 U	0.7 U	0.6 U	0.7 U	0.7 U	0.7 U
Acenaphthene	2.9		2 U	2 U	2 U	2 U	1 U	2 U	2 U	2 U
2,4-Dinitrophenol	11		6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
4-Nitrophenol	8.7		4 U	5 U	5 U	4 U	4 U	5 U	5 U	5 U
Dibenzofuran	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dinitrotoluene	2.2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	3.9		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl-phenylether	2.3		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	2.7		1 U	2 U	2 U	1 U	1 U	2 U	2 U	2 U
4-Nitroaniline	2.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4,6-Dinitro-2-methylphenol	19		10 U	10 U	10 U	10 U	9 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	2.1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Bromophenyl-phenylether	2.5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	2.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	18		9 U	10 U	10 U	9 U	9 U	10 U	10 U	10 U
Phenanthrene	2.9		2 U	2 U	2 U	2 U	1 U	2 U	2 U	2 U
Anthracene	2.6		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butylphthalate	2.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	2.6		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	3		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Butylbenzylphthalate	6		3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
3,3'-Dichlorobenzidine	2.5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)Anthracene	3.3		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chrysene	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	2.8		1 U	4	2 U	6	4	7	24	3
Di-n-octylphthalate	2.8		1 U	2 U	2 U	1 U	1 U	2 U	2 U	2 U
Benzo(b)Fluoranthene	3.9		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(k)Fluoranthene	2.8		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(a)Pyrene	1.9		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	MW-3	PZ-101	PZ-102	PZ-103	PZ-104	PZ-105	PZ-106	PZ-107
ISIS ID:	01MWWX3XXXX1XX	01PZ101XXXX1XX	01PZ102XXXX1XX	01PZ103XXXX1XX	01PZ104XXXX1XX	01PZ105XXXX1XX	01PZ106XXXX1XX	01PZ107XXXX1XX
LAB NUMBER:	A4020908	A4024712	A4039502	A4036205	A4036206	A4024713	A4024715	A4030603
DATE SAMPLED:	01/19/94	01/24/94	02/03/94	02/01/94	02/01/94	01/24/94	01/24/94	01/27/94
DATE EXTRACTED:	01/25/94	01/28/94	02/07/94	02/03/94	02/03/94	01/28/94	01/28/94	02/02/94
DATE ANALYZED:	01/27/94	02/01/94	02/13/94	02/08/94	02/08/94	02/02/94	02/02/94	02/10/94

ANALYTE	SW-846.4	CRQL	MW-3	PZ-101	PZ-102	PZ-103	PZ-104	PZ-105	PZ-106	PZ-107
Phenol		4	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
bis(2-Chloroethyl)ether	2.6		1 U	1	56	150 D	10	80 D	680 D	330 D
2-Chlorophenol	9		5 U	4 J	5 U	5 U	0.4 J	5 U	5 U	5 U
1,3-Dichlorobenzene	4.2		1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	3.9		2 U	2 U	34	2 U	2 U	2 U	2 U	2 U
Benzyl Alcohol	4.5		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Methylphenol	9		5 U	5 U	9	5 U	4 U	5 U	5 U	5 U
bis(2-Chloroisopropyl)ether	2.6		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	7.5		4 U	4 U	17	4 U	4 U	4 U	4 U	4 U
N-Nitroso-di-n-propylamine	2.1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachloroethane	4.8		2 U	3 U	3 U	2 U	2 U	3 U	260 D	4
Nitrobenzene	2.3		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	2.2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitrophenol	9.3		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	6.6		3 U	4 U	4 U	3 U	3 U	4 U	4 U	4 U
Benzoic Acid	18		10 U	10 U	22 DJ	73 DJ	9 U	240 D	170 D	10 U
bis(2-Chloroethoxy)methane	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dichlorophenol	8.4		4 U	5 U	5 U	4 U	4 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	4.2		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Naphthalene	2.7		1 U	2 U	2 U	1 U	1 U	2 U	2 U	2 U
4-Chloroaniline	3.6		2 U	42	120 D	310 D	7	21	2 U	4
Hexachlorobutadiene	5.1		3 U	3 U	3 U	3 U	2 U	3 U	3	3 U
4-Chloro-3-Methylphenol	6.9		4 U	4 U	4 U	4 U	3 U	4 U	4 U	4 U
2-Methylnaphthalene	3.3		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	2.6		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,6-Trichlorophenol	12		6 U	7 U	7 U	6 U	6 U	7 U	7 U	7 U
2,4,5-Trichlorophenol	7.5		4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
2-Chloronaphthalene	2.5		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	1.8		1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U
Dimethylphthalate	8.1		4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	S-4	W-1	W-1	W-2	W-3	W-4	W-5	MW-2
ISIS ID:	01MwXS4XXXX1XX	01MwXW1XXXX1DX	01MwXW1XXXX1XX	01MwXW2XXXX1XX	01MwXW3XXXX1XX	01MwXW4XXXX1XX	01MwXW5XXXX1XX	01MwXW2XXXX1XX
LAB NUMBER:	A4022704	A4020901FD	A4020901	A4021704	A4020903	A4021705	A4021706	A4020909
DATE SAMPLED:	01/21/94	01/18/94	01/18/94	01/20/94	01/18/94	01/20/94	01/20/94	01/19/94
DATE EXTRACTED:	01/26/94	01/25/94	01/25/94	01/25/94	01/25/94	01/25/94	01/25/94	01/25/94
DATE ANALYZED:	01/28/94	02/05/94	02/02/94	01/26/94	01/27/94	01/26/94	01/29/94	01/27/94

ANALYTE	SW-846.4	CRQL								
Indeno(1,2,3-c,d)Pyrene	1.9	1 U	5 U	5 U	1 U	1 U	1 U	24 U	1 U	1 U
Dibenz(a,h)Anthracene	2.1	2 U	6 U	6 U	1 U	1 U	1 U	27 U	1 U	1 U
Benzo(g,h,i)perylene	2.6	2 U	7 U	7 U	1 U	1 U	2 U	33 U	1 U	1 U
3-Chloropyridine	10	60	28 U	28 U	6 U	15	3 J	1500	5 U	5 U
4-Chloropyridine	10	7 U	28 U	28 U	6 U	5 U	6 U	10 J	5 U	5 U
p-Fluoroaniline	20	1 J	28 U	28 U	18	5	340 D	920	5 U	5 U
2,6-Dichloropyridine	10	160 D	240	230	240 D	82 D	400 D	44000 D	5 U	5 U
2-Chloropyridine	10	1100 D	230	220	450 D	580 D	850 D	400000 D	0.9 J	5 U
Pyridine	10	3 J	28 U	28 U	0.2 J	5 U	0.08 J	52 J	5 U	5 U

Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	20.0	1.00
Sample Volume\Weight (ml\g):	700	900	900	900	940	800	800	800	950
Associated Method Blank:	14618W.MSO	17279Z.MSO	17279Z.MSO	14588W.MSO	17279Z.MSO	14588W.MSO	14588W.MSO	17279Z.MSO	17279Z.MSO
Associated Equipment Blank:	01QsX13XXXX1XX	01QsX13XXXX1XX	01QsX13XXXX1XX	01QsX13XXXX1XX	01QsX12XXXX1XX	01QsX13XXXX1XX	01QsX13XXXX1XX	01QsX13XXXX1XX	01QsX12XXXX1XX
Associated Field Blank:	01QdXX4XXXX1XX	01QdXX4XXXX1XX	01QdXX4XXXX1XX	01QdXX4XXXX1XX	01QdXX4XXXX1XX	01QdXX4XXXX1XX	01QdXX4XXXX1XX	01QdXX4XXXX1XX	01QdXX4XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

	LOCATION:	S-4	W-1	W-1	W-2	W-3	W-4	W-5	MW-2
	ISIS ID:	01MWS4XXXX1XX	01MXXW1XXXX1DX	01MXXW1XXXX1XX	01MXXW2XXXX1XX	01MXXW3XXXX1XX	01MXXW4XXXX1XX	01MXXW5XXXX1XX	01MXXW2XXXX1XX
	LAB NUMBER:	A4022704	A4020901FD	A4020901	A4021704	A4020903	A4021705	A4021706	A4020909
	DATE SAMPLED:	01/21/94	01/18/94	01/18/94	01/20/94	01/18/94	01/20/94	01/20/94	01/19/94
	DATE EXTRACTED:	01/26/94	01/25/94	01/25/94	01/25/94	01/25/94	01/25/94	01/25/94	01/25/94
	DATE ANALYZED:	01/28/94	02/05/94	02/02/94	01/26/94	01/27/94	01/26/94	01/29/94	01/27/94
ANALYTE	SW-846.4	CRQL							
2,6-Dinitrotoluene	2	1 U	6 U	6 U	1 U	1 U	1 U	25 U	1 U
3-Nitroaniline	1.3	0.9 U	4 U	4 U	0.7 U	0.7 U	0.8 U	16 U	0.7 U
Acenaphthene	2.9	2 U	8 U	8 U	2 U	2 U	2 U	37 U	2 U
2,4-Dinitrophenol	11	8 U	31 U	31 U	6 U	6 U	7 U	140 U	6 U
4-Nitrophenol	8.7	6 U	24 U	24 U	5 U	5 U	5 U	110 U	4 U
Dibenzofuran	2	1 U	6 U	6 U	1 U	1 U	1 U	25 U	1 U
2,4-Dinitrotoluene	2.2	2 U	6 U	6 U	1 U	1 U	1 U	28 U	1 U
Diethylphthalate	3.9	3 U	11 U	11 U	2 U	2 U	2 U	49 U	2 U
Chlorophenyl-phenylether	2.3	2 U	6 U	6 U	1 U	1 U	1 U	29 U	1 U
luorene	2.7	2 U	8 U	8 U	2 U	1 U	2 U	34 U	1 U
-Nitroaniline	2.4	2 U	6 U	6 U	1 U	1 U	1 U	30 U	1 U
4,6-Dinitro-2-methylphenol	19	14 U	52 U	52 U	10 U	10 U	12 U	240 U	10 U
N-Nitrosodiphenylamine	2.1	2 U	6 U	6 U	1 U	1 U	1 U	26 U	1 U
4-Bromophenyl-phenylether	2.5	2 U	7 U	7 U	1 U	1 U	2 U	32 U	1 U
Hexachlorobenzene	2.4	2 U	7 U	7 U	1 U	1 U	2 U	30 U	1 U
Pentachlorophenol	18	13 U	50 U	50 U	10 U	10 U	11 U	220 U	9 U
Phenanthrene	2.9	2 U	8 U	8 U	0.5 J	2 U	2 U	36 U	2 U
Anthracene	2.6	2 U	7 U	7 U	1 U	1 U	2 U	32 U	1 U
Di-n-butylphthalate	2.4	2 U	6 U	6 U	1 U	1 U	1 U	30 U	1 U
Fluoranthene	2.6	2 U	7 U	7 U	1 U	1 U	2 U	33 U	1 U
Pyrene	3	2 U	8 U	8 U	2 U	2 U	2 U	38 U	2 U
Butylbenzylphthalate	6	4 U	7 U	17 U	3 U	3 U	4 U	75 U	3 U
3,3'-Dichlorobenzidine	2.5	2 U	17 U	7 U	1 U	1 U	2 U	31 U	1 U
Benzo(a)Anthracene	3.3	2 U	9 U	9 U	2 U	2 U	2 U	41 U	2 U
Chrysene	2	1 U	6 U	6 U	1 U	1 U	1 U	25 U	1 U
bis(2-Ethylhexyl)phthalate	2.8	2 U	8 U	8 U	2 U	2 U	2 U	340	2
Di-n-octylphthalate	2.8	2 U	8 U	8 U	2 U	2 U	2 U	35 U	1 U
Benzo(b)Fluoranthene	3.9	3 U	8 U	11 U	2 U	2 U	2 U	49 U	2 U
Benzo(k)Fluoranthene	2.8	3 U	12 U	12 U	2 U	2 U	3 U	52 U	2 U
Benzo(a)Pyrene	1.9	1 U	5 U	5 U	1 U	1 U	1 U	24 U	1 U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	S-4	W-1	W-1	W-2	W-3	W-4	W-5	MW-2
ISIS ID:	01MWXS4XXXX1XX	01MWXW1XXXX1DX	01MWXW1XXXX1XX	01MWXW2XXXX1XX	01MWXW3XXXX1XX	01MWXW4XXXX1XX	01MWXW5XXXX1XX	01MWXW2XXXX1XX
LAB NUMBER:	A4022704	A4020901FD	A4020901	A4021704	A4020903	A4021705	A4021706	A4020909
DATE SAMPLED:	01/21/94	01/18/94	01/18/94	01/20/94	01/18/94	01/20/94	01/20/94	01/19/94
DATE EXTRACTED:	01/26/94	01/25/94	01/25/94	01/25/94	01/25/94	01/25/94	01/25/94	01/25/94
DATE ANALYZED:	01/28/94	02/05/94	02/02/94	01/26/94	01/27/94	01/26/94	01/29/94	01/27/94

ANALYTE	SW-846.4	CRQL															
Phenol	4	4	U	17	U	17	U	3	U	3	U	4	U	75	U	3	U
bis(2-Chloroethyl)ether	2.6	37		19		18		16		1		2		73		1	
2-Chlorophenol	9	6	U	25	U	25	U	5	U	5	U	6	U	110	U	5	U
1,3-Dichlorobenzene	4.2	3	U	12	U	12	U	2	U	2	U	3	U	52	U	2	U
1,4-Dichlorobenzene	3.9	3	U	11	U	11	U	2	U	2	U	4		77		2	U
Benzyl Alcohol	4.5	3	U	12	U	12	U	2	U	2	U	3	U	56	U	2	U
2-Methylphenol	9	6	U	25	U	25	U	5	U	5	U	6	U	110	U	5	U
bis(2-Chloroisopropyl)ether	2.6	2	U	7	U	7	U	1	U	1	U	2	U	33	U	1	U
4-Methylphenol	7.5	5	U	21	U	21	U	4	U	4	U	58		84	J	4	U
N-Nitroso-di-n-propylamine	2.1	2	U	6	U	6	U	1	U	1	U	1	U	26	U	1	U
Hexachloroethane	4.8	3	U	13	U	13	U	3	U	2	U	3	U	60	U	2	U
Nitrobenzene	2.3	2	U	6	U	6	U	1	U	1	U	1	U	28	U	1	U
Isophorone	2.2	2	U	6	U	6	U	1	U	1	U	1	U	27	U	1	U
2-Nitrophenol	9.3	7	U	26	U	26	U	5	U	5	U	6	U	120	U	5	U
2,4-Dimethylphenol	6.6	5	U	18	U	18	U	4	U	4	U	0.8	J	82	U	3	U
Benzoic Acid	18	0.7	J	51	U	51	U	2	J	10	U	11	U	48	J	10	U
bis(2-Chloroethoxy)methane	2	1	U	5	U	5	U	1	U	1	U	1	U	24	U	1	U
2,4-Dichlorophenol	8.4	6	U	23	U	23	U	5	U	4	U	5	U	100	U	4	U
1,2,4-Trichlorobenzene	4.2	3	U	12	U	12	U	2	U	2	U	3	U	52	U	2	U
Naphthalene	2.7	2	U	6	J	5	J	2	U	1	U	2	U	34	U	1	U
4-Chloroaniline	3.6	2		10	U	10	U	2	U	2	U	11		170		2	U
Hexachlorobutadiene	5.1	4	U	14	U	14	U	3	U	3	U	3	U	64	U	3	U
4-Chloro-3-Methylphenol	6.9	5	U	19	U	19	U	4	U	4	U	4	U	86	U	4	U
2-Methylnaphthalene	3.3	2	U	33		46		2	U	2	U	2	U	41	U	2	U
Hexachlorocyclopentadiene	2.6	2	U	7	U	7	U	1	U	1	U	2	U	32	U	1	U
2,4,6-Trichlorophenol	12	9	U	34	U	34	U	7	U	6	U	8	U	150	U	6	U
2,4,5-Trichlorophenol	7.5	5	U	21	U	21	U	4	U	4	U	5	U	94	U	4	U
2-Chloronaphthalene	2.5	2	U	7	U	7	U	1	U	1	U	2	U	32	U	1	U
2-Nitroaniline	1.8	1	U	5	U	5	U	1	U	1	U	1	U	23	U	1	U
Dimethylphthalate	8.1	6	U	22	U	22	U	4	U	4	U	5	U	100	U	4	U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	MW-G9	N-1	N-1	N-2	N-3	S-1	S-2	S-3
ISIS ID:	01MWXG9XXXX1XX	01MWXN1XXXX1DX	01MWXN1XXXX1XX	01MWXN2XXXX1XX	01MWXN3XXXX1XX	01MWXS1XXXX1XX	01MWXS2XXXX1XX	01MWXS3XXXX1XX
LAB NUMBER:	A4020902	A4024704FD	A4024704	A4022705	A4026706	A4022706	A4021703	A4020904
DATE SAMPLED:	01/18/94	01/24/94	01/24/94	01/21/94	01/25/94	01/20/94	01/20/94	01/19/94
DATE EXTRACTED:	01/25/94	01/28/94	01/28/94	01/26/94	01/31/94	01/26/94	01/25/94	01/25/94
DATE ANALYZED:	01/27/94	02/01/94	02/01/94	01/28/94	02/03/94	01/28/94	01/26/94	01/27/94

ANALYTE	SW-846.4	CRQL							
Indeno(1,2,3-c,d)Pyrene	1.9	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
Dibenz(a,h)Anthracene	2.1	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
Benzo(g,h,i)perylene	2.6	2 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
3-Chloropyridine	10	6 U	6 U	6 U	8 U	6 U	22	7700 D	330 D
4-Chloropyridine	10	6 U	6 U	6 U	8 U	6 U	8 U	200 D	4 J
2-Fluoroaniline	20	6 U	6 U	6 U	8 U	6 U	52	92 D	46
2,6-Dichloropyridine	10	6 U	9	10	8 U	6 U	410 DJ	7300 D	780 D
2-Chloropyridine	10	6 U	4 J	5 J	2 J	0.9 J	10000 D	13000 D	5400 D
Pyridine	10	6 U	6 U	6 U	8 U	6 U	8 U		210 D

Sample V	Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ght (ml/g):	790	900	900	650	900	600	900	900

Associated Method Blank:	17279Z.MSO	14740W.MSO	14740W.MSO	14618W.MSO	17341Z.MSO	14618W.MSO	14588W.MSO	17279Z.MSO
Associated Equipment Blank:	01QSX12XXXX1XX	01QSX15XXXX1XX	01QSX15XXXX1XX	01QSX13XXXX1XX	01QSX16XXXX1XX	01QSX13XXXX1XX	01QSX13XXXX1XX	01QSX13XXXX1XX
Associated Field Blank:	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	MW-G9	N-1	N-1	N-2	N-3	S-1	S-2	S-3
ISIS ID:	01MWXG9XXXX1XX	01MWXN1XXXX1DX	01MWXN1XXXX1XX	01MWXN2XXXX1XX	01MWXN3XXXX1XX	01MWXS1XXXX1XX	01MWXS2XXXX1XX	01MWXS3XXXX1XX
LAB NUMBER:	A4020902	A4024704FD	A4024704	A4022705	A4026706	A4022706	A4021703	A4020904
DATE SAMPLED:	01/18/94	01/24/94	01/24/94	01/21/94	01/25/94	01/20/94	01/20/94	01/19/94
DATE EXTRACTED:	01/25/94	01/28/94	01/28/94	01/26/94	01/31/94	01/26/94	01/25/94	01/25/94
DATE ANALYZED:	01/27/94	02/01/94	02/01/94	01/28/94	02/03/94	01/28/94	01/26/94	01/27/94

ANALYTE	SW-846.4	CRQL								
2,6-Dinitrotoluene		2	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
3-Nitroaniline	1.3	0.8 U	0.7 U	0.7 U	0.7 U	1 U	0.7 U	1 U	0.7 U	0.7 U
Acenaphthene	2.9	6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	11	7 U	6 U	6 U	6 U	8 U	6 U	9 U	6 U	6 U
4-Nitrophenol	8.7	6 U	5 U	5 U	5 U	7 U	5 U	7 U	5 U	5 U
Dibenzofuran	2	3	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
2,4-Dinitrotoluene	2.2	1 U	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
Diethylphthalate	3.9	2 U	2 U	2 U	2 U	3 U	2 U	3 U	2 U	2 U
4-Chlorophenyl-phenylether	2.3	1 U	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
Fluorene	2.7	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitroaniline	2.4	2 U	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
4,6-Dinitro-2-methylphenol	19	12 U	10 U	10 U	10 U	14 U	10 U	16 U	10 U	10 U
N-Nitrosodiphenylamine	2.1	1 U	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
4-Bromophenyl-phenylether	2.5	2 U	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
Hexachlorobenzene	2.4	2 U	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
Pentachlorophenol	18	11 U	10 U	10 U	10 U	14 U	10 U	15 U	10 U	10 U
Phenanthrene	2.9	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Anthracene	2.6	2 U	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
Di-n-butylphthalate	2.4	2 U	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
Fluoranthene	2.6	2 U	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
Pyrene	3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Butylbenzylphthalate	6	4 U	3 U	3 U	3 U	5 U	3 U	5 U	3 U	3 U
3,3'-Dichlorobenzidine	2.5	2 U	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
Benzo(a)Anthracene	3.3	2 U	2 U	2 U	2 U	2 U	2 U	3 U	2 U	2 U
Chrysene	2	1 U	1 U	1 U	1 U	2 U	1 U	2 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	2.8	2	1 J	0.7 J	0.7 J	2 U	1 J	2 U	2 U	2 U
Di-n-octylphthalate	2.8	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(b)Fluoranthene	3.9	2 U	2 U	2 U	2 U	3 U	2 U	3 U	2 U	2 U
Benzo(k)Fluoranthene	2.8	3 U	2 U	2 U	2 U	3 U	2 U	4 U	2 U	2 U
Benzo(a)Pyrene	1.9	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	MW-G9	N-1	N-1	N-2	N-3	S-1	S-2	S-3
ISIS ID:	01MWXG9XXXX1XX	01MWXN1XXXX1DX	01MWXN1XXXX1XX	01MWXN2XXXX1XX	01MWXN3XXXX1XX	01MWXS1XXXX1XX	01MWXS2XXXX1XX	01MWXS3XXXX1XX
LAB NUMBER:	A4020902	A4024704FD	A4024704	A4022705	A4026706	A4022706	A4021703	A4020904
DATE SAMPLED:	01/18/94	01/24/94	01/24/94	01/21/94	01/25/94	01/20/94	01/20/94	01/19/94
DATE EXTRACTED:	01/25/94	01/28/94	01/28/94	01/26/94	01/31/94	01/26/94	01/25/94	01/25/94
DATE ANALYZED:	01/27/94	02/01/94	02/01/94	01/28/94	02/03/94	01/28/94	01/26/94	01/27/94

ANALYTE	SW-846.4	CRQL							
Phenol	4	4	U	3	U	3	U	5	U
bis(2-Chloroethyl)ether	2.6	2	U	1	U	1	U	2	U
2-Chlorophenol	9	6	U	5	U	5	U	7	U
1,3-Dichlorobenzene	4.2	3	U	2	U	2	U	3	U
1,4-Dichlorobenzene	3.9	2	U	2	U	2	U	3	U
Benzyl Alcohol	4.5	3	U	2	U	2	U	3	U
2-Methylphenol	9	6	U	5	U	5	U	7	U
bis(2-Chloroisopropyl)ether	2.6	2	U	1	U	1	U	2	U
4-Methylphenol	7.5	5	U	4	U	4	U	6	U
N-Nitroso-di-n-propylamine	2.1	1	U	1	U	1	U	2	U
Hexachloroethane	4.8	3	U	3	U	3	U	4	U
Nitrobenzene	2.3	1	U	1	U	1	U	2	U
Isophorone	2.2	1	U	1	U	1	U	2	U
2-Nitrophenol	9.3	6	U	5	U	5	U	7	U
2,4-Dimethylphenol	6.6	4	U	4	U	4	U	5	U
Benzoic Acid	18	12	U	10	U	10	U	14	U
bis(2-Chloroethoxy)methane	2	1	U	1	U	1	U	2	U
2,4-Dichlorophenol	8.4	5	U	5	U	5	U	6	U
1,2,4-Trichlorobenzene	4.2	3	U	2	U	2	U	3	U
Naphthalene	2.7	2	U	2	U	2	U	2	U
4-Chloroaniline	3.6	2	U	2	U	2	U	3	U
Hexachlorobutadiene	5.1	3	U	3	U	3	U	4	U
4-Chloro-3-Methylphenol	6.9	4	U	4	U	4	U	5	U
2-Methylnaphthalene	3.3	2	U	2	U	2	U	2	U
Hexachlorocyclopentadiene	2.6	2	U	1	U	1	U	2	U
2,4,6-Trichlorophenol	12	8	U	7	U	7	U	9	U
2,4,5-Trichlorophenol	7.5	5	U	4	U	4	U	6	U
2-Chloronaphthalene	2.5	2	U	1	U	1	U	2	U
2-Nitroaniline	1.8	1	U	1	U	1	U	1	U
Dimethylphthalate	8.1	5	U	4	U	4	U	6	U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

	LOCATION:	C-4	C-5	C-5	E-2	E-3	EC-1	MW-G6	MW-G8	
ISIS ID:		01MXXC4XXXX1XX	01MXXC5XXXX1DX	01MXXC5XXXX1XX	01MXXE2XXXX1XX	01MXXE3XXXX1XX	01MXXECXX1X1XX	01MXXG6XXXX1XX	01MXXG8XXXX1XX	
LAB NUMBER:		A4026708	A4026710	A4026709	A4024711	A4026705	A4024707	A4020911	A4020910	
DATE SAMPLED:		01/25/94	01/25/94	01/25/94	01/24/94	01/25/94	01/24/94	01/19/94	01/19/94	
DATE EXTRACTED:		01/31/94	01/31/94	01/31/94	01/28/94	01/31/94	01/28/94	01/25/94	01/25/94	
DATE ANALYZED:		02/03/94	02/04/94	02/04/94	02/01/94	02/03/94	02/01/94	01/27/94	01/27/94	
ANALYTE	SW-846.4	CRQL								
Indeno(1,2,3-c,d)Pyrene	1.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)Anthracene	2.1	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	2.6	1 U	2 U	2 U	1 U	1 U	1 U	1 U	2 U	2 U
3-Chloropyridine	10	37	13000 D	9000 DJ	6	5 U	6 U	5 U	6 U	6 U
4-Chloropyridine	10	6 U	230 D	230 D	6 U	5 U	6 U	5 U	6 U	6 U
p-Fluoroaniline	20	290 D	410 D	420 D	6 U	18	6 U	5 U	6 U	6 U
2,6-Dichloropyridine	10	120 D	1700 D	15000 D	17	24	6 U	5 U	6 U	6 U
2-Chloropyridine	10	440 D	170000 D	170000 D	45	62	6 U	5 U	6 U	6 U
Pyridine	10	0.1 J	24000 D	34000 D	6 U	5 U	6 U	5 U	6 U	6 U
=====										
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):		900	800	800	900	990	800	950	850	
Associated Method Blank:		17341Z.MSO	17341Z.MSO	17341Z.MSO	14740W.MSO	17341Z.MSO	14740W.MSO	17279Z.MSO	17279Z.MSO	
Associated Equipment Blank:		01QXX16XXXX1XX	01QXX16XXXX1XX	01QXX16XXXX1XX	01QXX15XXXX1XX	01QXX16XXXX1XX	01QXX15XXXX1XX	01QXX12XXXX1XX	01QXX12XXXX1XX	
Associated Field Blank:		01QXX4XXXX1XX	01QXX4XXXX1XX	01QXX4XXXX1XX	01QXX4XXXX1XX	01QXX4XXXX1XX	01QXX4XXXX1XX	01QXX4XXXX1XX	01QXX4XXXX1XX	

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

	LOCATION:	C-4	C-5	C-5	E-2	E-3	EC-1	MW-G6	MW-G8
	ISIS ID:	01MWXC4XXXX1XX	01MWXC5XXXX1DX	01MWXC5XXXX1XX	01MWXE2XXXX1XX	01MWXE3XXXX1XX	01MWXECXX1X1XX	01MWXG6XXXX1XX	01MWXG8XXXX1XX
	LAB NUMBER:	A4026708	A4026710	A4026709	A4024711	A4026705	A4024707	A4020911	A4020910
	DATE SAMPLED:	01/25/94	01/25/94	01/25/94	01/24/94	01/25/94	01/24/94	01/19/94	01/19/94
	DATE EXTRACTED:	01/31/94	01/31/94	01/31/94	01/28/94	01/31/94	01/28/94	01/25/94	01/25/94
	DATE ANALYZED:	02/03/94	02/04/94	02/04/94	02/01/94	02/03/94	02/01/94	01/27/94	01/27/94
ANALYTE	SW-846.4	CRQL							
2,6-Dinitrotoluene	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U
3-Nitroaniline	1.3		0.7 U	0.8 U	0.8 U	0.7 U	0.6 U	0.8 U	0.8 U
Acenaphthene	2.9		2 U	2 U	2 U	2 U	1 U	2 U	2 U
2,4-Dinitrophenol	11		6 U	7 U	7 U	6 U	6 U	7 U	6 U
4-Nitrophenol	8.7		5 U	5 U	5 U	5 U	4 U	5 U	5 U
Dibenzofuran	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dinitrotoluene	2.2		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	3.9		2 U	2 U	2 U	2 U	2 U	1 U	2 U
4-Chlorophenyl-phenylether	2.3		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	2.7		2 U	2 U	2 U	2 U	1 U	2 U	2 U
4-Nitroaniline	2.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U
4,6-Dinitro-2-methylphenol	19		10 U	12 U	12 U	10 U	10 U	10 U	11 U
N-Nitrosodiphenylamine	2.1		1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Bromophenyl-phenylether	2.5		1 U	2 U	2 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	2.4		1 U	2 U	2 U	1 U	1 U	1 U	1 U
Pentachlorophenol	18		10 U	11 U	11 U	10 U	9 U	11 U	10 U
Phenanthrene	2.9		2 U	2 U	2 U	2 U	1 U	2 U	2 U
Anthracene	2.6		1 U	2 U	2 U	1 U	1 U	2 U	2 U
Di-n-butylphthalate	2.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	2.6		1 U	2 U	2 U	1 U	1 U	1 U	2 U
Pyrene	3		2 U	2 U	2 U	2 U	2 U	2 U	2 U
Butylbenzylphthalate	6		3 U	4 U	4 U	3 U	3 U	3 U	4 U
3,3'-Dichlorobenzidine	2.5		1 U	2 U	2 U	1 U	1 U	2 U	1 U
Benzo(a)Anthracene	3.3		2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chrysene	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	2.8		16	8	9	2	18	3	1 U
Di-n-octylphthalate	2.8		2 U	2 U	2 U	2 U	1 U	2 U	2 U
Benzo(b)Fluoranthene	3.9		2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(k)Fluoranthene	2.8		2 U	3 U	3 U	2 U	2 U	3 U	2 U
Benzo(a)Pyrene	1.9		1 U	1 U	1 U	1 U	1 U	1 U	1 U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	C-4	C-5	C-5	E-2	E-3	EC-1	MW-G6	MW-G8
ISIS ID:	01MWXC4XXXX1XX	01MWXC5XXXX1DX	01MWXC5XXXX1XX	01MWXE2XXXX1XX	01MWXE3XXXX1XX	01MWXECXX1X1XX	01MWXG6XXXX1XX	01MWXG8XXXX1XX
LAB NUMBER:	A4026708	A4026710	A4026709	A4024711	A4026705	A4024707	A4020911	A4020910
DATE SAMPLED:	01/25/94	01/25/94	01/25/94	01/24/94	01/25/94	01/24/94	01/19/94	01/19/94
DATE EXTRACTED:	01/31/94	01/31/94	01/31/94	01/28/94	01/31/94	01/28/94	01/25/94	01/25/94
DATE ANALYZED:	02/03/94	02/04/94	02/04/94	02/01/94	02/03/94	02/01/94	01/27/94	01/27/94

ANALYTE	SW-846.4	CRQL								
Phenol		4	3 U	4 U	4 U	3 U	3 U	4 U	3 U	4 U
bis(2-Chloroethyl)ether	2.6	260 D	240 D	230 D	6	7	2 U	1 U	2 U	
2-Chlorophenol	9	5 U	6 U	6 U	5 U	4 U	6 U	5 U	5 U	
1,3-Dichlorobenzene	4.2	5	3 U	3 U	2 U	2 U	3 U	2 U	1 U	
1,4-Dichlorobenzene	3.9	26	48 DJ	45 DJ	2 U	2 U	2 U	2 U	2 U	
Benzyl Alcohol	4.5	2 U	3 U	3 U	2 U	2 U	3 U	2 U	3 U	
2-Methylphenol	9	5 U	6 U	6 U	5 U	4 U	6 U	5 U	5 U	
bis(2-Chloroisopropyl)ether	2.6	1 U	2 U	2 U	1 U	1 U	2 U	1 U	2 U	
4-Methylphenol	7.5	4 U	5 U	5 U	4 U	4 U	5 U	4 U	4 U	
N-Nitroso-di-n-propylamine	2.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Hexachloroethane	4.8	3 U	3 U	3 U	3 U	2 U	3 U	2 U	3 U	
Nitrobenzene	2.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Isophorone	2.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
2-Nitrophenol	9.3	5 U	6 U	6 U	5 U	5 U	6 U	5 U	5 U	
2,4-Dimethylphenol	6.6	4 U	4 U	4 U	4 U	3 U	4 U	3 U	4 U	
Benzoic Acid	18	10 U	11 U	11 U	10 U	9 U	11 U	10 U	11 U	
bis(2-Chloroethoxy)methane	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
2,4-Dichlorophenol	8.4	5 U	5 U	5 U	5 U	4 U	5 U	4 U	5 U	
1,2,4-Trichlorobenzene	4.2	2 U	1000 D	1000 D	2 U	2 U	3 U	2 U	2 U	
Naphthalene	2.7	2 U	2 U	2 U	2 U	1 U	2 U	1 U	2 U	
4-Chloroaniline	3.6	1200 D	74	65	2 U	2	2 U	2 U	2 U	
Hexachlorobutadiene	5.1	3 U	3 U	3 U	3 U	2 U	3 U	3 U	3 U	
4-Chloro-3-Methylphenol	6.9	4 U	4 U	4 U	4 U	3 U	4 U	4 U	4 U	
2-Methylnaphthalene	3.3	2 U	2 U	2 U	2 U	2 U	2 U	1 J	2 U	
Hexachlorocyclopentadiene	2.6	1 U	2 U	2 U	1 U	1 U	2 U	1 U	2 U	
2,4,6-Trichlorophenol	12	7 U	8 U	8 U	7 U	6 U	8 U	6 U	7 U	
2,4,5-Trichlorophenol	7.5	4 U	5 U	5 U	4 U	4 U	5 U	4 U	4 U	
2-Chloronaphthalene	2.5	1 U	2 U	2 U	1 U	1 U	2 U	1 U	1 U	
2-Nitroaniline	1.8	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	
Dimethylphthalate	8.1	4 U	5 U	5 U	4 U	4 U	5 U	4 U	5 U	

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	BW-105D	BW-105D	BW-105D	BW-105D	BW-105D	C-1	C-2A	C-3
ISIS ID:	01BW105080X1XX	01BW105092X1XX	01BW105097X1XX	01BW105101X1DX	01BW105101X1XX	01MWXC1XXXX1XX	01MWXC2XXAX1XX	01MWXC3XXXX1XX
LAB NUMBER:	A4012705	A4012704	A4012703	A4012702	A4012701	A4026703	A4026711	A4026713
DATE SAMPLED:	01/11/94	01/11/94	01/11/94	01/11/94	01/11/94	01/25/94	01/25/94	01/25/94
DATE EXTRACTED:	01/13/94	01/13/94	01/13/94	01/13/94	01/13/94	01/31/94	01/31/94	01/31/94
DATE ANALYZED:	01/14/94	01/14/94	01/14/94	01/14/94	01/13/94	02/03/94	02/04/94	02/04/94

ANALYTE	SW-846.4	CRQL							
Indeno(1,2,3-c,d)Pyrene	1.9	1 U	1 U	1 U	2 U	2 U	1 U	1 U	1 U
Dibenz(a,h)Anthracene	2.1	2 U	2 U	1 U	2 U	2 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	2.6	2 U	2 U	2 U	3 U	2 U	1 U	1 U	2 U
3-Chloropyridine	10	54	68	66	67	59	2 J	17	6 U
4-Chloropyridine	10	7 U	7 U	6 U	10 U	8 U	1 J	6 U	6 U
p-Fluoroaniline	20	39	55	54	47	47	4 J	7	48
2,6-Dichloropyridine	10	280 D	350 D	320 D	260 D	210 D	33	680 D	57
2-Chloropyridine	10	4600 D	5300 BD	5200 D	4700 BD	4000 D	110 D	510 D	130 D
Pyridine	10	13	32	34	40	42	0.9 J	40	0.7 J
=====									
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	700	680	800	500	600	900	900	800	
Associated Method Blank:	17214Z.MSO	17214Z.MSO	17214Z.MSO	17214Z.MSO	17214Z.MSO	17341Z.MSO	17341Z.MSO	17341Z.MSO	
Associated Equipment Blank:	-	-	-	-	-	01QSX16XXXX1XX	01QSX16XXXX1XX	01QSX16XXXX1XX	
Associated Field Blank:	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	BW-105D	BW-105D	BW-105D	BW-105D	BW-105D	C-1	C-2A	C-3
ISIS ID:	01BW105080X1XX	01BW105092X1XX	01BW105097X1XX	01BW105101X1DX	01BW105101X1XX	01MWXC1XXXX1XX	01MWXC2XXAX1XX	01MWXC3XXXX1XX
LAB NUMBER:	A4012705	A4012704	A4012703	A4012702	A4012701	A4026703	A4026711	A4026713
DATE SAMPLED:	01/11/94	01/11/94	01/11/94	01/11/94	01/11/94	01/25/94	01/25/94	01/25/94
DATE EXTRACTED:	01/13/94	01/13/94	01/13/94	01/13/94	01/13/94	01/31/94	01/31/94	01/31/94
DATE ANALYZED:	01/14/94	01/14/94	01/14/94	01/14/94	01/13/94	02/03/94	02/04/94	02/04/94

ANALYTE	SW-846.4	CRQL								
2,6-Dinitrotoluene	2		1 U	1 U	1 U	2 U	2 U	1 U	1 U	1 U
3-Nitroaniline	1.3	0.9 U	0.9 U	0.9 U	0.8 U	1 U	1 U	0.7 U	0.7 U	0.8 U
Acenaphthene	2.9	2 U	2 U	2 U	2 U	3 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	11	8 U	8 U	8 U	7 U	11 U	9 U	6 U	6 U	7 U
4-Nitrophenol	8.7	6 U	6 U	6 U	5 U	9 U	7 U	5 U	5 U	5 U
Dibenzofuran	2	1 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U	1 U
2,4-Dinitrotoluene	2.2	2 U	2 U	2 U	1 U	2 U	2 U	1 U	1 U	1 U
Diethylphthalate	3.9	3 U	3 U	3 U	2 U	4 U	3 U	2 U	2 U	2 U
4-Chlorophenyl-phenylether	2.3	2 U	2 U	2 U	1 U	2 U	2 U	1 U	1 U	1 U
Fluorene	2.7	2 U	2 U	2 U	2 U	3 U	2 U	2 U	2 U	2 U
4-Nitroaniline	2.4	2 U	2 U	2 U	1 U	2 U	2 U	1 U	1 U	1 U
4,6-Dinitro-2-methylphenol	19	14 U	14 U	14 U	12 U	19 U	16 U	10 U	10 U	12 U
N-Nitrosodiphenylamine	2.1	4 U	4 U	4 U	4 U	2 U	2 U	1 U	1 U	1 U
4-Bromophenyl-phenylether	2.5	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	2 U
Hexachlorobenzene	2.4	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	2 U
Pentachlorophenol	18	13 U	13 U	13 U	11 U	18 U	15 U	10 U	10 U	11 U
Phenanthrene	2.9	2 U	2 U	2 U	2 U	3 U	2 U	2 U	2 U	2 U
Anthracene	2.6	2 U	2 U	2 U	2 U	3 U	2 U	1 U	1 U	2 U
Di-n-butylphthalate	2.4	2 U	2 U	2 U	1 U	2 U	2 U	1 U	1 U	1 U
Fluoranthene	2.6	2 U	2 U	2 U	2 U	3 U	2 U	1 U	1 U	2 U
Pyrene	3	2 U	2 U	2 U	2 U	3 U	2 U	2 U	2 U	2 U
Butylbenzylphthalate	6	4 U	4 U	4 U	4 U	6 U	5 U	3 U	3 U	4 U
3,3'-Dichlorobenzidine	2.5	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	2 U
Benzo(a)Anthracene	3.3	2 U	2 U	2 U	2 U	3 U	3 U	2 U	2 U	2 U
Chrysene	2	1 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	2.8	3 U	2 U	2 U	2 U	3 U	2 U	2 U	1 J	20
Di-n-octylphthalate	2.8	2 U	2 U	2 U	2 U	3 U	2 U	2 U	2 U	2 U
Benzo(b)Fluoranthene	3.9	3 U	3 U	3 U	2 U	4 U	3 U	2 U	2 U	2 U
Benzo(k)Fluoranthene	2.8	3 U	3 U	3 U	3 U	4 U	4 U	2 U	2 U	3 U
Benzo(a)Pyrene	1.9	1 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U	1 U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	BW-105D	BW-105D	BW-105D	BW-105D	BW-105D	C-1	C-2A	C-3
ISIS ID:	01BW105080X1XX	01BW105092X1XX	01BW105097X1XX	01BW105101X1DX	01BW105101X1XX	01MWXC1XXXXX1XX	01MWXC2XXAX1XX	01MWXC3XXXXX1XX
LAB NUMBER:	A4012705	A4012704	A4012703	A4012702	A4012701	A4026703	A4026711	A4026713
DATE SAMPLED:	01/11/94	01/11/94	01/11/94	01/11/94	01/11/94	01/25/94	01/25/94	01/25/94
DATE EXTRACTED:	01/13/94	01/13/94	01/13/94	01/13/94	01/13/94	01/31/94	01/31/94	01/31/94
DATE ANALYZED:	01/14/94	01/14/94	01/14/94	01/14/94	01/13/94	02/03/94	02/04/94	02/04/94

ANALYTE	SW-846.4	CRQL								
Phenol	4	4 U	4 U	4 U	6 U	5 U	3 U	3 U	4 U	
bis(2-Chloroethyl)ether	2.6	2 U	2 U	2 U	3 U	2 U	1 U	54	2 U	
2-Chlorophenol	9	6 U	7 U	6 U	9 U	8 U	5 U	5 U	6 U	
1,3-Dichlorobenzene	4.2	3 U	3 U	3 U	4 U	4 U	2 U	0.8 J	3 U	
1,4-Dichlorobenzene	3.9	3 U	3 U	2 U	4 U	3 U	2 U	2 U	1 J	
Benzyl Alcohol	4.5	3 U	3 U	0.2 J	4 U	4 U	2 U	2 U	3 U	
2-Methylphenol	9	6 U	7 U	6 U	3 J	3 J	5 U	5 U	6 U	
bis(2-Chloroisopropyl)ether	2.6	2 U	2 U	2 U	3 U	2 U	1 U	1 U	2 U	
4-Methylphenol	7.5	4 J	6	6	6 J	6	4 U	4 U	5 U	
N-Nitroso-di-n-propylamine	2.1	2 U	2 U	1 U	2 U	2 U	1 U	1 U	1 U	
Hexachloroethane	4.8	3 U	4 U	3 U	5 U	4 U	3 U	3 U	3 U	
Nitrobenzene	2.3	2 U	2 U	1 U	2 U	2 U	1 U	1 U	1 U	
Isophorone	2.2	2 U	2 U	1 U	2 U	2 U	1 U	1 U	1 U	
2-Nitrophenol	9.3	7 U	7 U	6 U	9 U	8 U	5 U	5 U	6 U	
2,4-Dimethylphenol	6.6	5 U	2 J	2 J	7 U	2 J	4 U	4 U	4 U	
Benzoic Acid	18	1 J	13 U	11 U	18 U	15 U	10 U	10 U	11 U	
bis(2-Chloroethoxy)methane	2	1 U	1 U	1 U	2 U	2 U	1 U	1 U	1 U	
2,4-Dichlorophenol	8.4	6 U	6 U	5 U	8 U	7 U	5 U	5 U	5 U	
1,2,4-Trichlorobenzene	4.2	3 U	3 U	3 U	4 U	4 U	2 U	2 U	3 U	
Naphthalene	2.7	2 U	2 U	2 U	3 U	2 U	2 U	2 U	2 U	
4-Chloroaniline	3.6	2 U	2 J	2	4 U	2 J	2 U	4	2 U	
Hexachlorobutadiene	5.1	4 U	4 U	3 U	5 U	4 U	3 U	3 U	3 U	
4-Chloro-3-Methylphenol	6.9	5 U	5 U	4 U	7 U	6 U	4 U	4 U	4 U	
2-Methylnaphthalene	3.3	2 U	2 U	2 U	3 U	3 U	2 U	2 U	2 U	
Hexachlorocyclopentadiene	2.6	2 U	2 U	2 U	3 U	2 U	1 U	1 U	2 U	
2,4,6-Trichlorophenol	12	9 U	9 U	8 U	12 U	10 U	7 U	7 U	8 U	
2,4,5-Trichlorophenol	7.5	5 U	6 U	5 U	8 U	6 U	4 U	4 U	5 U	
2-Chloronaphthalene	2.5	2 U	2 U	2 U	2 U	2 U	1 U	1 U	2 U	
2-Nitroaniline	1.8	1 U	1 U	1 U	2 U	2 U	1 U	1 U	1 U	
Dimethylphthalate	8.1	6 U	6 U	5 U	8 U	7 U	4 U	4 U	5 U	

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	BR-5A	BR-6	BR-7A	BW-105D	BW-105D	BW-105D	BW-105D	BW-105D
ISIS ID:	01BRXX5XXXX1XX	01BRXX6XXXX1XX	01BRXX7XXXX1XX	01BW105052X1XX	01BW105056X1XX	01BW105062X1XX	01BW105067X1XX	01BW105072X1XX
LAB NUMBER:	A4020905	A4026712	A4020906	A4012710	A4012709	A4012708	A4012707	A4012706
DATE SAMPLED:	01/19/94	01/25/94	01/19/94	01/12/94	01/12/94	01/12/94	01/12/94	01/12/94
DATE EXTRACTED:	01/25/94	01/31/94	01/25/94	01/13/94	01/13/94	01/13/94	01/13/94	01/13/94
DATE ANALYZED:	01/31/94	02/04/94	01/27/94	01/14/94	01/14/94	01/14/94	01/14/94	01/14/94

ANALYTE	SW-846.4	CRQL								
Indeno(1,2,3-c,d)Pyrene	1.9		1 U	1 U	1 U	1 U	1 U	4 U	3 U	2 U
Dibenz(a,h)Anthracene	2.1		1 U	1 U	1 U	2 U	1 U	5 U	3 U	2 U
Benzo(g,h,i)perylene	2.6		1 U	1 U	1 U	2 U	1 U	6 U	4 U	2 U
3-Chloropyridine	10		21	3800 D	940 D	210 D	120 D	88	100	94
4-Chloropyridine	10		6 U	6 U	6 U	7 U	5 U	23 U	16 U	8 U
p-Fluoroaniline	20		240 D	150 D	590 D	75 D	78	73	84	83
2,6-Dichloropyridine	10		65	5100 D	17000 D	750 D	430 D	350 D	400 D	400 D
2-Chloropyridine	10		330 D	33000 D	140000 D	1600 BD	7900 BD	6200 BD	8000 BD	8000 BD
Pyridine	10		64	8000 D	400 D	38	24	30	33	34
=====										
Dilution Factor:	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	900		900	900	700	950	220	305	600	
Associated Method Blank:	17297Z.MSO	17341Z.MSO	17297Z.MSO	17214Z.MSO	17214Z.MSO	17214Z.MSO	17214Z.MSO	17214Z.MSO	17214Z.MSO	17214Z.MSO
Associated Equipment Blank:	01QSX12XXXX1XX	01QSX16XXXX1XX	01QSX12XXXX1XX	-	-	-	-	-	-	-
Associated Field Blank:	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	BR-5A	BR-6	BR-7A	BW-105D	BW-105D	BW-105D	BW-105D	BW-105D
ISIS ID:	01BRXX5XXXX1XX	01BRXX6XXXX1XX	01BRXX7XXXX1XX	01BW105052X1XX	01BW105056X1XX	01BW105062X1XX	01BW105067X1XX	01BW105072X1XX
LAB NUMBER:	A4020905	A4026712	A4020906	A4012710	A4012709	A4012708	A4012707	A4012706
DATE SAMPLED:	01/19/94	01/25/94	01/19/94	01/12/94	01/12/94	01/12/94	01/12/94	01/12/94
DATE EXTRACTED:	01/25/94	01/31/94	01/25/94	01/13/94	01/13/94	01/13/94	01/13/94	01/13/94
DATE ANALYZED:	01/31/94	02/04/94	01/27/94	01/14/94	01/14/94	01/14/94	01/14/94	01/14/94

ANALYTE	SW-846.4	CRQL								
2,6-Dinitrotoluene	2		1 U	1 U	1 U	1 U	1 U	4 U	3 U	2 U
3-Nitroaniline	1.3		0.7 U	0.7 U	0.7 U	0.9 U	0.7 U	3 U	2 U	1 U
Acenaphthene	2.9		2 U	2 U	2 U	2 U	2 U	7 U	5 U	2 U
2,4-Dinitrophenol	11		6 U	6 U	6 U	8 U	6 U	25 U	18 U	9 U
4-Nitrophenol	8.7		5 U	5 U	5 U	6 U	4 U	20 U	14 U	7 U
Dibenzofuran	2		1 U	1 U	1 U	1 U	1 U	4 U	3 U	2 U
2,4-Dinitrotoluene	2.2		1 U	1 U	1 U	2 U	1 U	5 U	4 U	2 U
Diethylphthalate	3.9		2 U	2 U	2 U	3 U	2 U	9 U	6 U	3 U
4-Chlorophenyl-phenylether	2.3		1 U	1 U	1 U	2 U	2 U	5 U	4 U	2 U
Fluorene	2.7		2 U	2 U	2 U	2 U	1 U	6 U	4 U	2 U
4-Nitroaniline	2.4		1 U	1 U	1 U	2 U	1 U	5 U	4 U	2 U
4,6-Dinitro-2-methylphenol	19		10 U	10 U	10 U	14 U	10 U	43 U	31 U	16 U
N-Nitrosodiphenylamine	2.1		1 U	1 U	1 U	14	18	25	24	16
4-Bromophenyl-phenylether	2.5		1 U	1 U	1 U	2 U	1 U	6 U	4 U	2 U
Hexachlorobenzene	2.4		1 U	1 U	1 U	2 U	1 U	6 U	4 U	2 U
Pentachlorophenol	18		10 U	10 U	10 U	13 U	9 U	41 U	30 U	15 U
Phenanthrene	2.9		2 U	2 U	2 U	2 U	2 U	6 U	5 U	2 U
Anthracene	2.6		1 U	1 U	1 U	2 U	1 U	6 U	4 U	2 U
Di-n-butylphthalate	2.4		1 U	6	1 U	2 U	1 U	5 U	4 U	2 U
Fluoranthene	2.6		1 U	1 U	1 U	2 U	1 U	6 U	4 U	2 U
Pyrene	3		2 U	2 U	2 U	2 U	2 U	7 U	5 U	2 U
Butylbenzylphthalate	6		3 U	3 U	3 U	4 U	3 U	14 U	10 U	5 U
3,3'-Dichlorobenzidine	2.5		1 U	1 U	1 U	2 U	1 U	6 U	4 U	2 U
Benzo(a)Anthracene	3.3		2 U	2 U	2 U	2 U	2 U	8 U	5 U	3 U
Chrysene	2		1 U	1 U	1 U	1 U	1 U	4 U	3 U	2 U
bis(2-Ethylhexyl)phthalate	2.8		2 U	30	2 U	2 U	1	7	4	2
Di-n-octylphthalate	2.8		2 U	2 U	2 U	2 U	1 U	6 U	5 U	2 U
Benzo(b)Fluoranthene	3.9		2 U	2 U	2 U	3 U	2 U	9 U	6 U	3 U
Benzo(k)Fluoranthene	2.8		2 U	2 U	2 U	3 U	2 U	10 U	7 U	4 U
Benzo(a)Pyrene	1.9		1 U	1 U	1 U	1 U	1 U	4 U	3 U	2 U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	BR-5A	BR-6	BR-7A	BW-105D	BW-105D	BW-105D	BW-105D	BW-105D
ISIS ID:	01BRXX5XXXX1XX	01BRXX6XXXX1XX	01BRXX7XXXX1XX	01BW105052X1XX	01BW105056X1XX	01BW105062X1XX	01BW105067X1XX	01BW105072X1XX
LAB NUMBER:	A4020905	A4026712	A4020906	A4012710	A4012709	A4012708	A4012707	A4012706
DATE SAMPLED:	01/19/94	01/25/94	01/19/94	01/12/94	01/12/94	01/12/94	01/12/94	01/12/94
DATE EXTRACTED:	01/25/94	01/31/94	01/25/94	01/13/94	01/13/94	01/13/94	01/13/94	01/13/94
DATE ANALYZED:	01/31/94	02/04/94	01/27/94	01/14/94	01/14/94	01/14/94	01/14/94	01/14/94

ANALYTE	SW-846.4	CRQL							
Phenol	4	3 U	3 U	3 U	4 U	3 U	14 U	10 U	5 U
bis(2-Chloroethyl)ether	2.6	240 D	150 D	50	2 U	1 U	6 U	4 U	2 U
2-Chlorophenol	9	5 U	5 U	5 U	6 U	5 U	20 U	15 U	8 U
1,3-Dichlorobenzene	4.2	2 U	2 U	2 U	3 U	2 U	10 U	7 U	4 U
1,4-Dichlorobenzene	3.9	2 U	2 U	2 U	2 U	2 U	9 U	6 U	3 U
Benzyl Alcohol	4.5	2 U	2 U	2 U	3 U	0.6 J	10 U	7 U	0.4 J
2-Methylphenol	9	5 U	5 U	5 U	6 U	5 U	20 U	15 U	8 U
bis(2-Chloroisopropyl)ether	2.6	1 U	1 U	1 U	2 U	1 U	6 U	4 U	2 U
4-Methylphenol	7.5	4 U	4 U	4 U	5 U	4 U	17 U	4 J	6 U
N-Nitroso-di-n-propylamine	2.1	1 U	1 U	1 U	2 U	1 U	5 U	3 U	2 U
Hexachloroethane	4.8	3 U	3 U	3 U	3 U	2 U	11 U	8 U	4 U
Nitrobenzene	2.3	1 U	1 U	1 U	2 U	1 U	5 U	4 U	2 U
Isophorone	2.2	1 U	0.6 J	1 U	2 U	1 U	5 U	4 U	2 U
2-Nitrophenol	9.3	5 U	5 U	5 U	7 U	5 U	21 U	15 U	8 U
2,4-Dimethylphenol	6.6	4 U	4 U	4 U	5 U	1 J	15 U	11 U	6 U
Benzoic Acid	18	2 J	10 U	10 U	13 U	10 U	42 U	30 U	15 U
bis(2-Chloroethoxy)methane	2	1 U	1 U	1 U	1 U	1 U	4 U	3 U	2 U
2,4-Dichlorophenol	8.4	5 U	5 U	5 U	6 U	4 U	19 U	14 U	7 U
1,2,4-Trichlorobenzene	4.2	2 U	9	2 U	3 U	2 U	10 U	7 U	4 U
Naphthalene	2.7	2 U	2 U	2 U	2 U	1 U	6 U	4 U	2 U
4-Chloroaniline	3.6	28	2 U	63	4	2	8 U	6 U	3
Hexachlorobutadiene	5.1	3 U	3 U	3 U	4 U	3 U	12 U	8 U	4 U
4-Chloro-3-Methylphenol	6.9	4 U	4 U	4 U	5 U	4 U	16 U	11 U	6 U
2-Methylnaphthalene	3.3	2 U	2 U	2 U	2 U	2 U	8 U	5 U	3 U
Hexachlorocyclopentadiene	2.6	1 U	1 U	1 U	2 U	1 U	6 U	4 U	2 U
2,4,6-Trichlorophenol	12	7 U	7 U	7 U	9 U	6 U	28 U	20 U	10 U
2,4,5-Trichlorophenol	7.5	4 U	4 U	4 U	5 U	4 U	17 U	12 U	6 U
2-Chloronaphthalene	2.5	1 U	1 U	1 U	2 U	1 U	6 U	4 U	2 U
2-Nitroaniline	1.8	1 U	1 U	1 U	1 U	1 U	4 U	3 U	2 U
Dimethylphthalate	8.1	4 U	4 U	4 U	6 U	4 U	18 U	13 U	7 U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	BR-1	BR-2D	BR-2	BR-3D	BR-3D	BR-3	BR-4	BR-5A
ISIS ID:	01BRXX1XXXX1XX	01BRXX2XXDX1XX	01BRXX2XXXX1XX	01BRXX3XXDX1DX	01BRXX3XXDX1XX	01BRXX3XXXX1XX	01BRXX4XXXX1XX	01BRXX5XXXX1DX
LAB NUMBER:	A4021702	A4029802	A4020907	A4030107	A4030108	A4030605	A4038206	A4020905FD
DATE SAMPLED:	01/20/94	01/26/94	01/19/94	01/26/94	01/26/94	01/27/94	02/02/94	01/19/94
DATE EXTRACTED:	01/25/94	02/01/94	01/25/94	02/01/94	02/01/94	02/02/94	02/04/94	01/25/94
DATE ANALYZED:	01/26/94	02/06/94	01/27/94	02/11/94	02/11/94	02/16/94	02/13/94	01/31/94

ANALYTE	SW-846.4	CRQL	BR-1	BR-2D	BR-2	BR-3D	BR-3D	BR-3	BR-4	BR-5A
Indeno(1,2,3-c,d)Pyrene	1.9		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)Anthracene	2.1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	2.6		1 U	2 U	1 U	2 U	2 U	1 U	2 U	1 U
3-Chloropyridine	10		6 U	3 J	730 D	6 U	6 U	19000 D	6	21
4-Chloropyridine	10		6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
p-Fluoroaniline	20		6 U	0.3 J	120 D	6 U	6 U	370 D	6 U	290 D
2,6-Dichloropyridine	10		6 U	3 J	1600 D	0.8 J	0.6 J	22000 D	97 D	58
2-Chloropyridine	10		10	49 U	15000 D	7	6	280000 D	520 D	330 D
Pyridine	10		6 U	13	1800 D	6 U	6 U	45000 D	3 J	28

Dilution Factor:	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	900		800	960	800	800	900	850	900	
Associated Method Blank:	14588W.MSO		14714W.MSO	17279Z.MSO	16532Y.MSO	16532Y.MSO	17407Z.MSO	17434Z.MSO	17279Z.MSO	
Associated Equipment Blank:	01QSX13XXXX1XX		01QSX17XXXX1XX	01QSX12XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX19XXXX1XX	01QSX12XXXX1XX	
Associated Field Blank:	01QDXX4XXXX1XX		01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	BR-1	BR-2D	BR-2	BR-3D	BR-3D	BR-3	BR-4	BR-5A
ISIS ID:	01BRXX1XXXX1XX	01BRXX2XXDX1XX	01BRXX2XXXX1XX	01BRXX3XXDX1DX	01BRXX3XXDX1XX	01BRXX3XXXX1XX	01BRXX4XXXX1XX	01BRXX5XXXX1DX
LAB NUMBER:	A4021702	A4029802	A4020907	A4030107	A4030108	A4030605	A4038206	A4020905FD
DATE SAMPLED:	01/20/94	01/26/94	01/19/94	01/26/94	01/26/94	01/27/94	02/02/94	01/19/94
DATE EXTRACTED:	01/25/94	02/01/94	01/25/94	02/01/94	02/01/94	02/02/94	02/04/94	01/25/94
DATE ANALYZED:	01/26/94	02/06/94	01/27/94	02/11/94	02/11/94	02/16/94	02/13/94	01/31/94

ANALYTE	SW-846.4	CRQL	BR-1	BR-2D	BR-2	BR-3D	BR-3D	BR-3	BR-4	BR-5A
2,6-Dinitrotoluene	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
3-Nitroaniline	1.3		0.7 U	0.8 U	0.7 U	0.8 U	0.8 U	0.7 U	0.8 U	0.7 U
Acenaphthene	2.9		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	11		6 U	7 U	6 U	7 U	7 U	6 U	6 U	6 U
4-Nitrophenol	8.7		5 U	5 U	4 U	5 U	5 U	5 U	5 U	5 U
Dibenzofuran	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dinitrotoluene	2.2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	3.9		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl-phenylether	2.3		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	2.7		2 U	2 U	1 U	2 U	2 U	2 U	2 U	2 U
4-Nitroaniline	2.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4,6-Dinitro-2-methylphenol	19		10 U	12 U	10 U	12 U	12 U	10 U	11 U	10 U
N-Nitrosodiphenylamine	2.1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Bromophenyl-phenylether	2.5		1 U	2 U	1 U	2 U	2 U	1 U	1 U	1 U
Hexachlorobenzene	2.4		1 U	2 U	1 U	2 U	2 U	1 U	1 U	1 U
Pentachlorophenol	18		10 U	11 U	9 U	11 U	11 U	10 U	10 U	10 U
Phenanthrene	2.9		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Anthracene	2.6		1 U	2 U	1 U	2 U	2 U	1 U	2 U	1 U
Di-n-butylphthalate	2.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	2.6		1 U	2 U	1 U	2 U	2 U	1 U	2 U	1 U
Pyrene	3		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Butylbenzylphthalate	6		3 U	4 U	3 U	4 U	4 U	3 U	4 U	3 U
3,3'-Dichlorobenzidine	2.5		1 U	2 U	1 U	2 U	2 U	1 U	1 U	1 U
Benzo(a)Anthracene	3.3		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chrysene	2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	2.8		1 J	18	1 U	4	6	14	11	2 U
Di-n-octylphthalate	2.8		2 U	2 U	1 U	2 U	2 U	2 U	2 U	2 U
Benzo(b)Fluoranthene	3.9		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(k)Fluoranthene	2.8		2 U	3 U	2 U	3 U	3 U	2 U	2 U	2 U
Benzo(a)Pyrene	1.9		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	BR-1	BR-2D	BR-2	BR-3D	BR-3D	BR-3	BR-4	BR-5A
ISIS ID:	01BRXX1XXXX1XX	01BRXX2XXDX1XX	01BRXX2XXXX1XX	01BRXX3XXDX1DX	01BRXX3XXXX1XX	01BRXX3XXXX1XX	01BRXX4XXXX1XX	01BRXX5XXXX1DX
LAB NUMBER:	A4021702	A4029802	A4020907	A4030107	A4030108	A4030605	A4038206	A4020905FD
DATE SAMPLED:	01/20/94	01/26/94	01/19/94	01/26/94	01/26/94	01/27/94	02/02/94	01/19/94
DATE EXTRACTED:	01/25/94	02/01/94	01/25/94	02/01/94	02/01/94	02/02/94	02/04/94	01/25/94
DATE ANALYZED:	01/26/94	02/06/94	01/27/94	02/11/94	02/11/94	02/16/94	02/13/94	01/31/94

ANALYTE	SW-846.4	CRQL	BR-1	BR-2D	BR-2	BR-3D	BR-3D	BR-3	BR-4	BR-5A
Phenol		4	3 U	4 U	3 U	4 U	4 U	3 U	4 U	3 U
bis(2-Chloroethyl)ether	2.6		1 U	2 U	430 D	2 U	2 U	210 D	140 D	260 D
2-Chlorophenol	9		5 U	6 U	5 U	6 U	6 U	5 U	5 U	5 U
1,3-Dichlorobenzene	4.2		2 U	3 U	2 U	3 U	3 U	2 U	2 U	2 U
1,4-Dichlorobenzene	3.9		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzyl Alcohol	4.5		2 U	3 U	2 U	3 U	3 U	2 U	3 U	2 U
2-Methylphenol	9		5 U	0.8 J	5 U	6 U	6 U	5 U	5 U	5 U
bis(2-Chloroisopropyl)ether	2.6		1 U	2 U	1 U	2 U	2 U	1 U	2 U	1 U
4-Methylphenol	7.5		4 U	1 J	4 U	5 U	5 U	4 U	4 U	4 U
N-Nitroso-di-n-propylamine	2.1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachloroethane	4.8		3 U	3 U	56	3 U	3 U	3 U	3 U	3 U
Nitrobenzene	2.3		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	2.2		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitrophenol	9.3		5 U	6 U	5 U	6 U	6 U	5 U	5 U	5 U
2,4-Dimethylphenol	6.6		4 U	4 U	3 U	4 U	4 U	4 U	4 U	4 U
Benzoic Acid	18		10 U	11 U	10 U	11 U	11 U	1100 D	11 U	2 J
bis(2-Chloroethoxy)methane	2		1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U
2,4-Dichlorophenol	8.4		5 U	5 U	4 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	4.2		2 U	3 U	2 U	3 U	3 U	2 U	2 U	2 U
Naphthalene	2.7		2 U	2 U	1 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	3.6		2 U	2 U	18	2 U	2 U	30	2 U	70
Hexachlorobutadiene	5.1		3 U	3 U	4	3 U	3 U	3 U	3 U	3 U
4-Chloro-3-Methylphenol	6.9		4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
2-Methylnaphthalene	3.3		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	2.6		1 U	2 U	1 U	2 U	2 U	1 U	2 U	1 U
2,4,6-Trichlorophenol	12		7 U	8 U	6 U	8 U	8 U	7 U	7 U	7 U
2,4,5-Trichlorophenol	7.5		4 U	5 U	4 U	5 U	5 U	4 U	4 U	4 U
2-Chloronaphthalene	2.5		1 U	2 U	1 U	2 U	2 U	1 U	1 U	1 U
2-Nitroaniline	1.8		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethylphthalate	8.1		4 U	5 U	4 U	5 U	5 U	4 U	5 U	4 U

Site: Phase I RI/FS - Unvalidated Summary Results

**SVOC AND PYRIDINES ANALYTICAL DATA
GROUNDWATER**

Table 2
Validation / Summary Table

LOCATION: T-159
DEPTH: -
ISIS ID: 01TW159013X1XX
LAB NUMBER: AS052566
DATE SAMPLED: 12/01/93
DATE ANALYZED: 12/14/93

ANALYTE	SW-846.4	CRQL	
Chloromethane	0.66		1 UJ
Bromomethane	1.2		1 UJ
Vinyl Chloride	1.2		7 J
Chloroethane	3.3		3 UJ
Methylene Chloride	1.2		17 J
Acetone	6.6		28 J
Carbon Disulfide	3.9		4 UJ
1,1-Dichloroethene	2.5		2 J
1,1-Dichloroethane	1.7		2 UJ
1,2-Dichloroethene (total)	2		19 J
Chloroform	1.3	680	J
1,2-Dichloroethane	1.4		1 UJ
2-Butanone	3.6		4 UJ
1,1,1-Trichloroethane	2.3		2 UJ
Carbon Tetrachloride	1.8		2 UJ
Vinyl Acetate	1.2		1 UJ
Bromodichloromethane	1.4		1 UJ
1,2-Dichloropropane	1.3		1 UJ
cis-1,3-Dichloropropene	1.6		2 UJ
Trichloroethene	1.2	30	J
Dibromochloromethane	1.2		1 UJ
1,1,2-Trichloroethane	0.75	0.8	UJ
2-Chloroethyl Vinyl Ether	1.7		2 UJ
Benzene	0.84		2 J
trans-1,3-Dichloropropene	1.6		2 UJ
Bromoform	1.1		1 UJ
4-Methyl-2-Pentanone	2		2 UJ
2-Hexanone	2.4		2 UJ
Tetrachloroethene	2	120	J
1,1,2,2-Tetrachloroethane	0.73	0.7	UJ
Toluene	0.99		4 J
Chlorobenzene	1.1		1 J
Ethylbenzene	0.87		4 J
Styrene	1.3		1 U
Total Xylenes	2.3		68 J
1,3-Dichlorobenzene	1.1		1 UJ
1,4-Dichlorobenzene	0.69	0.6	J
1,2-Dichlorobenzene	0.99		1 J

Dilution Factor: 1.00
Sample Volume\Weight (ml\g): 5.00

Associated Method Blank: K8557
Associated Equipment Blank: 01QDXX2XXXX1XX
Associated Field Blank: 01QSX10XXXX1XX
Associated Trip Blank: 01QTX17XXXX1XX

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

	LOCATION:	T-138	T-138	T-145	T-145	T-147	T-150	T-157	T-159
	DEPTH:	-	-	-	-	-	-	-	-
	ISIS ID:	01TW138010X1DX	01TW138010X1XX	01TW145017X1DX	01TW145017X1XX	01TW147017X1XX	01TW150017X1XX	01TW157015X1XX	01TW159013X1DX
	LAB NUMBER:	AS049913	AS049912	AS051655FD	AS051655	AS051654	AS051485	AS052564	AS052565
	DATE SAMPLED:	11/08/93	11/08/93	11/30/93	11/30/93	11/30/93	11/29/93	12/02/93	12/01/93
	DATE ANALYZED:	11/12/93	11/12/93	12/18/93	12/03/93	12/03/93	12/03/93	12/14/93	12/14/93
ANALYTE	SW-846.4	CRQL							
Chloromethane	0.66	2 U	2 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
Bromomethane	1.2	2 U	2 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
Vinyl Chloride	1.2	2 U	2 U	1 U	1 U	1 U	1 U	1 UJ	2 J
Chloroethane	3.3	7 U	7 U	3 U	3 U	3 U	3 U	3 UJ	3 UJ
Methylene Chloride	1.2	12	14	1 U	1 U	1 U	1 U	1 UJ	2 J
Acetone	6.6	49	39	7 U	7 U	7 U	7 U	7 UJ	40 J
Carbon Disulfide	3.9	8 U	8 U	4 U	4 U	4 U	4 U	4 UJ	4 UJ
1,1-Dichloroethene	2.5	5 U	5 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ
1,1-Dichloroethane	1.7	3 U	3 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ
1,2-Dichloroethene (total)	2	4 U	4 U	2 U	2 U	5	2 U	2 UJ	7 J
Chloroform	1.3	3 U	3 U	1 U	1 U	1 U	1 U	1 UJ	240 J
1,2-Dichloroethane	1.4	3 U	3 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
2-Butanone	3.6	7 U	7 U	4 U	4 U	4 U	4 U	4 UJ	4 UJ
1,1,1-Trichloroethane	2.3	4 U	4 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ
Carbon Tetrachloride	1.8	4 U	4 U	2 U	2 U	2 U	2 U	2 UJ	16 J
Vinyl Acetate	1.2	2 U	2 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
Bromodichloromethane	1.4	3 U	3 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
1,2-Dichloropropane	1.3	3 U	3 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
cis-1,3-Dichloropropene	1.6	3 U	3 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ
Trichloroethene	1.2	2 J	2 J	2 U	0.6 J	82	2 U	2 UJ	11 J
Dibromochloromethane	1.2	2 U	2 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
1,1,2-Trichloroethane	0.75	2 U	2 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 UJ	0.8 UJ
2-Chloroethyl Vinyl Ether	1.7	3 U	3 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ
Benzene	0.84	20	19	0.8 U	0.8 U	0.8 U	0.8 U	5 J	0.9 J
trans-1,3-Dichloropropene	1.6	3 U	3 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ
Bromoform	1.1	2 U	2 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
4-Methyl-2-Pentanone	2	4 U	4 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ
2-Hexanone	2.4	5 U	5 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ
Tetrachloroethene	2	4 U	4 U	2 U	2 U	2 U	2 U	2 UJ	35 J
1,1,2,2-Tetrachloroethane	0.73	1 U	1 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 UJ	0.7 UJ
Toluene	0.99	15	14	1 U	1 U	0.3 J	1 U	1 UJ	2 J
Chlorobenzene	1.1	2 J	1 J	1 U	1 U	1 U	1 U	1 UJ	1 UJ
Ethylbenzene	0.87	2	2	0.9 U	0.9 U	1	0.9 U	0.9 UJ	1 J
Styrene	1.3	3 U	3 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
Total Xylenes	2.3	16	19	2 U	2 U	9	2 U	4 J	22 J
1,3-Dichlorobenzene	1.1	0.8 J	1	1 U	1 U	1 U	1 U	1 UJ	1 UJ
1,4-Dichlorobenzene	0.69	2	2	1 U	0.7 U	0.7 U	0.7 U	0.7 UJ	0.7 UJ
1,2-Dichlorobenzene	0.99	1 J	2 J	1 U	1 U	1 U	1 U	1 UJ	1 UJ
=====									
	Dilution Factor:	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
	Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
	Associated Method Blank:	K8048	K8048	K8698	K8423	K8423	K8423	K8557	K8557
	Associated Equipment Blank:	01Q5XX6XXXX1XX	01Q5XX6XXXX1XX	01Q4XX2XXXX1XX	01Q4XX2XXXX1XX	01Q4XX2XXXX1XX	01Q4XX2XXXX1XX	01Q4XX2XXXX1XX	01Q4XX2XXXX1XX
	Associated Field Blank:	01Q4XX2XXXX1XX	01Q4XX2XXXX1XX	01Q5X10XXXX1XX	01Q5X10XXXX1XX	01Q5X10XXXX1XX	01Q5X10XXXX1XX	01Q5X10XXXX1XX	01Q5X10XXXX1XX
	Associated Trip Blank:	01QTX9XXXX1XX	01QTX9XXXX1XX	01QTX16XXXX1XX	01QTX16XXXX1XX	01QTX16XXXX1XX	01QTX15XXXX1XX	01QTX17XXXX1XX	01QTX17XXXX1XX

Table 2
Validation / Summary Table

LOCATION:	T-115	T-121	T-121	T-122	T-126	T-129	T-129	T-134
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01TW115009X1XX	01TW121013X1DX	01TW121013X1XX	01TW122010X1XX	01TW126015X1XX	01TW129010X1DX	01TW129010X1XX	01TW134014X1XX
LAB NUMBER:	AS048087	AS050496	AS050495	AS049274	AS048327	AS049272	AS049271	AS049619
DATE SAMPLED:	10/26/93	11/12/93	11/12/93	11/03/93	10/27/93	11/03/93	11/03/93	11/05/93
DATE ANALYZED:	10/29/93	11/16/93	11/16/93	11/06/93	11/01/93	11/06/93	11/06/93	11/10/93

ANALYTE	SW-846.4	CRQL							
Chloromethane	0.66	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Bromomethane	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	120 U
Vinyl Chloride	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	120 U
Chloroethane	3.3	3 U	3 U	3 U	3 U	3 U	3 U	3 U	330 U
Methylene Chloride	1.2	1 U	27 U	26 U	5 U	1 U	1 U	1 U	2100 U
Acetone	6.6	7 U	7 U	7 U	7 U	7 U	7 U	7 U	660 U
Carbon Disulfide	3.9	4 U	4 U	4 U	4 U	4 U	4 U	4 U	130 J
1,1-Dichloroethene	2.5	2 U	2 U	2 U	1 J	2 U	2 U	2 U	250 U
1,1-Dichloroethane	1.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	170 U
1,2-Dichloroethene (total)	2	2 U	2 U	2 U	2 U	2 U	1 J	1 J	200 U
Chloroform	1.3	1 U	1 U	1 U	20	1 U	1 U	1 U	14000 U
1,2-Dichloroethane	1.4	1 U	1 U	1 U	13	1 U	1 U	1 U	140 U
2-Butanone	3.6	4 U	4 U	4 U	4 U	4 U	4 U	4 U	360 U
1,1,1-Trichloroethane	2.3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	230 U
Carbon Tetrachloride	1.8	2 U	2 U	2 U	2 U	2 U	2 U	2 U	17000 U
Vinyl Acetate	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	120 U
Bromodichloromethane	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	140 U
1,2-Dichloropropane	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	130 U
cis-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	160 U
Trichloroethene	1.2	2 U	2 U	2 U	4	0.7 J	0.5 J	2 U	120 U
Dibromochloromethane	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	120 U
1,1,2-Trichloroethane	0.75	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	75 U
2-Chloroethyl Vinyl Ether	1.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	170 U
Benzene	0.84	0.8 U	1	1	3	0.8 U	0.8 U	0.8 U	84 U
trans-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	160 U
Bromoform	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	410 U
4-Methyl-2-Pentanone	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	200 U
2-Hexanone	2.4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	240 U
Tetrachloroethene	2	2 U	2 U	2 U	0.9 J	2 U	2 U	2 U	300 U
1,1,2,2-Tetrachloroethane	0.73	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	73 U
Toluene	0.99	1 U	0.8 J	0.8 J	4	1 U	0.5 J	0.5 J	43 J
Chlorobenzene	1.1	1 U	1 U	1 U	1 J	1 U	1 U	1 U	74 J
Ethylbenzene	0.87	0.9 U	0.9 U	0.7 J	0.9 U	0.9 U	0.9 U	0.9 U	87 U
Styrene	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	130 U
Total Xylenes	2.3	2 U	5	7	62	2 J	5	5	230 U
1,3-Dichlorobenzene	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
1,4-Dichlorobenzene	0.69	7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	69 U
1,2-Dichlorobenzene	0.99	1 U	1 U	1 U	0.8 J	10	1 U	1 U	100 U

Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100
Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:	K7816	K8112	K8112	K7930	K7837	K7930	K7930	K7930	K7999
Associated Equipment Blank:	01Q5XX3XXXX1XX	01Q5XX6XXXX1XX	01Q5XX6XXXX1XX	01Q5XX5XXXX1XX	01Q5XX3XXXX1XX	01Q5XX5XXXX1XX	01Q5XX5XXXX1XX	01Q5XX5XXXX1XX	01Q5XX5XXXX1XX
Associated Field Blank:	01QDXX1XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX2XXXX1XX
Associated Trip Blank:	01QTX4XXXX1XX	01QTX11XXXX1XX	01QTX11XXXX1XX	01QTX7XXXX1XX	01QTX5XXXX1XX	01QTX7XXXX1XX	01QTX7XXXX1XX	01QTX7XXXX1XX	01QTX8XXXX1XX

Table 2
Validation / Summary Table

	LOCATION: DEPTH: ISIS ID: LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	B-6	B-7	T-102	T-102	T-103	T-107	T-112	T-115
		-	-	-	-	-	-	-	-
		01PZXB6XXXX1XX	01PZXB7XXXX1XX	01TW102012X1DX	01TW102012X1XX	01TW103014X1XX	01TW107008X1XX	01TW112011X1XX	01TW115009X1DX
		A4030104	A4030105	AS047775	AS047774	AS047936	AS048089	AS047920	AS048088
		01/26/94	01/26/94	10/20/93	10/20/93	10/21/93	10/26/93	10/22/93	10/26/93
		02/01/94	02/01/94	10/26/93	10/26/93	10/26/93	10/29/93	10/26/93	10/29/93
ANALYTE	SW-846.4	CRQL							
Chloromethane	0.66	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Bromomethane	1.2	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Vinyl Chloride	1.2	1 U	1 U	12 J	13 J	1 U	1 U	1 U	1 U
Chloroethane	3.3	3 U	3 U	3 UJ	3 UJ	3 U	3 U	3 U	3 U
Methylene Chloride	1.2	1 U	1 U	8 UJ	7 UJ	1 U	1 U	1 U	1 U
Acetone	6.6	54	7 U	570 J	500 J	7 U	18	7 U	7 U
Carbon Disulfide	3.9	4 U	4 U	2 J	2 J	4 U	4 U	4 U	4 U
1,1-Dichloroethene	2.5	2 U	2 U	2 J	3 J	2 U	2 U	2 U	2 U
1,1-Dichloroethane	1.7	2 U	2 U	2 J	2 J	0.9 J	2 U	2 U	2 U
1,2-Dichloroethene (total)	2	0.8 J	2	39 J	39 J	2 U	2	2 U	2 U
Chloroform	1.3	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1.4	1 U	1 U	14 J	15 J	1 U	170	1 U	1 U
2-Butanone	3.6	4 U	4 U	36 J	41 J	4 U	4 U	4 U	4 U
1,1,1-Trichloroethane	2.3	2 U	2 U	2 UJ	2 UJ	2 U	2 U	2 U	2 U
Carbon Tetrachloride	1.8	2 U	2 U	2 UJ	2 UJ	2 U	2 U	2 U	2 U
Vinyl Acetate	1.2	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Bromodichloromethane	1.4	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1.3	1 U	1 U	1 J	2 J	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	1.6	2 U	2 U	2 UJ	2 UJ	2 U	2 U	2 U	2 U
Trichloroethene	1.2	1 J	2 U	300 J	280 J	2 U	2 U	2 U	2 U
Dibromochloromethane	1.2	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.75	0.8 U	0.8 U	0.8 UJ	0.8 UJ	0.8 U	0.8 U	0.8 U	0.8 U
2-Chloroethyl Vinyl Ether	1.7	2 U	2 U	2 UJ	2 UJ	2 U	2 U	2 U	2 U
Benzene	0.84	55	5	51 J	51 J	3	35	0.8 U	0.8 U
trans-1,3-Dichloropropene	1.6	2 U	2 U	2 UJ	2 UJ	2 U	2 U	2 U	2 U
Bromoform	1.1	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone	2	5	2 U	16 J	19 J	2 U	2 U	2 U	2 U
2-Hexanone	2.4	2 U	2 U	2 UJ	2 UJ	2 U	2 U	2 U	2 U
Tetrachloroethene	2	2 U	2 U	9 J	8 J	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	0.73	0.7 U	0.7 U	0.7 UJ	0.7 UJ	0.7 U	0.7 U	0.7 U	0.7 U
Toluene	0.99	42	0.5 J	260 J	250 J	0.4 J	5	0.3 J	0.4 J
Chlorobenzene	1.1	110	24	2 J	2 J	3	86	1 U	1 U
Ethylbenzene	0.87	4	0.9 U	0.9 UJ	0.9 UJ	0.9 U	4	0.9 U	0.9 U
Styrene	1.3	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Total Xylenes	2.3	1 J	2 U	2 UJ	2 UJ	2 U	63	2 U	2 U
1,3-Dichlorobenzene	1.1	0.8 J	1 U	1 UJ	1 UJ	1 U	1	1 U	1 U
1,4-Dichlorobenzene	0.69	3	0.7 U	0.7 UJ	0.7 UJ	0.7 U	11	0.7 U	0.7 U
1,2-Dichlorobenzene	0.99	36	5	1 UJ	1 UJ	0.4 J	150	1 U	1 U
=====									
	Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
	Associated Method Blank:	K9273.MSO	K9273.MSO	K7671	K7671	K7697	K7816	K7697	K7816
	Associated Equipment Blank:	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSXX1XXXX1XX	01QSXX1XXXX1XX	01QSXX1XXXX1XX	01QSXX3XXXX1XX	01QSXX2XXXX1XX	01QSXX3XXXX1XX
	Associated Field Blank:	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX
	Associated Trip Blank:	01QTX27XXXX1XX	01QTX27XXXX1XX	01QTX1XXXX1XX	01QTX1XXXX1XX	01QTX2XXXX1XX	01QTX4XXXX1XX	01QTX3XXXX1XX	01QTX4XXXX1XX

Table 2
Validation / Summary Table

	LOCATION: DEPTH: ISIS ID: LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	MW-108 - 01MW108XXXX1XX A4039504 02/03/94 02/05/94	E-1 - 01MWE1XXXX1XX A4030602 01/27/94 02/01/94	E-4 - 01MWE4XXXX1XX A4024706 01/24/94 01/26/94	B-1 - 01PZXB1XXXX1XX A4022703 01/21/94 01/25/94	B-2 - 01PZXB2XXXX1XX A4024703 01/24/94 01/26/94	B-3 - 01PZXB3XXXX1XX A4029807 01/26/94 01/31/94	B-4 - 01PZXB4XXXX1XX A4024708 01/24/94 01/26/94	B-5 - 01PZXB5XXXX1XX A4024709 01/24/94 01/26/94
ANALYTE	SW-846.4	CRQL							
Chloromethane	0.66	1 U	1 U	1 U	1 U	1 U	1 U	1 U	8
Bromomethane	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3.3	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Methylene Chloride	1.2	1 U	87	1 U	1 U	1 U	1 U	1 U	140
Acetone	6.6	7 U	46	7 U	7 U	7 U	7 U	7 U	7 U
Carbon Disulfide	3.9	4 U	12	4 U	4 U	4 U	4 U	4 U	4 U
1,1-Dichloroethene	2.5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	1.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethene (total)	2	2 U	3	2 U	2 U	6	2 U	0.8 J	7
Chloroform	1.3	1 U	290	1 U	1 U	1 U	1 U	1 U	4
1,2-Dichloroethane	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	93
2-Butanone	3.6	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
1,1,1-Trichloroethane	2.3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	5
Carbon Tetrachloride	1.8	2 U	16	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl Acetate	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	1.2	2 U	4	2 U	2 U	4	2 U	2 U	2
Dibromochloromethane	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.75	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
2-Chloroethyl Vinyl Ether	1.7	2 U	2 U	2 U	2 U	1	2 U	2 U	2 U
Benzene	0.84	0.8 U	2	0.8 U	0.8 U	11	0.8 U	3	62
trans-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromoform	1.1	1 U	6	1 U	1 U	1 U	1 U	1 U	3
4-Methyl-2-Pentanone	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Hexanone	2.4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Tetrachloroethene	2	2 U	6	2 U	0.6 J	2	2 U	2 U	3
1,1,2,2-Tetrachloroethane	0.73	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Toluene	0.99	1 U	13	1 U	0.8 J	1 U	1 U	1 U	4600
Chlorobenzene	1.1	1 U	1 U	1 U	1 U	4	1 U	42	170
Ethylbenzene	0.87	0.9 U	2	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	3
Styrene	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	2.3	2 U	8	2 U	2 U	2 U	2 U	2 U	3
1,3-Dichlorobenzene	1.1	1 U	1 U	1 U	1 U	1	1 U	1 U	7
1,4-Dichlorobenzene	0.69	0.7 U	0.7 U	0.7 U	0.7 U	0.3 J	0.7 U	0.7 U	25
1,2-Dichlorobenzene	0.99	1 U	7	1 U	1 U	9	1 U	2	160

Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:	L8016.MSO	K9296.MSO	L7823.MSO	K9138.MSO	L7823.MSO	K9255.MSO	L7823.MSO	L7823.MSO	L7823.MSO
Associated Equipment Blank:	01Qsx19XXXX1XX	01Qsx18XXXX1XX	01Qsx15XXXX1XX	01Qsx13XXXX1XX	01Qsx15XXXX1XX	01Qsx17XXXX1XX	01Qsx15XXXX1XX	01Qsx15XXXX1XX	01Qsx15XXXX1XX
Associated Field Blank:	01Qdxx2XXXX1XX	01Qdxx2XXXX1XX	01Qdxx2XXXX1XX	01Qdxx2XXXX1XX	01Qdxx2XXXX1XX	01Qdxx2XXXX1XX	01Qdxx2XXXX1XX	01Qdxx2XXXX1XX	01Qdxx2XXXX1XX
Associated Trip Blank:	01QTx30XXXX1XX	01QTx27XXXX1XX	01QTx24XXXX1XX	01QTx23XXXX1XX	01QTx24XXXX1XX	01QTx26XXXX1XX	01QTx24XXXX1XX	01QTx24XXXX1XX	01QTx24XXXX1XX

Table 2
Validation / Summary Table

	BR-107	BR-107	BR-108	BR-8	MW-103	MW-104	MW-106	MW-107
LOCATION:	BR-107	BR-107	BR-108	BR-8	MW-103	MW-104	MW-106	MW-107
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01BR107XXXX1XD	01BR107XXXX1XX	01BR108XXXX1XX	01BRXX8XXXX1XX	01MW103XXXX1XX	01MW104XXXX1XX	01MW106XXXX1XX	01MW107XXXX1XX
LAB NUMBER:	A4022702FD	A4022702	A4038207	A4024710	A4021707	A4029803	A4038205	A4022701
DATE SAMPLED:	01/21/94	01/21/94	02/02/94	01/24/94	01/20/94	01/26/94	02/02/94	01/21/94
DATE ANALYZED:	01/25/94	01/25/94	02/04/94	01/26/94	01/25/94	01/28/94	02/04/94	01/25/94
ANALYTE	SW-846.4	CRQL						
Chloromethane	0.66	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Bromomethane	1.2	1 U	1 U	1 U	1 U	1 U	5 U	1 U
Vinyl Chloride	100	3 U	96	1 U	1 U	1 U	10	1 U
Chloroethane	3.3	3 U	3 U	3 U	3 U	3 U	12 U	3 U
Methylene Chloride	1.2	1 U	1 U	1 U	94	1 U	5 U	1 U
Acetone	6.6	7 U	7 U	7 U	7 U	7 U	61	7 U
Carbon Disulfide	3.9	4 U	4 U	4 U	4 U	4 U	16 U	4 U
1,1-Dichloroethene	2.5	2 U	2 U	2 U	2 U	2 U	10 U	2 U
1,1-Dichloroethane	1.7	5	4	2	2 U	0.6 J	7 U	2 U
1,2-Dichloroethene (total)	2	110	110	2 U	6	2 U	31	2 U
Chloroform	1.3	1 U	1 U	1 U	1 U	1 U	5 U	1 U
1,2-Dichloroethane	1.4	1 U	1 U	1 U	1 U	1 U	6 U	1 U
2-Butanone	3.6	4 U	4 U	4 U	4 U	4 U	16 U	4 U
1,1,1-Trichloroethane	2.3	2 U	2 U	2 U	2 U	2 U	8 U	2 U
Carbon Tetrachloride	1.8	2 U	2 U	2 U	2 U	2 U	8 U	2 U
Vinyl Acetate	1.2	1 U	1 U	1 U	1 U	1 U	5 U	1 U
Bromodichloromethane	1.4	1 U	1 U	1 U	1 U	1 U	6 U	1 U
1,2-Dichloropropane	1.3	1 U	1 U	1 U	1 U	1 U	5 U	1 U
cis-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	6 U	2 U
Trichloroethene	1.2	2 U	2 U	2 U	2	0.8 J	21	2 U
Dibromochloromethane	1.2	1 U	1 U	1 U	1 U	1 U	5 U	1 U
1,1,2-Trichloroethane	0.75	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	3 U	0.8 U
2-Chloroethyl Vinyl Ether	1.7	2 U	2 U	2 U	2 U	2 U	6 U	2 U
Benzene	0.84	97	110	31	18	0.8 U	210	0.8 U
trans-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	6 U	2 U
Bromoform	1.1	1 U	1 U	1 U	1 U	1 U	4 U	1 U
4-Methyl-2-Pentanone	2	2 U	2 U	2 U	2 U	2 U	8 U	2 U
2-Hexanone	2.4	2 U	2 U	2 U	2 U	2 U	10 U	2 U
Tetrachloroethene	2	2 U	2 U	2 U	2	2 U	8 U	2 U
1,1,2,2-Tetrachloroethane	0.73	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	3 U	0.7 U
Toluene	0.99	6	6	1 U	37	1 U	500	1 U
Chlorobenzene	1.1	1 U	1 U	1 U	120	1 U	5	1 U
Ethylbenzene	0.87	3	4	0.9 U	0.9 U	0.9 U	3 U	0.9 U
Styrene	1.3	1 U	1 U	1 U	1 U	1 U	5 U	1 U
Total Xylenes	2.3	24	25	2 U	1 J	2 U	6 J	2 U
1,3-Dichlorobenzene	1.1	1 U	1 U	1 U	40	1 U	4 U	1 U
1,4-Dichlorobenzene	0.69	0.7 U	0.7 U	0.7 U	32	0.7 U	13	0.7 U
1,2-Dichlorobenzene	0.99	1 U	1 U	1 U	350	1 U	210	1 U
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	4.00	1.00
Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:	K9138.MSO	K9138.MSO	K9365.MSO	L7823.MSO	K9138.MSO	K9235.MSO	K9365.MSO	K9138.MSO
Associated Equipment Blank:	01QSX13XXXX1XX	01QSX13XXXX1XX	01QSX19XXXX1XX	01QSX15XXXX1XX	01QSX13XXXX1XX	01QSX17XXXX1XX	01QSX19XXXX1XX	01QSX13XXXX1XX
Associated Field Blank:	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX
Associated Trip Blank:	01QTX23XXXX1XX	01QTX23XXXX1XX	01QTX29XXXX1XX	01QTX24XXXX1XX	01QTX22XXXX1XX	01QTX26XXXX1XX	01QTX29XXXX1XX	01QTX23XXXX1XX

Table 2
Validation / Summary Table

	LOCATION:	BR-101	BR-102	BR-103	BR-104	BR-105D	BR-105D	BR-105	BR-106
	DEPTH:								
	ISIS ID:	01BR101XXXX1XX	01BR102XXXX1XX	01BR103XXXX1XX	01BR104XXXX1XX	01BR105XXDX1DX	01BR105XXDX1XX	01BR105XXXX1XX	01BR106XXXX1XX
	LAB NUMBER:	A4036204	A4030604	A4021701	A4029801	A4039507	A4039506	A4030606	A4038204
	DATE SAMPLED:	02/01/94	01/27/94	01/20/94	01/26/94	02/04/94	02/04/94	01/27/94	02/02/94
	DATE ANALYZED:	02/03/94	02/01/94	01/25/94	01/31/94	02/05/94	02/07/94	02/01/94	02/04/94
ANALYTE	SW-846.4	CRQL							
Chloromethane	0.66	20 U	10 U	1 U	1 U	1 U	1 U	1 U	4 U
Bromomethane	1.2	24 U	12 U	1 U	1 U	1 U	1 U	1 U	5 U
Vinyl Chloride	1.2	24 U	26	5	1 U	17 J	6 J	3	230
Chloroethane	3.3	60 U	30 U	3 U	3 U	3 U	3 U	3 U	12 U
Methylene Chloride	1.2	30000	1800	1 U	6	3 J	3	2	330
Acetone	6.6	530	70 U	7 U	7 U	7 U	7 U	7 U	28 U
Carbon Disulfide	3.9	80 U	40 U	4 U	4 U	4 U	4 U	4 U	16 U
1,1-Dichloroethene	2.5	50 U	25 U	2 U	2 U	2 U	2 U	2 U	10 U
1,1-Dichloroethane	1.7	34 U	17 U	2 U	3	5 J	7	2	25
1,2-Dichloroethene (total)	2	40 U	20 U	20	2 U	58 J	70	2	580
Chloroform	1.3	13000	720	1 U	8 U	3 J	3 U	1 U	6 U
1,2-Dichloroethane	1.4	580 J	14 U	1 U	1 U	1 U	1 U	1 U	6 U
2-Butanone	3.6	80 U	40 U	4 U	4 U	4 U	4 U	4 U	16 U
1,1,1-Trichloroethane	2.3	40 U	20 U	2 U	2 U	2 U	2 U	2 U	8 U
Carbon Tetrachloride	1.8	40 U	180	2 U	2 U	1 J	1 J	2 U	8 U
Vinyl Acetate	1.2	24 U	12 U	1 U	1 U	1 U	1 U	1 U	5 U
Bromodichloromethane	1.4	28 U	14 U	1 U	1 U	1 U	1 U	1 U	6 U
1,2-Dichloropropane	1.3	26 U	13 U	1 U	1 U	1 U	1 U	1 U	5 U
cis-1,3-Dichloropropene	1.6	32 U	16 U	2 U	2 U	2 U	2 U	2 U	6 U
Trichloroethene	1.2	40 U	20 U	1 J	2	2 U	2 U	3	14
Dibromochloromethane	1.2	24 U	12 U	1 U	1 U	1 U	1 U	1 U	5 U
1,1,2-Trichloroethane	0.75	16 U	8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	3 U
2-Chloroethyl Vinyl Ether	1.7	32 U	16 U	2 U	2 U	2 U	2 U	2 U	6 U
Benzene	0.84	210 J	37	1	3	41 J	33	16	77
trans-1,3-Dichloropropene	1.6	32 U	16 U	2 U	2 U	2 U	2 U	2 U	6 U
Bromoform	1.1	20 U	10 U	1 U	1 U	1 U	1 U	1 U	4 U
4-Methyl-2-Pentanone	2	69 J	20 U	2 U	2 U	2 U	2 U	2 U	8 U
2-Hexanone	2.4	48 U	24 U	2 U	2 U	2 U	2 U	2 U	10 U
Tetrachloroethene	2	40 U	24	2 U	1 J	2 U	2 U	2 U	8 U
1,1,2,2-Tetrachloroethane	0.73	14 U	7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	3 U
Toluene	0.99	7200	64	1 U	2	42 J	41	11	120
Chlorobenzene	1.1	3600 J	80	1 U	2	4 UJ	4	46	100
Ethylbenzene	0.87	160 J	9 U	0.9 U	0.9 U	2 J	2 U	0.9 U	4
Styrene	1.3	26 U	13 U	1 U	1 U	1 U	1 U	1 U	5 U
Total Xylenes	2.3	960 J	23 U	2 U	2 U	15 J	16	0.8 J	4 J
1,3-Dichlorobenzene	1.1	12 J	10 U	1 U	1 U	1 U	1 U	1 U	4 U
1,4-Dichlorobenzene	0.69	73 J	7 U	0.7 U	0.7 U	0.7 U	0.3 J	0.8	2 J
1,2-Dichlorobenzene	0.99	150 J	52	1 U	1	4 J	5	13	85
Dilution Factor:		20.0	10.0	1.00	1.00	1.00	1.00	1.00	4.00
Sample Volume/Weight (ml/g):		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:		K9328.MSO	K9296.MSO	K9138.MSO	K9255.MSO	L8016.MSO	L8039.MSO	K9296.MSO	K9365.MSO
Associated Equipment Blank:		01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX13XXXX1XX	01QSX17XXXX1XX	01QSX19XXXX1XX	01QSX19XXXX1XX	01QSX18XXXX1XX	01QSX19XXXX1XX
Associated Field Blank:		01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX
Associated Trip Blank:		01QTX28XXXX1XX	01QTX27XXXX1XX	01QTX22XXXX1XX	01QTX26XXXX1XX	01QTX31XXXX1XX	01QTX31XXXX1XX	01QTX27XXXX1XX	01QTX29XXXX1XX

Table 1
Laboratory Report of Analysis

LOCATION:	T-154	T-155
ISIS ID:	01TW154017X1XX	01TW155014X1XX
LAB NUMBER:	AS051167	AS051180
DATE SAMPLED:	11/19/93	11/18/93
DATE ANALYZED:	11/26/93	11/24/93

ANALYTE	SW-846.4	CRQL		
Chloromethane	0.66		1 U	1 U
Bromomethane	1.2		1 U	1 U
Vinyl Chloride	1.2		1 U	1 U
Chloroethane	3.3		3 U	3 U
Methylene Chloride	1.2		1 U	1 U
Acetone	6.6		7 U	7 U
Carbon Disulfide	3.9		4 U	4 U
1,1-Dichloroethene	2.5		2 U	2 U
1,1-Dichloroethane	1.7		2 U	2 U
1,2-Dichloroethene (total)	2		3	2 U
Chloroform	1.3		1 J	2
1,2-Dichloroethane	1.4		1 U	1 U
2-Butanone	3.6		4 U	4 U
1,1,1-Trichloroethane	2.3		2 U	2 U
Carbon Tetrachloride	1.8		2 U	2 U
Vinyl Acetate	1.2		1 U	1 U
Bromodichloromethane	1.4		1 U	1 U
1,2-Dichloropropane	1.3		1 U	1 U
cis-1,3-Dichloropropene	1.6		2 U	2 U
Trichloroethene	1.2		0.6 J	2 U
Dibromochloromethane	1.2		1 U	1 U
1,1,2-Trichloroethane	0.75		0.8 U	0.8 U
2-Chloroethyl Vinyl Ether	1.7		2 U	2 U
Benzene	0.84		2	0.7 J
trans-1,3-Dichloropropene	1.6		2 U	2 U
Bromoform	1.1		1 U	1 U
4-Methyl-2-Pentanone	2		2 U	2 U
2-Hexanone	2.4		2 U	2 U
Tetrachloroethene	2		2 U	2 U
1,1,2,2-Tetrachloroethane	0.73		0.7 U	0.7 U
Toluene	0.99		0.3 J	0.8 J
Chlorobenzene	1.1		1 U	1 U
Ethylbenzene	0.87		0.5 J	3
Styrene	1.3		1 U	1 U
Total Xylenes	2.3		10	51
1,3-Dichlorobenzene	1.1		1 U	1 U
1,4-Dichlorobenzene	0.69		0.7 U	0.7 U
1,2-Dichlorobenzene	0.99		1 U	1 U

Dilution Factor:	1.00	1.00
Sample Volume\Weight (ml\g):	5.00	5.00

Associated Method Blank:	K8332	K8308
Associated Equipment Blank:	01QSXX8XXXX1XX	01QSXX8XXXX1XX
Associated Field Blank:	01QDXX2XXXX1XX	01QDXX2XXXX1XX
Associated Trip Blank:	01QTX14XXXX1XX	01QTX14XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	B-8	B-9	T-142	T-142	T-143	T-144	T-148	T-151
ISIS ID:	01PZX8XXXX1XX	01PZX8XXXX1XX	01TW142013X1DX	01TW142013X1XX	01TW143013X1XX	01TW144008X1XX	01TW148012X1XX	01TW151009X1XX
LAB NUMBER:	A4029809	A4030106	AS050785	AS050784	AS051023	AS0501022	AS050786	AS051166
DATE SAMPLED:	01/26/94	01/26/94	11/16/93	11/16/93	11/17/93	11/16/93	11/16/93	11/18/93
DATE ANALYZED:	01/29/94	02/01/94	11/19/93	11/19/93	11/23/93	11/23/93	11/19/93	11/26/93

ANALYTE	SW-846.4	CRQL	B-8	B-9	T-142	T-142	T-143	T-144	T-148	T-151
Chloromethane	0.66		2 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U
Bromomethane	1.2		2 U	1 U	1 U	1 U	1 U	1 U	1 U	12 U
Vinyl Chloride	1.2		2 U	1 U	1 U	1 U	1 U	1 U	1 U	12 U
Chloroethane	3.3		6 U	3 U	3 U	3 U	3 U	3 U	3 U	33 U
Methylene Chloride	1.2		2 U	3	1 U	1 U	1 U	150	550	
Acetone	6.6		14 U	7 U	7 U	7 U	7 U	7 U	7 U	330
Carbon Disulfide	3.9		8 U	4 U	4 U	4 U	4 U	4 U	4 U	39 U
1,1-Dichloroethene	2.5		5 U	2 U	2 U	2 U	2 U	2 U	1 J	25 U
1,1-Dichloroethane	1.7		3 U	2 U	2 U	2 U	2 U	2 U	2 U	17 U
1,2-Dichloroethene (total)	2		15	2 U	2 U	0.6 J	2 U	2 U	1 J	12 J
Chloroform	1.3		3 U	1 U	1 U	1 U	1 U	1 U	2700 D	7100 D
1,2-Dichloroethane	1.4		3 U	1 U	1 U	1 U	1 U	1 U	1 U	14 U
2-Butanone	3.6		8 U	4 U	4 U	4 U	4 U	4 U	4 U	36 U
1,1,1-Trichloroethane	2.3		4 U	2 U	2 U	2 U	2 U	2 U	2 U	22 U
Carbon Tetrachloride	1.8		4 U	2 U	2 U	2 U	2 U	2 U	490 D	18 U
Vinyl Acetate	1.2		2 U	1 U	1 U	1 U	1 U	1 U	1 U	12 U
Bromodichloromethane	1.4		3 U	1 U	1 U	1 U	1 U	1 U	1 U	14 U
1,2-Dichloropropane	1.3		3 U	1 U	1 U	1 U	1 U	1 U	1 U	13 U
cis-1,3-Dichloropropene	1.6		3 U	2 U	2 U	2 U	2 U	2 U	2 U	16 U
Trichloroethene	1.2		4 U	2 U	0.6 J	1 J	2 U	1 U	2 U	11 J
Dibromochloromethane	1.2		2 U	1 U	1 U	1 U	1 U	1 U	1 U	12 U
1,1,2-Trichloroethane	0.75		2 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	8 U
2-Chloroethyl Vinyl Ether	1.7		3 U	2 U	2 U	2 U	2 U	2 U	2 U	16 U
Benzene	0.84		30	0.8 U	9	13	0.8 U	0.8 U	5	8 J
trans-1,3-Dichloropropene	1.6		3 U	2 U	2 U	2 U	2 U	2 U	2 U	16 U
Bromoform	1.1		2 U	1 U	1 U	1 U	1 U	1 U	1 U	11 U
4-Methyl-2-Pentanone	2		4 U	2 U	2 U	2 U	2 U	2 U	2 U	70
2-Hexanone	2.4		5 U	2 U	2 U	2 U	2 U	2 U	2 U	24 U
Tetrachloroethene	2		4 U	2 U	2 U	0.7 J	2 U	2 U	9	120
1,1,2,2-Tetrachloroethane	0.73		1 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	7 U
Toluene	0.99		3	1 U	2	2	0.5 J	1 U	1	67
Chlorobenzene	1.1		31 B	2 B	1 J	2	1 U	1 U	11	53
Ethylbenzene	0.87		2 U	0.9 U	0.4 J	0.9	1	0.9 U	0.9 U	5 J
Styrene	1.3		3 U	1 U	1 U	1 U	1 U	1 U	1 U	13 U
Total Xylenes	2.3		2 J	2 U	8	13	21	2 U	3	14 J
1,3-Dichlorobenzene	1.1		2 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U
1,4-Dichlorobenzene	0.69		4	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.6 J	7 U
1,2-Dichlorobenzene	0.99		58	0.9 U	1	3	1 U	1 U	0.8 J	13

Dilution Factor:	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	10.0
Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Associated Method Blank:	K9235.MSO	K9273.MSO	K8197	K8172	K8238	K8259	K8172	K8332
Associated Equipment Blank:	01QSDX17XXXX1XX	01QSDX18XXXX1XX	01QSDX8XXXX1XX	01QSDX8XXXX1XX	01QSDX8XXXX1XX	01QSDX8XXXX1XX	01QSDX8XXXX1XX	01QSDX8XXXX1XX
Associated Field Blank:	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX
Associated Trip Blank:	01QTX26XXXX1XX	01QTX27XXXX1XX	01QTX12XXXX1XX	01QTX12XXXX1XX	01QTX13XXXX1XX	01QTX13XXXX1XX	01QTX12XXXX1XX	01QTX14XXXX1XX

Table 1
Laboratory Report of Analysis

LOCATION:	PZ-108	B-10	B-11	B-14	B-15	B-16	B-17	B-8
ISIS ID:	01PZ108XXXX1XX	01PZB10XXXX1XX	01PZB11XXXX1XX	01PZB14XXXX1XX	01PZB15XXXX1XX	01PZB16XXXX1XX	01PZB17XXXX1XX	01PZXB8XXXX1DX
LAB NUMBER:	A4024714	A4030101	A4030102	A4029804	A4030103	A4029805	A4029806	A4029808
DATE SAMPLED:	01/24/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94	01/26/94
DATE ANALYZED:	01/26/94	02/01/94	02/01/94	01/28/94	02/01/94	01/28/94	01/28/94	01/29/94

ANALYTE	SW-846.4	CRQL								
Chloromethane	0.66	1 U	1 U	4 U	1 U	10 U	4 U	10 U	2 U	
Bromomethane	1.2	1 U	1 U	5 U	1 U	12 U	5 U	12 U	2 U	
Vinyl Chloride	1.2	1 U	1 U	5 U	1 U	12 U	9	12 U	2 U	
Chloroethane	3.3	3 U	3 U	12 U	3 U	30 U	12 U	30 U	6 U	
Methylene Chloride	1.2	1 U	5	5 U	1 U	200	2500 D	6300 D	2 U	
Acetone	6.6	7 U	7 U	76	7 U	70 U	190	290	14 U	
Carbon Disulfide	3.9	4 U	4 U	16 U	4 U	40 U	8 J	1900 D	8 U	
1,1-Dichloroethene	2.5	2 U	2 U	10 U	2 U	25 U	5 J	25 U	5 U	
1,1-Dichloroethane	1.7	2 U	2 U	7 U	2 U	17 U	7 U	17 U	3 U	
1,2-Dichloroethene (total)	2	2 U	1 J	8 U	5	18 J	16	28	9	
Chloroform	1.3	1 U	1 U	5 U	1 U	1100	1500 D	50000 D	3	
1,2-Dichloroethane	1.4	1 U	1 U	6 U	1 U	14 U	6 U	14 U	3 U	
2-Butanone	3.6	4 U	4 U	42	4 U	40 U	16 U	40 U	8 U	
1,1,1-Trichloroethane	2.3	2 U	2 U	8 U	2 U	20 U	8 U	20 U	4 U	
Carbon Tetrachloride	1.8	0.6 J	2 U	8 U	2 U	20 U	8 U	14000 D	1 J	
Vinyl Acetate	1.2	1 U	1 U	5 U	1 U	12 U	5 U	12 U	2 U	
Bromodichloromethane	1.4	1 U	1 U	6 U	1 U	14 U	6 U	8 J	3 U	
1,2-Dichloropropane	1.3	1 U	1 U	5 U	1	13 U	5 U	13 U	3 U	
cis-1,3-Dichloropropene	1.6	2 U	2 U	6 U	2 U	16 U	6 U	16 U	3 U	
Trichloroethene	1.2	1 J	0.9 J	5 J	2 U	43	160	29	4 U	
Dibromochloromethane	1.2	1 U	1 U	5 U	1 U	12 U	5 U	62	2 U	
1,1,2-Trichloroethane	0.75	0.8 U	0.8 U	3 U	0.8 U	8 U	3 U	8 U	2 U	
2-Chloroethyl Vinyl Ether	1.7	2 U	2 U	3 U	2 U	16 U	6 U	16 U	3 U	
Benzene	0.84	0.8 U	0.9	4	11	11	20	33	22	
trans-1,3-Dichloropropene	1.6	2 U	2 U	6 U	2 U	16 U	6 U	16 U	3 U	
Bromoform	1.1	1 U	1 U	4 U	1 U	10 U	4 U	540	2 U	
4-Methyl-2-Pentanone	2	2 U	2 U	8 U	2 U	20 U	8 U	20 U	4 U	
2-Hexanone	2.4	2 U	2 U	10 U	2 U	24 U	10 U	31	5 U	
Tetrachloroethene	2	2 U	2 U	8 U	2 U	120	340	1800	4 U	
1,1,2,2-Tetrachloroethane	0.73	0.7 U	0.7 U	3 U	0.7 U	7 U	3 U	7 U	1 U	
Toluene	0.99	3	0.7 J	8	0.7 J	100	610	340	3	
Chlorobenzene	1.1	2 B	2 B	4 U	6 B	96 B	36 B	400 B	24 B	
Ethylbenzene	0.87	0.9 U	0.9 U	6 U	0.9 U	9 U	3 U	9 U	2 U	
Styrene	1.3	1 U	1 U	5 U	1 U	13 U	5 U	13 U	3 U	
Total Xylenes	2.3	2 U	2 U	9 U	2 U	7 J	7 J	25	2 J	
1,3-Dichlorobenzene	1.1	1 U	1 U	4 U	1 U	10 U	2 J	40	2 U	
1,4-Dichlorobenzene	0.69	0.7 U	0.8	3 U	3	7 U	10	45	5	
1,2-Dichlorobenzene	0.99	1 U	2	4 U	5	25	27	70	41	

Dilution Factor:	1.00	1.00	4.00	1.00	10.0	4.00	10.0	2.00		
Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
Associated Method Blank:	L7823.MSO	K9273.MSO	K9296.MSO	K9235.MSO	K9273.MSO	K9235.MSO	K9235.MSO	K9235.MSO	K9235.MSO	
Associated Equipment Blank:	01QSX15XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX17XXXX1XX	01QSX18XXXX1XX	01QSX17XXXX1XX	01QSX17XXXX1XX	01QSX17XXXX1XX	01QSX17XXXX1XX	
Associated Field Blank:	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	
Associated Trip Blank:	01QTX24XXXX1XX	01QTX27XXXX1XX	01QTX27XXXX1XX	01QTX26XXXX1XX	01QTX27XXXX1XX	01QTX26XXXX1XX	01QTX26XXXX1XX	01QTX26XXXX1XX	01QTX26XXXX1XX	

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

LOCATION:	MW-3	PZ-101	PZ-102	PZ-103	PZ-104	PZ-105	PZ-106	PZ-107
ISIS ID:	01MWXX3XXXX1XX	01PZ101XXXX1XX	01PZ102XXXX1XX	01PZ103XXXX1XX	01PZ104XXXX1XX	01PZ105XXXX1XX	01PZ106XXXX1XX	01PZ107XXXX1XX
LAB NUMBER:	A4020908	A4024712	A4039502	A4036205	A4036206	A4024713	A4024715	A4030603
DATE SAMPLED:	01/19/94	01/24/94	02/03/94	02/01/94	02/01/94	01/24/94	01/24/94	01/27/94
DATE ANALYZED:	01/24/94	01/26/94	02/05/94	02/03/94	02/03/94	01/26/94	01/26/94	02/01/94

ANALYTE	SW-846.4	CRQL								
Chloromethane	0.66	1 U	1 U	100 U	20 U	1 U	40 U	100 U	10 U	
Bromomethane	1.2	1 U	1 U	120 U	24 U	1 U	48 U	120 U	12 U	
Vinyl Chloride	1.2	1 U	1 U	120 U	37 U	2 U	85 U	120 U	12 U	
Chloroethane	3.3	3 U	3 U	300 U	60 U	3 U	120 U	300 U	30 U	
Methylene Chloride	1.2	1 U	1 U	10000	4700 D	1 U	5600	22000 D	700	
Acetone	6.6	7 U	7 U	700 U	760 U	7 U	1300	700 U	70 U	
Carbon Disulfide	3.9	4 U	4 U	400 U	80 U	4 U	160 U	37000 D	330	
1,1-Dichloroethene	2.5	2 U	2 U	250 U	50 U	2 U	100 U	250 U	25 U	
1,1-Dichloroethane	1.7	2 U	2 U	170 U	34 U	2 U	68 U	170 U	17 U	
1,2-Dichloroethene (total)	2	2 U	2 U	200 U	10 J	4	62 J	200 U	20	
Chloroform	1.3	1 U	1 U	130 U	92	35	3400	320000 D	3500 D	
1,2-Dichloroethane	1.4	1 U	1 U	140 U	80	1 U	56 U	140 U	14 U	
2-Butanone	3.6	4 U	4 U	400 U	80 U	4 U	160 U	400 U	40 U	
1,1,1-Trichloroethane	2.3	2 U	2 U	200 U	40 U	2 U	80 U	200 U	20 U	
Carbon Tetrachloride	1.8	2 U	2 U	200 U	40 U	2 U	80 U	620000 D	7200 D	
Vinyl Acetate	1.2	1 U	1 U	120 U	24 U	1 U	48 U	120 U	12 U	
Bromodichloromethane	1.4	1 U	1 U	140 U	28 U	1 U	56 U	380	14 U	
1,2-Dichloropropane	1.3	1 U	1 U	130 U	26 U	1 U	52 U	130 U	13 U	
cis-1,3-Dichloropropene	1.6	2 U	2 U	160 U	32 U	2 U	64 U	160 U	16 U	
Trichloroethene	1.2	2 U	2 U	200 U	69	4	370	200 U	70	
Dibromochloromethane	1.2	1 U	1 U	120 U	24 U	1 U	48 U	7200	30	
1,1,2-Trichloroethane	0.75	0.8 U	0.8 U	80 U	16 U	0.8 U	32 U	80 U	8 U	
2-Chloroethyl Vinyl Ether	1.7	2 U	2 U	160 U	32 U	2 U	64 U	160 U	16 U	
Benzene	0.84	0.8 U	120	170	180	8	140	120	11	
trans-1,3-Dichloropropene	1.6	2 U	2 U	160 U	32 U	2 U	64 U	160 U	16 U	
Bromoform	1.1	1 U	1 U	100 U	20 U	1 U	40 U	65000 D	640	
4-Methyl-2-Pentanone	2	2 U	2 U	200 U	40 U	2 U	80 U	200 U	20 U	
2-Hexanone	2.4	2 U	2 U	240 U	48 U	2 U	96 U	240 U	24 U	
Tetrachloroethene	2	2 U	2 U	200 U	16 J	1 J	320	2100	200	
1,1,2,2-Tetrachloroethane	0.73	0.7 U	0.7 U	70 U	14 U	0.7 U	28 U	70 U	7 U	
Toluene	0.99	1 U	7	940 B	2200	16	1800 B	320	150	
Chlorobenzene	1.1	1 U	620 BD	990 B	1700	12	220 B	140 B	6 BJ	
Ethylbenzene	0.87	0.9 U	0.9 U	87 U	17 U	0.9 U	35 U	87 U	9 U	
Styrene	1.3	1 U	1 U	130 U	26 U	1 U	52 U	130 U	13 U	
Total Xylenes	2.3	2 U	2 U	230 U	38 J	2 U	92 U	230 U	23 U	
1,3-Dichlorobenzene	1.1	1 U	1 U	100 U	42	1 U	40 U	100 U	10 U	
1,4-Dichlorobenzene	0.69	0.7 U	0.6 J	45 J	160	0.7 U	28 U	70 U	7 U	
1,2-Dichlorobenzene	0.99	1 U	7	1000	5800 D	2	27 J	100 U	6 J	

Dilution Factor:	1.00	1.00	100	20.0	1.00	40.0	4000	10.0
Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Associated Method Blank:	K9118.MSO	L7823.MSO	L8016.MSO	K9328.MSO	K9328.MSO	L7844.MSO	L7844.MSO	K9296.MSO
Associated Equipment Blank:	01QSX12XXXX1XX	01QSX15XXXX1XX	01QSX19XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX15XXXX1XX	01QSX15XXXX1XX	01QSX18XXXX1XX
Associated Field Blank:	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX
Associated Trip Blank:	01QTX21XXXX1XX	01QTX24XXXX1XX	01QTX30XXXX1XX	01QTX28XXXX1XX	01QTX28XXXX1XX	01QTX24XXXX1XX	01QTX24XXXX1XX	01QTX27XXXX1XX

Table 1
Laboratory Report of Analysis

	LOCATION:	S-4	W-1	W-1	W-2	W-3	W-4	W-5	MW-2
	ISIS ID:	01MWS4XXXX1XX	01MWW1XXXX1DX	01MWW1XXXX1XX	01MWW2XXXX1XX	01MWW3XXXX1XX	01MWW4XXXX1XX	01MWW5XXXX1XX	01MWW2XXXX1XX
	LAB NUMBER:	A4022704	A4020901FD	A4020901	A4021704	A4020903	A4021705	A4021706	A4020909
	DATE SAMPLED:	01/21/94	01/18/94	01/18/94	01/20/94	01/18/94	01/20/94	01/20/94	01/19/94
	DATE ANALYZED:	01/25/94	01/21/94	01/21/94	01/25/94	01/24/94	01/25/94	01/25/94	01/24/94
ANALYTE	SW-846.4	CRQL							
Chloromethane	0.66		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1.2		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.2		1 U	1 U	1 U	1 U	1 U	12	1 U
Chloroethane	3.3		3 U	3 U	3 U	3 U	3 U	3 U	3 U
Methylene Chloride	1.2		14	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	6.6		18	7 U	7 U	7 U	7 U	180	7 U
Carbon Disulfide	3.9		4 U	4 U	4 U	4 U	4 U	4 U	4 U
1,1-Dichloroethene	2.5		2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	1.7		2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethene (total)	2		2	2 U	2 U	2 U	0.5 J	4	2 U
Chloroform	1.3		1 U	7	4	3	1 U	1 U	16
1,2-Dichloroethane	1.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	3.6		4 U	4 U	4 U	4 U	4 U	9	4 U
1,1,1-Trichloroethane	2.3		2 U	2 U	2 U	2 U	2 U	2 U	2 U
Carbon Tetrachloride	1.8		2 U	0.6 J	2 U	2 U	2 U	2 U	2 U
Vinyl Acetate	1.2		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1.4		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1.3		1 U	1 U	1 U	1 U	1 U	1	1 U
cis-1,3-Dichloropropene	1.6		2 U	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	1.2		4	0.8 J	2 U	2 U	2 U	8	2 U
Dibromochloromethane	1.2		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.75		0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
2-Chloroethyl Vinyl Ether	1.7		2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzene	0.84		1	4	2	3	8	44	0.8 U
trans-1,3-Dichloropropene	1.6		2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromoform	1.1		1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone	2		2 U	2 U	2 U	2 U	2 U	14	2 U
2-Hexanone	2.4		2 U	2 U	2 U	2 U	2 U	2 U	2 U
Tetrachloroethene	2		2 U	1 J	2 U	2 U	2 U	0.8 J	2 U
1,1,2,2-Tetrachloroethane	0.73		0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Toluene	0.99		4	1 U	1 U	1 U	1 U	860 D	1 U
Chlorobenzene	1.1		0.4 BJ	14 B	3 B	7 B	13	140 B	2500 BD
Ethylbenzene	0.87		0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
Styrene	1.3		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	2.3		2 U	2 U	2 U	2 U	0.4 J	2 U	34
1,3-Dichlorobenzene	1.1		1 U	1 U	1 U	1 U	0.6 J	63	1 U
1,4-Dichlorobenzene	0.69		0.7 U	0.6 J	0.7 U	0.7 U	2	4	120
1,2-Dichlorobenzene	0.99		0.6 J	1 U	1 U	1 U	11	23	2400 BD
=====									
Dilution Factor:	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume/Weight (ml/g):	5.00		5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:	K9138.MSO		K9096.MSO	K9096.MSO	K9138.MSO	K9118.MSO	K9138.MSO	K9138.MSO	K9118.MSO
Associated Equipment Blank:	01QSX13XXXX1XX		01QSX12XXXX1XX	01QSX12XXXX1XX	01QSX13XXXX1XX	01QSX12XXXX1XX	01QSX13XXXX1XX	01QSX13XXXX1XX	01QSX12XXXX1XX
Associated Field Blank:	01QDXX2XXXX1XX		01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX
Associated Trip Blank:	01QTX23XXXX1XX		01QTX20XXXX1XX	01QTX20XXXX1XX	01QTX22XXXX1XX	01QTX20XXXX1XX	01QTX22XXXX1XX	01QTX22XXXX1XX	01QTX21XXXX1XX

Table 1
Laboratory Report of Analysis

LOCATION:	MW-G9	N-1	N-1	N-2	N-3	S-1	S-2	S-3
ISIS ID:	01MWXG9XXXX1XX	01MWXN1XXXX1DX	01MWXN1XXXX1XX	01MWXN2XXXX1XX	01MWXN3XXXX1XX	01MWS1XXXX1XX	01MWS2XXXX1XX	01MWS3XXXX1XX
LAB NUMBER:	A4020902	A4024704FD	A4024704	A4022705	A4026706	A4022706	A4021703	A4020904
DATE SAMPLED:	01/18/94	01/24/94	01/24/94	01/21/94	01/25/94	01/20/94	01/20/94	01/19/94
DATE ANALYZED:	01/24/94	01/26/94	01/26/94	01/25/94	01/27/94	01/25/94	01/25/94	01/24/94

ANALYTE	SW-846.4	CRQL								
Chloromethane	0.66	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3.3	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Methylene Chloride	1.2	1 U	1 U	1 U	1 U	1 U	1 U	170	6	6
Acetone	6.6	7 U	7 U	7 U	7 U	7 U	7 U	290 D	22	22
Carbon Disulfide	3.9	4 U	4 U	4 U	4 U	4 U	4 U	12	4	4 U
1,1-Dichloroethene	2.5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	1.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethene (total)	2	2 U	2 U	2 U	2 U	2 U	0.8 J	3	0.6 J	0.6 J
Chloroform	1.3	1 U	1 U	1 U	1 U	1 U	1	430 D	12	12
1,2-Dichloroethane	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	3.6	4 U	4 U	4 U	4 U	4 U	4 U	13	4	4 U
1,1,1-Trichloroethane	2.3	2 U	2 U	2 U	2 U	2 U	2 U	1 J	2	2 U
Carbon Tetrachloride	1.8	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl Acetate	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	1.2	2 U	2 U	2 U	2 U	2 U	2 U	4	2	2
Dibromochloromethane	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.75	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
2-Chloroethyl Vinyl Ether	1.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzene	0.84	4	0.8 U	0.8 U	0.8 U	0.8 U	2	1	0.8 U	0.8 U
trans-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromoform	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone	2	2 U	2 U	2 U	2 U	2 U	2 U	4	6	6
2-Hexanone	2.4	2 U	2 U	2 U	2 U	2 U	2 U	14	2	2 U
Tetrachloroethene	2	2 U	2 U	2 U	2 U	2 U	2 U	10	3	3
1,1,2,2-Tetrachloroethane	0.73	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Toluene	0.99	4	1 U	1 U	1 U	1 U	1 U	22	6	6
Chlorobenzene	1.1	1 U	1 U	1 U	1 U	1 U	0.5 BJ	41 B	2	2
Ethylbenzene	0.87	8	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
Styrene	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	2.3	54	2 U	2 U	2 U	2 U	2 U	1 J	0.4 J	0.4 J
1,3-Dichlorobenzene	1.1	1 U	1 U	1 U	1 U	1 U	1 U	4	3	3
1,4-Dichlorobenzene	0.69	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	25	6	6
1,2-Dichlorobenzene	0.99	1 U	1 U	1 U	1 U	1 U	0.5 J	26	3	3

Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Associated Method Blank:	K9118.MSO	L7823.MSO	L7823.MSO	K9138.MSO	K9196.MSO	K9138.MSO	K9138.MSO	K9118.MSO
Associated Equipment Blank:	01QSX12XXXX1XX	01QSX15XXXX1XX	01QSX15XXXX1XX	01QSX13XXXX1XX	01QSX16XXXX1XX	01QSX13XXXX1XX	01QSX13XXXX1XX	01QSX12XXXX1XX
Associated Field Blank:	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX
Associated Trip Blank:	01QTX20XXXX1XX	01QTX24XXXX1XX	01QTX24XXXX1XX	01QTX23XXXX1XX	01QTX25XXXX1XX	01QTX23XXXX1XX	01QTX22XXXX1XX	01QTX21XXXX1XX

Table 1
Laboratory Report of Analysis

LOCATION:	C-4	C-5	C-5	E-2	E-3	EC-1	MW-G6	MW-G8
ISIS ID:	01MWXC4XXXX1XX	01MWXC5XXXX1DX	01MWXC5XXXX1XX	01MWXE2XXXX1XX	01MWXE3XXXX1XX	01MWXECXX1X1XX	01MWXG6XXXX1XX	01MWXG8XXXX1XX
LAB NUMBER:	A4026708	A4026710	A4026709	A4024711	A4026705	A4024707	A4020911	A4020910
DATE SAMPLED:	01/25/94	01/25/94	01/25/94	01/24/94	01/25/94	01/24/94	01/19/94	01/19/94
DATE ANALYZED:	01/27/94	01/26/94	01/27/94	01/26/94	01/27/94	01/26/94	01/24/94	01/24/94

ANALYTE	SW-846.4	CRQL							
Chloromethane	0.66		1 U	200 U	200 U	1 U	1 U	1 U	1 U
Bromomethane	1.2		1 U	240 U	240 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.2		7	240 U	240 U	1 U	1 U	1 U	18
Chloroethane	3.3		3 U	600 U	600 U	3 U	3 U	3 U	3 U
Methylene Chloride	1.2		1 U	29000	35000	1 U	1 U	1 U	1 U
Acetone	6.6		7 U	1400 U	1400 U	7 U	7 U	7 U	7 U
Carbon Disulfide	3.9		4 U	800 U	800 U	4 U	4 U	4 U	4 U
1,1-Dichloroethene	2.5		2 U	500 U	500 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	1.7		6	340 U	340 U	2 U	2 U	2 U	2 U
1,2-Dichloroethene (total)	2		19	400 U	400 U	2 U	6	2 U	16
Chloroform	1.3		1 U	14000	16000	1 U	2	1 U	1 U
1,2-Dichloroethane	1.4		1 U	280 U	280 U	1 U	1 U	1 U	1 U
2-Butanone	3.6		4 U	800 U	800 U	4 U	4 U	4 U	4 U
1,1,1-Trichloroethane	2.3		2 U	400 U	400 U	2 U	2 U	2 U	2 U
Carbon Tetrachloride	1.8		2 U	400 U	400 U	2 U	2 U	2 U	2 U
Vinyl Acetate	1.2		1 U	240 U	240 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1.4		1 U	280 U	280 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1.3		1 U	260 U	260 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	1.6		2 U	320 U	320 U	2 U	2 U	2 U	2 U
Trichloroethene	1.2		15	320 J	390 J	2	4	2 U	2 U
Dibromochloromethane	1.2		1 U	240 U	240 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.75		0.8 U	160 U	160 U	0.8 U	0.8 U	0.8 U	0.8 U
2-Chloroethyl Vinyl Ether	1.7		2 U	320 U	320 U	2 U	2 U	2 U	2 U
Benzene	0.84		13	160 U	160 U	0.8 U	34	0.8 U	0.8 U
trans-1,3-Dichloropropene	1.6		2 U	320 U	320 U	2 U	2 U	2 U	2 U
Bromoform	1.1		1 U	200 U	200 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone	2		2 U	400 U	400 U	2 U	2 U	2 U	2 U
2-Hexanone	2.4		2 U	480 U	480 U	2 U	2 U	2 U	2 U
Tetrachloroethene	2		1 J	1600	2000	3	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	0.73		0.7 U	140 U	140 U	0.7 U	0.7 U	0.7 U	0.7 U
Toluene	0.99		160	850	1000	0.6 BJ	1	2	1 U
Chlorobenzene	1.1		16	2000 B	2300 B	1 U	2 B	1 U	1 U
Ethylbenzene	0.87		51	170 U	170 U	0.9 U	0.9 U	0.9 U	0.9 U
Styrene	1.3		1 U	260 U	260 U	1 U	1 U	1 U	1 U
Total Xylenes	2.3		15	100 J	120 J	2 U	2 U	10	2 U
1,3-Dichlorobenzene	1.1		12	200 U	200 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	0.69		54	91 J	85 J	0.7 U	0.7 U	0.7 U	0.7 U
1,2-Dichlorobenzene	0.99		2	660	700	1 U	1 U	1 U	1 U

Dilution Factor:	1.00	200	200	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:	K9217.MSO	K9196.MSO	K9196.MSO	L7844.MSO	K9196.MSO	L7823.MSO	K9118.MSO	K9118.MSO
Associated Equipment Blank:	01QSX16XXXX1XX	01QSX16XXXX1XX	01QSX16XXXX1XX	01QSX15XXXX1XX	01QSX16XXXX1XX	01QSX15XXXX1XX	01QSX12XXXX1XX	01QSX12XXXX1XX
Associated Field Blank:	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX
Associated Trip Blank:	01QTX25XXXX1XX	01QTX25XXXX1XX	01QTX25XXXX1XX	01QTX24XXXX1XX	01QTX25XXXX1XX	01QTX24XXXX1XX	01QTX21XXXX1XX	01QTX21XXXX1XX

Table 1
Laboratory Report of Analysis

LOCATION:	BW-105D	BW-105D	BW-105D	BW-105D	BW-105D	C-1	C-2A	C-3
ISIS ID:	01BW105080X1XX	01BW105092X1XX	01BW105097X1XX	01BW105101X1DX	01BW105101X1XX	01MWC1XXXXX1XX	01MWC2XXXXX1XX	01MWC3XXXXX1XX
LAB NUMBER:	A4012705	A4012704	A4012703	A4012702	A4012701	A4026703	A4026711	A4026713
DATE SAMPLED:	01/11/94	01/11/94	01/11/94	01/11/94	01/11/94	01/25/94	01/25/94	01/25/94
DATE ANALYZED:	01/13/94	01/13/94	01/13/94	01/13/94	01/13/94	01/27/94	01/27/94	01/27/94

ANALYTE	SW-846.4	CRQL							
Chloromethane	0.66	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U
Bromomethane	1.2	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.2	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U
Chloroethane	3.3	3 U	3 U	3 U	6 U	3 U	3 U	3 U	3 U
Methylene Chloride	1.2	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U
Acetone	6.6	7 U	7 U	7 U	14 U	7 U	7 U	7 U	7 U
Carbon Disulfide	3.9	4 U	4 U	4 U	8 U	4 U	4 U	4 U	4 U
1,1-Dichloroethene	2.5	2 U	2 U	2 U	5 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	1.7	3	1 J	1 J	3 U	1 J	2 U	2 U	2 U
1,2-Dichloroethene (total)	2	40	20	16	11	23	2 U	3	2 U
Chloroform	1.3	1 U	1 U	1 U	4	6	1 U	1 U	2
1,2-Dichloroethane	1.4	1 U	1 U	1 U	3 U	1 U	1 U	1 U	1 U
2-Butanone	3.6	4 U	4 U	4 U	8 U	4 U	4 U	4 U	4 U
1,1,1-Trichloroethane	2.3	2 U	2 U	2 U	4 U	2 U	2 U	2 U	2 U
Carbon Tetrachloride	1.8	2 U	2 U	2 U	4 U	2 U	2 U	2 U	2 U
Vinyl Acetate	1.2	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1.4	1 U	1 U	1 U	3 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1.3	1 U	1 U	1 U	3 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	1.6	2 U	2 U	2 U	3 U	2 U	2 U	2 U	2 U
Trichloroethene	1.2	2 U	2 U	2 U	4 U	2 U	2 U	3	2
Dibromochloromethane	1.2	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.75	0.8 U	0.8 U	0.8 U	2 U	0.8 U	0.8 U	0.8 U	0.8 U
2-Chloroethyl Vinyl Ether	1.7	2 U	2 U	2 U	3 U	2 U	2 U	2 U	2 U
Benzene	0.84	77	83	77	67	140	0.8 U	0.7 J	1
trans-1,3-Dichloropropene	1.6	2 U	2 U	2 U	3 U	2 U	2 U	2 U	2 U
Bromoform	1.1	1 U	1 U	1 U	2 U	1 U	1 U	1 U	11
4-Methyl-2-Pentanone	2	2 U	2 U	2 U	4 U	2 U	2 U	2 U	2 U
2-Hexanone	2.4	2 U	2 U	2 U	5 U	2 U	2 U	2 U	2 U
Tetrachloroethene	2	2 U	2 U	2 U	4 U	2 U	2 U	2 U	6
1,1,2,2-Tetrachloroethane	0.73	0.7 U	0.7 U	0.7 U	1 U	0.7 U	0.7 U	0.7 U	0.7 U
Toluene	0.99	120 B	140 B	130 B	100	160 D	1 U	3	100
Chlorobenzene	1.1	1 B	1 B	1 B	0.8 BJ	1 B	1 U	0.4 BJ	19 B
Ethylbenzene	0.87	5	6	6	5	9	0.9 U	0.9 U	1
Styrene	1.3	1 U	1 U	1 U	3 U	1 U	1 U	1 U	1 U
Total Xylenes	2.3	44	55	54	53	89	2 U	2 U	2
1,3-Dichlorobenzene	1.1	1 U	1 U	1 U	2 U	1 U	1 U	0.8 J	1
1,4-Dichlorobenzene	0.69	0.7 U	0.7 U	0.7 U	1 U	0.7 U	0.7 U	2	5
1,2-Dichlorobenzene	0.99	1 U	1 U	1 U	2 U	1 U	1 U	0.9 J	2

Dilution Factor:	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (mL\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:	L7670.MSO	L7670.MSO	L7670.MSO	K8992.MSO	L7670.MSO	K9196.MSO	K9196.MSO	K9196.MSO
Associated Equipment Blank:	-	-	-	-	-	01QSX16XXXXX1XX	01QSX16XXXXX1XX	01QSX16XXXXX1XX
Associated Field Blank:	01QDXX2XXXXX1XX	01QDXX2XXXXX1XX	01QDXX2XXXXX1XX	01QDXX2XXXXX1XX	01QDXX2XXXXX1XX	01QDXX2XXXXX1XX	01QDXX2XXXXX1XX	01QDXX2XXXXX1XX
Associated Trip Blank:	01QTX18XXXXX1XX	01QTX18XXXXX1XX	01QTX18XXXXX1XX	01QTX18XXXXX1XX	01QTX18XXXXX1XX	01QTX25XXXXX1XX	01QTX25XXXXX1XX	01QTX25XXXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

Table 1
Laboratory Report of Analysis

	BR-5A	BR-6	BR-7A	BW-105D	BW-105D	BW-105D	BW-105D	BW-105D
LOCATION:	BR-5A	BR-6	BR-7A	BW-105D	BW-105D	BW-105D	BW-105D	BW-105D
ISIS ID:	01BRXX5XXXX1XX	01BRXX6XXXX1XX	01BRXX7XXXX1XX	01BW105052X1XX	01BW105056X1XX	01BW105062X1XX	01BW105067X1XX	01BW105072X1XX
LAB NUMBER:	A4020905	A4026712	A4020906	A4012710	A4012709	A4012708	A4012707	A4012706
DATE SAMPLED:	01/19/94	01/25/94	01/19/94	01/12/94	01/12/94	01/12/94	01/12/94	01/12/94
DATE ANALYZED:	01/22/94	01/27/94	01/24/94	01/14/94	01/13/94	01/13/94	01/13/94	01/14/94

ANALYTE	SW-846.4	CRQL								
Chloromethane	0.66		10 U	10 U	2 U	2 U	1 U	1 U	2 U	2 U
Bromomethane	1.2		12 U	12 U	3 U	2 U	1 U	1 U	2 U	2 U
Vinyl Chloride	1.2		12 U	12 U	3 U	46	8	1 U	7	9
Chloroethane	3.3		30 U	30 U	8 U	6 U	3 U	3 U	6 U	6 U
Methylene Chloride	1.2	1400	1400 D	4600 D	58	1 J	1 U	1 U	2 U	2 U
Acetone	6.6		70 U	580	75	14 U	7 U	7 U	14 U	14 U
Carbon Disulfide	3.9		40 U	280	10 U	8 U	2 J	4 U	8 U	8 U
1,1-Dichloroethene	2.5		25 U	25 U	6 U	5 U	2 U	2 U	5 U	5 U
1,1-Dichloroethane	1.7		17 U	17 U	4 U	20	14	4	7	8
1,2-Dichloroethene (total)	2		87	20 U	4 J	250	170	52	100	100
Chloroform	1.3	10000 D	10000 D	7100 D	22	7	5	2	3	3
1,2-Dichloroethane	1.4		14 U	14 U	4 U	3 U	1 U	1 U	3 U	3 U
2-Butanone	3.6		40 U	40 U	10 U	8 U	4 U	4 U	8 U	8 U
1,1,1-Trichloroethane	2.3		20 U	20 U	5 U	4 U	2 U	2 U	4 U	4 U
Carbon Tetrachloride	1.8		20 U	1600	5 U	4 U	2 U	2 U	4 U	4 U
Vinyl Acetate	1.2		12 U	12 U	3 U	2 U	1 U	1 U	2 U	2 U
Bromodichloromethane	1.4		14 U	14 U	4 U	3 U	1 U	1 U	3 U	3 U
1,2-Dichloropropane	1.3		13 U	13 U	3 U	3 U	1 U	1 U	3 U	3 U
cis-1,3-Dichloropropene	1.6		16 U	16 U	4 U	3 U	2 U	2 U	3 U	3 U
Trichloroethene	1.2	120	120	26	5 U	3 J	1 J	0.8 J	4 U	4 U
Dibromochloromethane	1.2		12 U	27	3 U	2 U	1 U	1 U	2 U	2 U
1,1,2-Trichloroethane	0.75		8 U	8 U	2 U	2 U	0.8 U	0.8 U	2 U	2 U
2-Chloroethyl Vinyl Ether	1.7		16 U	16 U	4 U	3 U	2 U	2 U	3 U	3 U
Benzene	0.84		20	8 U	10	71	55	72	65	70
trans-1,3-Dichloropropene	1.6		16 U	16 U	4 U	3 U	2 U	2 U	3 U	3 U
Bromoform	1.1		10 U	370	2 U	2 U	1 U	1 U	2 U	2 U
4-Methyl-2-Pentanone	2		20 U	20 U	6	4 U	2 U	2 U	4 U	4 U
2-Hexanone	2.4		24 U	24 U	6 U	5 U	2 U	2 U	5 U	5 U
Tetrachloroethene	2		20 U	100	5 U	4 U	2 U	2 U	4 U	4 U
1,1,2,2-Tetrachloroethane	0.73		7 U	7 U	2 U	1 U	0.7 U	0.7 U	1 U	1 U
Toluene	0.99		27	110	59	80	69 B	74 B	89	88
Chlorobenzene	1.1		17 B	33 B	380	6 B	3 B	2 B	3 B	3 B
Ethylbenzene	0.87		9 U	9 U	2 U	4	3	3	4	4
Styrene	1.3		13 U	13 U	3 U	3 U	1 U	1 U	3 U	3 U
Total Xylenes	2.3		23 U	23 U	2 J	38	27	24	39	38
1,3-Dichlorobenzene	1.1		10 U	10 U	2 U	2 U	1 U	1 U	2 U	2 U
1,4-Dichlorobenzene	0.69		7 U	7 U	7	1 U	0.7 U	0.7 U	1 U	1 U
1,2-Dichlorobenzene	0.99		10 U	8 J	250	2 U	1 U	1 U	2 U	2 U
Dilution Factor:	10.0	10.0	2.50	2.00	1.00	1.00	2.00	2.00		
Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
Associated Method Blank:	K9096.MSO	K9196.MSO	K9118.MSO	K8992.MSO	L7670.MSO	L7670.MSO	K8992.MSO	K8992.MSO		
Associated Equipment Blank:	01QSX12XXXX1XX	01QSX16XXXX1XX	01QSX12XXXX1XX	-	-	-	-	-		
Associated Field Blank:	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX		
Associated Trip Blank:	01QTX21XXXX1XX	01QTX25XXXX1XX	01QTX21XXXX1XX	01QTX18XXXX1XX	01QTX18XXXX1XX	01QTX18XXXX1XX	01QTX18XXXX1XX	01QTX18XXXX1XX		

Table 1
Laboratory Report of Analysis

LOCATION:	BR-1	BR-2D	BR-2	BR-3D	BR-3D	BR-3	BR-4	BR-5A
ISIS ID:	01BRXX1XXXX1XX	01BRXX2XXDX1XX	01BRXX2XXXX1XX	01BRXX3XXDX1DX	01BRXX3XXDX1XX	01BRXX3XXXX1XX	01BRXX4XXXX1XX	01BRXX5XXXX1DX
LAB NUMBER:	A4021702	A4029802	A4020907	A4030107	A4030108	A4030605	A4038206	A4020905FD
DATE SAMPLED:	01/20/94	01/26/94	01/19/94	01/26/94	01/26/94	01/27/94	02/02/94	01/19/94
DATE ANALYZED:	01/25/94	01/28/94	01/22/94	01/31/94	01/31/94	02/01/94	02/04/94	01/22/94

ANALYTE	SW-846.4	CRQL	BR-1	BR-2D	BR-2	BR-3D	BR-3D	BR-3	BR-4	BR-5A
Chloromethane	0.66		1 U	1 U	10 U	1 U	1 U	400 U	1 U	10 U
Bromomethane	1.2		1 U	1 U	12 U	1 U	1 U	480 U	1 U	12 U
Vinyl Chloride	1.2		1 U	1 U	28 U	1 U	1 U	480 U	5	12 U
Chloroethane	3.3		3 U	3 U	30 U	3 U	3 U	1200 U	3 U	30 U
Methylene Chloride	1.2		1 U	380 D	17000 D	1 U	1 U	78000	140	1400
Acetone	6.6		7 U	44	230	7 U	7 U	4100	7 U	70 U
Carbon Disulfide	3.9		4 U	4 U	4200 D	4 U	4 U	8300	4 U	40 U
1,1-Dichloroethene	2.5		2 U	2 U	25 U	2 U	2 U	1000 U	2 U	25 U
1,1-Dichloroethane	1.7		2 U	2 U	17 U	2 U	2 U	680 U	2 U	17 U
1,2-Dichloroethene (total)	2		2 U	2 U	97	1 J	1 J	800 U	1 J	85
Chloroform	1.3		1 U	1 U	26000 D	4	5	53000	4	10000 D
1,2-Dichloroethane	1.4		1 U	1 U	14 U	1 U	1 U	560 U	1 U	14 U
2-Butanone	3.6		4 U	7	40 U	4 U	4 U	1600 U	4 U	40 U
1,1,1-Trichloroethane	2.3		2 U	2 U	20 U	2 U	2 U	800 U	2 U	20 U
Carbon Tetrachloride	1.8		2 U	2 U	25000 D	2 U	2 U	72000	2 U	20 U
Vinyl Acetate	1.2		1 U	1 U	12 U	1 U	1 U	480 U	1 U	12 U
Bromodichloromethane	1.4		1 U	1 U	16	1 U	1 U	560 U	1 U	14 U
1,2-Dichloropropane	1.3		1 U	1 U	13 U	1 U	1 U	520 U	1 U	13 U
cis-1,3-Dichloropropene	1.6		2 U	2 U	16 U	2 U	2 U	640 U	2 U	16 U
Trichloroethene	1.2		2 U	2 U	27	2 U	2 U	750 J	2 U	110
Dibromochloromethane	1.2		1 U	1 U	400	1 U	1 U	480 U	1 U	12 U
1,1,2-Trichloroethane	0.75		0.8 U	0.8 U	8 U	0.8 U	0.8 U	320 U	0.8 U	8 U
2-Chloroethyl Vinyl Ether	1.7		2 U	2 U	16 U	2 U	2 U	640 U	2 U	16 U
Benzene	0.84		0.8 U	16	35	2	2	320 U	0.8 U	18
trans-1,3-Dichloropropene	1.6		2 U	2 U	16 U	2 U	2 U	640 U	2 U	16 U
Bromoform	1.1		1 U	1 U	3400 D	1 U	1 U	2200	1 U	10 U
4-Methyl-2-Pentanone	2		2 U	2 U	20 U	2 U	2 U	800 U	2 U	20 U
2-Hexanone	2.4		2 U	2 U	24 U	2 U	2 U	960 U	2 U	24 U
Tetrachloroethene	2		2 U	0.7 J	410	2 U	2 U	1800	2 U	20 U
1,1,2,2-Tetrachloroethane	0.73		0.7 U	0.7 U	7 U	0.7 U	0.7 U	280 U	0.7 U	7 U
Toluene	0.99		1 U	28	96	4	4	5000	1 U	26
Chlorobenzene	1.1		1 U	23 B	45 B	1	0.8 J	730 B	2 B	16 B
Ethylbenzene	0.87		0.9 U	4	9 U	0.7 U	0.7 U	350 U	0.9 U	87 U
Styrene	1.3		1 U	1 U	13 U	1 U	1 U	520 U	1 U	13 U
Total Xylenes	2.3		2 U	33	23 U	3	3	920 U	2 U	23 U
1,3-Dichlorobenzene	1.1		1 U	1 U	10 U	1 U	1 U	400 U	1 U	10 U
1,4-Dichlorobenzene	0.69		0.7 U	15	7 U	0.7 U	0.7 U	280 U	1	7 U
1,2-Dichlorobenzene	0.99		1 U	27	20 U	1 U	0.9 J	400 U	1	10 U

Dilution Factor:	1.00	1.00	10.0	1.00	1.00	400	1.00	10.0
Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Associated Method Blank:	K9138.MSO	K9235.MSO	K9096.MSO	K9255.MSO	K9255.MSO	K9296.MSO	K9365.MSO	K9096.MSO
Associated Equipment Blank:	01QSX13XXXX1XX	01QSX17XXXX1XX	01QSX12XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX18XXXX1XX	01QSX19XXXX1XX	01QSX12XXXX1XX
Associated Field Blank:	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX
Associated Trip Blank:	01QTX22XXXX1XX	01QTX26XXXX1XX	01QTX21XXXX1XX	01QTX27XXXX1XX	01QTX27XXXX1XX	01QTX27XXXX1XX	01QTX29XXXX1XX	01QTX21XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

VOC ANALYTICAL DATA
GROUNDWATER

Table 2
Validation / Summary Table

LOCATION: SS-115
 DEPTH: 0
 ISIS ID: 01SS115000X1XX
 LAB NUMBER: AS047934
 DATE SAMPLED: 10/21/93

ANALYTE	SW-846.3	CRDL	
Aluminum	10	8670	
Antimony	5	14.3	U
Arsenic	0.5	4.7	
Barium	1	80.6	
Beryllium	0.2	0.72	U
Cadmium	0.5	0.78	J
Calcium	50	68800	J
Chromium	1	24.5	J
Cobalt	1	5.0	J
Copper	1	24.9	J
Iron	10	14200	
Lead	0.5	124	J
Magnesium	50	13500	J
Manganese	1	366	J
Mercury	0.05	0.19	
Nickel	4	31.7	J
Potassium	500	1060	J
Selenium	0.5	0.71	U
Silver	1	0.43	J
Sodium	500	372	J
Thallium	0.5	0.95	U
Vanadium	1	19.9	
Zinc	2	141	
Cyanide	0.5	1.1	U
Percent Solids:		15	

Associated Method Blank: PB1S
 Associated Equipment Blank: 01QSXX2XXXX1XX
 Associated Field Blank: 01QDXX1XXXX1XX

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

	LOCATION:	SS-108	SS-109	SS-110	SS-111	SS-111	SS-112	SS-113	SS-114	
	DEPTH:	0	0	0	0	0	0	0	0	
	ISIS ID:	01SS108000X1XX	01SS109000X1XX	01SS110000X1XX	01SS111000X1DX	01SS111000X1XX	01SS112000X1XX	01SS113000X1XX	01SS114000X1XX	
	LAB NUMBER:	AS047928	AS047922	AS047924	AS047939	AS047931	AS047926	AS047927	AS047932	
	DATE SAMPLED:	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	
ANALYTE	SW-846.3	CRDL								
Aluminum		10	2700	7160	5250	12300	5120	5840	7810	7410
Antimony		5	14.7 U	15.3 U	13.6 U	16.3 U	14.0 U	14.0 U	15.2 U	13.8 U
Arsenic		0.5	3.0	6.1	1.8 J	4.1	2.9	3.0	12.3	3.6
Barium		1	20.6 J	106	39.1 J	80.2	38.7 J	37.6 J	50.8	40.5 J
Beryllium		0.2	0.73 U	0.77 U	0.68 U	0.82 U	0.70 U	0.70 U	0.76 U	0.69 U
Cadmium		0.5	0.10 J	0.48 J	0.59 J	0.73 J	1.2 J	0.14 J	0.48 J	0.55 J
Calcium		50	33100 J	18800 J	28300 J	9430 J	40100 J	41900 J	4870 J	15800 J
Chromium		1	5.4 J	14.0 J	37.3 J	19.3 J	36.1 J	8.2 J	22.3 J	12.7 J
Cobalt		1	4.9 U	5.2 J	5.6 J	14.7	8.3 J	4.7 U	5.1 U	6.0 J
Copper		1	3.3 J	31.4 J	13.4 J	4.7 J	19.5 J	12.3 J	8.6 J	6.0 J
Iron		10	6900	15500	18300	22900	14700	12000	16700	12500
Lead		0.5	12.2 J	136 J	36.2 J	38.7 J	124 J	11.7 J	52.5 J	44.7 J
Magnesium		50	9410 J	8010 J	9440 J	5500 J	19800 J	19500 J	2680 J	7560 J
Manganese		1	277 J	270 J	271 J	1150 J	314 J	568 J	236 J	485 J
Mercury		0.05	0.12 U	0.21	0.12 U	0.16	0.11 U	0.10 U	0.11 U	0.11 U
Nickel		4	7.3 UJ	16.5 J	45.5 J	26.1 J	50.4 J	12.6 J	18.0 J	26.2 J
Potassium		500	590 J	1160 J	706 J	1340 J	757 J	885 J	627 J	769 J
Selenium		0.5	0.74 U	0.76 J	0.69 U	0.82 U	0.70 U	0.69 U	0.74 U	0.68 U
Silver		1	0.050 U	0.46 J	0.14 J	0.16 J	0.56 J	0.12 J	0.71 J	0.47 J
Sodium		500	651 J	364 J	378 J	2470	1550	257 J	1380	396 J
Thallium		0.5	0.99 U	1.0 U	0.92 U	1.1 U	0.93 U	0.92 U	0.98 U	0.90 U
Vanadium		1	7.6 J	18.5	16.5	32.4	43.4	11.9	18.2	15.5
Zinc		2	30.0	145	119	130	328	65.4	162	40.7
Cyanide		0.5	1.2 U	1.3 U	1.1 U	1.3 U	1.2 U	1.2 U	1.2 U	1.1 U
Percent Solids:			18	22	85	26	15	13	20	12
Associated Method Blank:		PB1S	PB1S	PB1S	PB1S	PB1S	PB1S	PB1S	PB1S	PB1S
Associated Equipment Blank:		01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX
Associated Field Blank:		01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	SS-101	SS-102	SS-102	SS-103	SS-104	SS-105	SS-106	SS-107
DEPTH:	0	0	0	0	0	0	0	0
ISIS ID:	01SS101000X1XX	01SS102000X1DX	01SS102000X1XX	01SS103000X1XX	01SS104000X1XX	01SS105000X1XX	01SS106000X1XX	01SS107000X1XX
LAB NUMBER:	AS047923	AS047938	AS047925	AS047930	AS047929	AS047933	AS047935	AS047921
DATE SAMPLED:	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93

ANALYTE	SW-846.3	CRDL	SS-101	SS-102	SS-102	SS-103	SS-104	SS-105	SS-106	SS-107
Aluminum		10	7640	6010	5550	8270	8740	3880	11800	9460
Antimony		5	16.2 U	14.1 U	14.2 U	13.5 U	18.0 U	13.2 U	14.4 U	14.4 U
Arsenic		0.5	10.8	4.6	3.6	3.2	4.8	2.7	4.1	5.2
Barium		1	52.1 J	36.5 J	41.2 J	48.9	214	40.8 J	70.2	66.2
Beryllium		0.2	0.81 U	0.71 U	0.71 U	0.68 U	0.90 U	0.66 U	0.72 U	0.72 U
Cadmium		0.5	0.51 J	0.28 J	0.36 J	1.8 J	1.0 J	0.61 J	0.50 J	0.60 J
Calcium		50	5680 J	26100 J	30200 J	6940 J	54900 J	94600 J	19800 J	10200 J
Chromium		1	23.5 J	149 J	16.4 J	13.8 J	183 J	15.7 J	20.9 J	14.6 J
Cobalt		1	6.5 J	7.1 J	5.3 J	5.3 J	10.9 J	4.4 U	5.7 J	6.5 J
Copper		1	12.5 J	47.8 J	18.2 J	4.9 J	55.8 J	13.8 J	296 J	10.0 J
Iron		10	13900	12000	11700	15200	19800	11800	20100	16100
Lead		0.5	49.4 J	96.2 J	27.9 J	30.7 J	528 J	55.3 J	122 J	60.5 J
Magnesium		50	3190 J	10900 J	9700 J	3090 J	16900 J	50300 J	7100 J	3370 J
Manganese		1	386 J	310 J	410 J	445 J	523 J	755 J	454 J	542 J
Mercury		0.05	0.26	0.20	0.44	214	2.2	0.43	1.2	0.12 U
Nickel		4	33.4 J	62.4 J	14.5 J	16.8 J	48.7 J	22.5 J	19.0 J	16.0 J
Potassium		500	1130 J	967 J	744 J	735 J	1920	676 J	1030 J	1150 J
Selenium		0.5	0.79 U	0.69 U	0.71 U	0.68 U	0.88 U	0.67 U	0.73 U	0.74 U
Silver		1	0.26 J	0.21 J	0.38 J	0.20 J	0.27 J	0.39 J	0.19 J	0.55 J
Sodium		500	320 J	912 J	1350	281 J	833 J	339 J	577 J	276 J
Thallium		0.5	1.1 U	0.92 U	0.95 U	0.90 U	1.2 U	0.89 U	0.97 U	0.99 U
Vanadium		1	16.4	16.7	15.7	17.4	33.2	15.8	23.4	18.2
Zinc		2	162	149	140	123	643	238	157	78.0
Cyanide		0.5	1.3 U	1.1 U	1.2 U	1.1 U	1.5 U	1.1 U	1.2 U	1.2 U
Percent Solids:			25	14	16	9.6	32	9.9	17	17

Associated Method Blank:	PB1S	PB1S	PB1S	PB1S	PB1S	PB1S	PB1S	PB1S	PB1S
Associated Equipment Blank:	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX
Associated Field Blank:	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX

Site: Olin Rochester Phase I RI/FS

**INORGANICS ANALYTICAL DATA
SURFACE SOIL**

Table 2
Validation / Summary Table

LOCATION:	SS-101	TR-136
DEPTH:	-	2
ISIS ID:	01SS101000X1XX	01TR136002X1XX
LAB NUMBER:	AS047923	AS049909
DATE SAMPLED:	10/21/93	11/08/93
DATE EXTRACTED:	10/26/93	11/13/93
DATE ANALYZED:	11/07/93	11/22/93

ANALYTE

2,4 - Diaminotoluene	230 U	290 U
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Dilution Factor:	1.0	1.0
Sample Volume\Weight (ml\g):	30	30

Associated Method Blank:	15640Y	15809Y
Associated Equipment Blank:	01QSXX2XXXX1XX	01QSXX7XXXX1XX
Associated Field Blank:	01QDXX1XXXX1XX	01QDXX4XXXX1XX

SITE: OLIN ROCHESTER PHASE I RI/FS

Table 2
Validation / Summary Table

LOCATION:	TR-152	TR-1590
DEPTH:	4	4
ID:	01TR152004X1XX	01TR159004X1XX
LAB NUMBER:	AS051200	AS051656
DATE SAMPLED:	11/18/93	11/30/93
DATE EXTRACTED:	11/24/93	12/06/93
DATE ANALYZED:	12/02/93	12/13/93

ANALYTE	SW-3/90+ASP91-2 CRQL		
Fluoranthene	330	400 U	4200
Pyrene	330	400 U	3500
Butylbenzylphthalate	330	400 U	370 U
3,3'-Dichlorobenzidine	330	400 U	370 U
Benzo(a)Anthracene	330	400 U	1700
Chrysene	330	400 U	1400
bis(2-Ethylhexyl)phthalate	330	2600 J	230 J
Di-n-octylphthalate	330	400 U	370 U
Benzo(b)Fluoranthene	330	400 U	2000
Benzo(k)Fluoranthene	330	400 U	970
Benzo(a)Pyrene	330	400 U	1400
Indeno(1,2,3-c,d)Pyrene	330	400 U	410
Dibenz(a,h)Anthracene	330	400 U	78 J
Benzo(g,h,i)perylene	330	400 U	230 J
3-Chloropyridine	330	2600 U	150 J
4-Chloropyridine	330	400 U	370 U
p-Fluoroaniline	330	400 U	370 U
2,6-Dichloropyridine	330	2700	180 J
2-Chloropyridine	330	11000	800
Pyridine	330	8400	340 J
=====			
Dilution Factor:	1.00	1.00	
Percent Solids:	81	89	
Sample Volume\Weight (ml\g):	30.9	30.2	
Associated Method Blank:	15954Y	16083Y	
Associated Equipment Blank:	01Q5XX9XXXX1XX	01Q5X11XXXX1XX	
Associated Field Blank:	01QDXX4XXXX1XX	01QDXX2XXXX1XX	

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	TR-152	TR-1590
DEPTH:	4	4
ISIS ID:	01TR152004X1XX	01TR159004X1XX
LAB NUMBER:	AS051200	AS051656
DATE SAMPLED:	11/18/93	11/30/93
DATE EXTRACTED:	11/24/93	12/06/93
DATE ANALYZED:	12/02/93	12/13/93

ANALYTE	SW-3/90+ASP91-2 CRQL		
2,4,5-Trichlorophenol	800	960 U	890 U
2-Chloronaphthalene	330	400 U	370 U
2-Nitroaniline	800	960 U	890 U
Dimethylphthalate	330	400 U	370 U
Acenaphthylene	330	400 U	370 U
2,6-Dinitrotoluene	330	400 U	370 U
3-Nitroaniline	800	960 U	890 U
Acenaphthene	330	400 U	820
2,4-Dinitrophenol	800	960 U	890 U
4-Nitrophenol	800	960 U	890 U
Dibenzofuran	330	400 U	390
2,4-Dinitrotoluene	330	400 U	370 U
Diethylphthalate	330	400 U	370 U
4-Chlorophenyl-phenylether	330	400 U	370 U
Fluorene	330	400 U	720
4-Nitroaniline	800	960 U	890 U
4,6-Dinitro-2-methylphenol	800	960 U	890 U
N-Nitrosodiphenylamine	330	400 U	370 U
4-Bromophenyl-phenylether	330	400 U	370 U
Hexachlorobenzene	330	400 U	370 U
Pentachlorophenol	800	960 U	890 U
Phenanthrene	330	32 J	4000
Anthracene	330	400 U	1200
Carbazole	330	400 U	540
Di-n-butylphthalate	330	400 U	370 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	TR-152	TR-1590
DEPTH:	4	4
ISIS ID:	01TR152004X1XX	01TR159004X1XX
LAB NUMBER:	AS051200	AS051656
DATE SAMPLED:	11/18/93	11/30/93
DATE EXTRACTED:	11/24/93	12/06/93
DATE ANALYZED:	12/02/93	12/13/93

ANALYTE	SW-3/90+ASP91-2 CRQL		
Phenol	330	400 U	370 U
bis(2-Chloroethyl)ether	330	400 U	370 U
2-Chlorophenol	330	400 U	370 U
1,3-Dichlorobenzene	330	400 U	370 U
1,4-Dichlorobenzene	330	400 U	370 U
1,2-Dichlorobenzene	330	400 U	370 U
2-Methylphenol	330	400 U	370 U
bis(2-Chloroisopropyl)ether	330	400 U	370 U
4-Methylphenol	330	400 U	370 U
N-Nitroso-di-n-propylamine	330	400 U	370 U
Hexachloroethane	330	400 U	370 U
Nitrobenzene	330	400 U	370 U
Isophorone	330	400 U	370 U
2-Nitrophenol	330	400 U	370 U
2,4-Dimethylphenol	330	400 U	370 U
bis(2-Chloroethoxy)methane	330	400 U	370 U
2,4-Dichlorophenol	330	400 U	370 U
1,2,4-Trichlorobenzene	330	400 U	370 U
Naphthalene	330	400 U	160 J
4-Chloroaniline	330	400 U	370 U
Hexachlorobutadiene	330	1800	370 U
4-Chloro-3-Methylphenol	330	400 U	370 U
2-Methylnaphthalene	330	400 U	93 J
Hexachlorocyclopentadiene	330	400 U	370 U
2,4,6-Trichlorophenol	330	400 U	370 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	TR-133	TR-135	TR-136	TR-137	TR-137	TR-139	TR-141	TR-152
DEPTH:	2	12	2	2	2	6	12	4
ISIS ID:	01TR133002X1XX	01TR135012X1XX	01TR136002X1XX	01TR137002X1DX	01TR137002X1XX	01TR139006X1XX	01TR141012X1XX	01TR152004X1DX
LAB NUMBER:	AS050787	AS049615	AS049909	AS050200	AS050199	AS050492	AS050201	AS051201
DATE SAMPLED:	11/15/93	11/04/93	11/08/93	11/09/93	11/09/93	11/11/93	11/09/93	11/18/93
DATE EXTRACTED:	11/19/93	11/11/93	11/13/93	11/16/93	11/16/93	11/18/93	11/11/93	11/24/93
DATE ANALYZED:	12/02/93	11/20/93	11/22/93	11/23/93	11/23/93	12/02/93	11/16/93	12/03/93

ANALYTE	SW-3/90+ASP91-2 CRQL								
Fluoranthene	330	380 U	360 U	480 U	140 J	120 J	380 U	440	410 U
Pyrene	330	380 U	360 U	480 U	140 J	110 J	380 U	410	410 U
Butylbenzylphthalate	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
3,3'-Dichlorobenzidine	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
Benzo(a)Anthracene	330	380 U	360 U	480 U	63 J	54 J	380 U	220 J	410 U
Chrysene	330	380 U	360 U	480 U	72 J	61 J	380 U	250 J	410 U
bis(2-Ethylhexyl)phthalate	330	380 U	220 J	480 U	640 U	100 J	34 J	340 J	410 UJ
Di-n-octylphthalate	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
Benzo(b)Fluoranthene	330	380 U	360 U	480 U	88 J	76 J	380 U	240 J	410 U
Benzo(k)Fluoranthene	330	380 U	360 U	480 U	48 J	33 J	380 U	130 J	410 U
Benzo(a)Pyrene	330	380 U	360 U	480 U	58 J	39 J	380 U	160 J	410 U
Indeno(1,2,3-c,d)Pyrene	330	380 U	360 U	480 U	430 U	27 J	380 U	57 J	410 U
Dibenz(a,h)Anthracene	330	380 U	360 U	480 U	430 U	430 U	380 U	13 J	410 U
Benzo(g,h,i)perylene	330	380 U	360 U	480 U	430 U	18 J	380 U	31 J	410 U
3-Chloropyridine	330	18 J	120 J	480 U	64 J	38 J	380 U	360 U	2900
4-Chloropyridine	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
p-Fluoroaniline	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
2,6-Dichloropyridine	330	55 J	230 J	140 J	210 J	170 J	380 U	43 J	3100
2-Chloropyridine	330	2800	3500	79 J	490	380 J	380 U	93 J	12000
Pyridine	330	380 U	970	480 U	13 J	430 U	380 U	360 U	6700
=====									
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:	86	91	69	75	76	87	91	79	
Sample Volume\Weight (ml\g):	30.2	30.4	30.2	31.0	30.5	30.3	30.4	30.2	
Associated Method Blank:	15950Y	15807Y	15809Y	15838Y	15838Y	15949Y	15838Y	15954Y	
Associated Equipment Blank:	01QSXX9XXXX1XX	01QSXX4XXXX1XX	01QSXX7XXXX1XX	01QSXX7XXXX1XX	01QSXX7XXXX1XX	01QSXX7XXXX1XX	01QSXX7XXXX1XX	01QSXX9XXXX1XX	
Associated Field Blank:	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	TR-133	TR-135	TR-136	TR-137	TR-137	TR-139	TR-141	TR-152
DEPTH:	2	12	2	2	2	6	12	4
ISIS ID:	01TR133002X1XX	01TR135012X1XX	01TR136002X1XX	01TR137002X1DX	01TR137002X1XX	01TR139006X1XX	01TR141012X1XX	01TR152004X1DX
LAB NUMBER:	AS050787	AS049615	AS049909	AS050200	AS050199	AS050492	AS050201	AS051201
DATE SAMPLED:	11/15/93	11/04/93	11/08/93	11/09/93	11/09/93	11/11/93	11/09/93	11/18/93
DATE EXTRACTED:	11/19/93	11/11/93	11/13/93	11/16/93	11/16/93	11/18/93	11/11/93	11/24/93
DATE ANALYZED:	12/02/93	11/20/93	11/22/93	11/23/93	11/23/93	12/02/93	11/16/93	12/03/93

ANALYTE	SW-3/90+ASP91-2 CRQL								
2,4,5-Trichlorophenol	800	920 U	870 U	1200 U	1000 U	1000 U	910 U	870 U	1000 U
2-Chloronaphthalene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
2-Nitroaniline	800	920 U	870 U	1200 U	1000 U	1000 U	910 U	870 U	1000 U
Dimethylphthalate	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
Acenaphthylene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
2,6-Dinitrotoluene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
3-Nitroaniline	800	920 U	870 U	1200 U	1000 U	1000 U	910 U	870 U	1000 U
Acenaphthene	330	380 U	360 U	480 U	430 U	430 U	380 U	11 J	410 U
2,4-Dinitrophenol	800	920 U	870 U	1200 U	1000 U	1000 U	910 U	870 U	1000 U
4-Nitrophenol	800	920 U	870 U	1200 U	1000 U	1000 U	910 U	870 U	1000 U
Dibenzofuran	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
2,4-Dinitrotoluene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
Diethylphthalate	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
4-Chlorophenyl-phenylether	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
Fluorene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
4-Nitroaniline	800	920 U	870 U	1200 U	1000 U	1000 U	910 U	870 U	1000 U
4,6-Dinitro-2-methylphenol	800	920 U	870 U	1200 U	1000 U	1000 U	910 U	870 U	1000 U
N-Nitrosodiphenylamine	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
4-Bromophenyl-phenylether	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
Hexachlorobenzene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
Pentachlorophenol	800	920 U	870 U	1200 U	1000 U	1000 U	910 U	870 U	1000 U
Phenanthrene	330	380 U	360 U	480 U	92 J	81 J	380 U	210 J	410 U
Anthracene	330	380 U	360 U	480 U	14 J	14 J	380 U	37 J	410 U
Carbazole	330	380 U	360 U	480 U	11 J	430 U	380 U	32 J	410 U
Di-n-butylphthalate	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	TR-133	TR-135	TR-136	TR-137	TR-137	TR-139	TR-141	TR-152
DEPTH:	2	12	2	2	2	6	12	4
ISIS ID:	01TR133002X1XX	01TR135012X1XX	01TR136002X1XX	01TR137002X1DX	01TR137002X1XX	01TR139006X1XX	01TR141012X1XX	01TR152004X1DX
LAB NUMBER:	AS050787	AS049615	AS049909	AS050200	AS050199	AS050492	AS050201	AS051201
DATE SAMPLED:	11/15/93	11/04/93	11/08/93	11/09/93	11/09/93	11/11/93	11/09/93	11/18/93
DATE EXTRACTED:	11/19/93	11/11/93	11/13/93	11/16/93	11/16/93	11/18/93	11/11/93	11/24/93
DATE ANALYZED:	12/02/93	11/20/93	11/22/93	11/23/93	11/23/93	12/02/93	11/16/93	12/03/93

ANALYTE	SW-3/90+ASP91-2 CRQL	TR-133	TR-135	TR-136	TR-137	TR-137	TR-139	TR-141	TR-152
Phenol	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
bis(2-Chloroethyl)ether	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
2-Chlorophenol	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
1,3-Dichlorobenzene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
1,4-Dichlorobenzene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
1,2-Dichlorobenzene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
2-Methylphenol	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
bis(2-Chloroisopropyl)ether	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
4-Methylphenol	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	310 J
N-Nitroso-di-n-propylamine	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
Hexachloroethane	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
Nitrobenzene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
Isophorone	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
2-Nitrophenol	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
2,4-Dimethylphenol	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
bis(2-Chloroethoxy)methane	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
2,4-Dichlorophenol	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
1,2,4-Trichlorobenzene	330	380 U	63 J	480 U	430 U	430 U	380 U	360 U	410 U
Naphthalene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
4-Chloroaniline	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
Hexachlorobutadiene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	1600
4-Chloro-3-Methylphenol	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
2-Methylnaphthalene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
Hexachlorocyclopentadiene	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U
2,4,6-Trichlorophenol	330	380 U	360 U	480 U	430 U	430 U	380 U	360 U	410 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	SS-115	TR-106	TR-120	TR-122	TR-122	TR-124	TR-129	TR-132
DEPTH:	0	0	8	2	2	6	2	12
ISIS ID:	01SS115000X1XX	01TR106000X1XX	01TR120008X1XX	01TR122002X1DX	01TR122002X1XX	01TR124006X1XX	01TR129002X1XX	01TR132012X1XX
LAB NUMBER:	AS047934	AS048947	AS050202	AS049277	AS049275	AS050203	AS049276	AS050788
DATE SAMPLED:	10/21/93	11/01/93	11/10/93	11/02/93	11/02/93	11/10/93	11/03/93	11/15/93
DATE EXTRACTED:	10/26/93	11/05/93	11/16/93	11/08/93	11/08/93	11/16/93	11/08/93	11/19/93
DATE ANALYZED:	11/10/93	11/12/93	11/23/93	11/12/93	11/12/93	11/23/93	11/12/93	12/02/93

ANALYTE	SW-3/90+ASP91-2	CRQL								
Fluoranthene	330	1100		150 J	340 U	490	300 J	360 U	360 J	360 U
Pyrene	330	1100		210 J	340 U	650	440	360 U	390	360 U
Butylbenzylphthalate	330	460 U		350 U	340 U	350 U	360 U	360 U	390 U	360 U
3,3'-Dichlorobenzidine	330	390 U		350 U	340 U	350 U	360 U	360 U	390 U	360 U
Benzo(a)Anthracene	330	560		110 J	340 U	240 J	140 J	360 U	210 J	360 U
Chrysene	330	660		130 J	340 U	260 J	160 J	360 U	320 J	360 U
bis(2-Ethylhexyl)phthalate	330	580		100 J	720	470	380	100 J	250 J	360 U
Di-n-octylphthalate	330	390 U		350 U	340 U	350 U	360 U	360 U	390 U	360 U
Benzo(b)Fluoranthene	330	810		170 J	340 U	280 J	170 J	360 U	250 J	360 U
Benzo(k)Fluoranthene	330	830		120 J	340 U	180 J	99 J	360 U	200 J	360 U
Benzo(a)Pyrene	330	540		93 J	340 U	110 J	100 J	360 U	150 J	360 U
Indeno(1,2,3-c,d)Pyrene	330	140 J		34 J	340 U	66 J	36 J	360 U	84 J	360 U
Dibenz(a,h)Anthracene	330	390 U		350 U	340 U	350 U	360 U	360 U	19 J	360 U
Benzo(g,h,i)perylene	330	110 J		25 J	340 U	40 J	17 J	360 U	40 J	360 U
3-Chloropyridine	330	390 U		350 U	340 U	350 U	360 U	360 U	390 U	360 U
4-Chloropyridine	330	390 U		350 U	340 U	350 U	360 U	360 U	390 U	360 U
p-Fluoroaniline	330	390 U		350 U	340 U	350 U	360 U	360 U	390 U	15 J
2,6-Dichloropyridine	330	23 J		24 J	12 J	350 U	360 U	360 U	29 J	360 U
2-Chloropyridine	330	55 J		81 J	24 J	350 U	360 U	360 U	110 J	15 J
Pyridine	330	390 U		350 U	340 U	350 U	360 U	360 U	390 U	3 J

Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:	84	93	95	91	90	92	85	89		
Sample Volume\Weight (ml\g):	30.0	30.0	30.8	30.7	30.4	30.2	30.1	30.9		
Associated Method Blank:	15640Y	15722Y	15838Y	15718Y	15718Y	15838Y	15718Y	15950Y		
Associated Equipment Blank:	01QSXX2XXXX1XX	01QSXX4XXXX1XX	01QSXX7XXXX1XX	01QSXX4XXXX1XX	01QSXX4XXXX1XX	01QSXX7XXXX1XX	01QSXX4XXXX1XX	01QSXX9XXXX1XX		
Associated Field Blank:	01QDXX1XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX	01QDXX4XXXX1XX		

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	SS-115	TR-106	TR-120	TR-122	TR-122	TR-124	TR-129	TR-132
DEPTH:	0	0	8	2	2	6	2	12
ISIS ID:	01SS115000X1XX	01TR106000X1XX	01TR120008X1XX	01TR122002X1DX	01TR122002X1XX	01TR124006X1XX	01TR129002X1XX	01TR132012X1XX
LAB NUMBER:	AS047934	AS048947	AS050202	AS049277	AS049275	AS050203	AS049276	AS050788
DATE SAMPLED:	10/21/93	11/01/93	11/10/93	11/02/93	11/02/93	11/10/93	11/03/93	11/15/93
DATE EXTRACTED:	10/26/93	11/05/93	11/16/93	11/08/93	11/08/93	11/16/93	11/08/93	11/19/93
DATE ANALYZED:	11/10/93	11/12/93	11/23/93	11/12/93	11/12/93	11/23/93	11/12/93	12/02/93

ANALYTE	SW-3/90+ASP91-2 CRQL								
2,4,5-Trichlorophenol	800	950 U	860 U	820 U	860 U	880 U	860 U	940 U	870 U
2-Chloronaphthalene	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
2-Nitroaniline	800	950 U	860 U	820 U	860 U	880 U	860 U	940 U	870 U
Dimethylphthalate	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
Acenaphthylene	330	31 J	350 U	340 U	350 U	360 U	360 U	23 J	360 U
2,6-Dinitrotoluene	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
3-Nitroaniline	800	950 U	860 U	820 U	860 U	880 U	860 U	940 U	870 U
Acenaphthene	330	68 J	10 J	340 U	63 J	41 J	360 U	7 J	360 U
2,4-Dinitrophenol	800	950 U	860 U	820 U	860 U	880 U	860 U	940 U	870 U
4-Nitrophenol	800	950 U	860 U	820 U	860 U	880 U	860 U	940 U	870 U
Dibenzofuran	330	24 J	350 U	340 U	43 J	28 J	360 U	390 U	360 U
2,4-Dinitrotoluene	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
Diethylphthalate	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
4-Chlorophenyl-phenylether	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
Fluorene	330	49 J	350 U	340 U	80 J	52 J	360 U	390 U	360 U
4-Nitroaniline	800	950 U	860 U	820 U	860 U	880 U	860 U	940 U	870 U
4,6-Dinitro-2-methylphenol	800	950 U	860 U	820 U	860 U	880 U	860 U	940 U	870 U
N-Nitrosodiphenylamine	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
4-Bromophenyl-phenylether	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
Hexachlorobenzene	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
Pentachlorophenol	800	950 U	860 U	820 U	860 U	880 U	860 U	940 U	870 U
Phenanthrene	330	590	110 J	340 U	650	420	360 U	130 J	360 U
Anthracene	330	120 J	21 J	340 U	140 J	80 J	360 U	140 J	360 U
Carbazole	330	83 J	8 J	340 U	81 J	49 J	360 U	32 J	360 U
Di-n-butylphthalate	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	SS-115	TR-106	TR-120	TR-122	TR-122	TR-124	TR-129	TR-132
DEPTH:	0	0	8	2	2	6	2	12
ISIS ID:	01SS115000X1XX	01TR106000X1XX	01TR120008X1XX	01TR122002X1DX	01TR122002X1XX	01TR124006X1XX	01TR129002X1XX	01TR132012X1XX
LAB NUMBER:	AS047934	AS048947	AS050202	AS049277	AS049275	AS050203	AS049276	AS050788
DATE SAMPLED:	10/21/93	11/01/93	11/10/93	11/02/93	11/02/93	11/10/93	11/03/93	11/15/93
DATE EXTRACTED:	10/26/93	11/05/93	11/16/93	11/08/93	11/08/93	11/16/93	11/08/93	11/19/93
DATE ANALYZED:	11/10/93	11/12/93	11/23/93	11/12/93	11/12/93	11/23/93	11/12/93	12/02/93

ANALYTE	SW-3/90+ASP91-2 CRQL	SS-115	TR-106	TR-120	TR-122	TR-122	TR-124	TR-129	TR-132
Phenol	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
bis(2-Chloroethyl)ether	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
2-Chlorophenol	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
1,3-Dichlorobenzene	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
1,4-Dichlorobenzene	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	63 J
1,2-Dichlorobenzene	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	78 J
2-Methylphenol	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
bis(2-Chloroisopropyl)ether	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
4-Methylphenol	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
N-Nitroso-di-n-propylamine	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
Hexachloroethane	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
Nitrobenzene	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
Isophorone	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
2-Nitrophenol	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
2,4-Dimethylphenol	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
bis(2-Chloroethoxy)methane	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
2,4-Dichlorophenol	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
1,2,4-Trichlorobenzene	330	390 U	24 J	340 U	350 U	360 U	360 U	390 U	360 U
Naphthalene	330	24 J	9 J	340 U	7 J	360 U	360 U	390 U	360 U
4-Chloroaniline	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	330 J
Hexachlorobutadiene	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
4-Chloro-3-Methylphenol	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
2-Methylnaphthalene	330	20 J	350 U	340 U	19 J	14 J	360 U	390 U	360 U
Hexachlorocyclopentadiene	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U
2,4,6-Trichlorophenol	330	390 U	350 U	340 U	350 U	360 U	360 U	390 U	360 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	SS-108	SS-109	SS-110	SS-111	SS-111	SS-112	SS-113	SS-114
DEPTH:	0	0	0	0	0	0	0	0
ISIS ID:	01SS108000X1XX	01SS109000X1XX	01SS110000X1XX	01SS111000X1DX	01SS111000X1XX	01SS112000X1XX	01SS113000X1XX	01SS114000X1XX
LAB NUMBER:	AS047928	AS047922	AS047924	AS047939	AS047931	AS047926	AS047927	AS047932
DATE SAMPLED:	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93
DATE EXTRACTED:	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93
DATE ANALYZED:	11/07/93	11/17/93	11/10/93	11/10/93	11/10/93	11/07/93	11/09/93	11/10/93

ANALYTE	SW-3/90+ASP91-2 CRQL								
Fluoranthene	330	680	2800	74000	1900 J	6400 J	120 J	1700	310 J
Pyrene	330	560	3300	62000	1600 J	7800 J	110 J	1400	250 J
Butylbenzylphthalate	330	400 U	510 U	370 U	410 UJ	410 U	360 U	460 U	360 U
3,3'-Dichlorobenzidine	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
Benzo(a)Anthracene	330	290 J	1600	34000	920 J	4100 J	41 J	850	160 J
Chrysene	330	390 J	1500	37000	1000 J	4300 J	70 J	1300	200 J
bis(2-Ethylhexyl)phthalate	330	1100	9500	4100 J	1600 J	4400 J	1500	6600	230 J
Di-n-octylphthalate	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
Benzo(b)Fluoranthene	330	390 J	1700	35000	1800 J	6300 J	75 J	2000	280 J
Benzo(k)Fluoranthene	330	330 J	1300	22000	820 J	2700 J	43 J	1100	180 J
Benzo(a)Pyrene	330	260 J	1200	27000	670 J	4000 J	40 J	820	140 J
Indeno(1,2,3-c,d)Pyrene	330	160 J	400 J	15000	260 J	2100 J	33 J	350 J	83 J
Dibenz(a,h)Anthracene	330	400 U	110 J	890	55 J	350 J	360 U	14 J	18 J
Benzo(g,h,i)perylene	330	180 J	220 J	11000 J	200 J	1500 J	90 J	220 J	89 J
3-Chloropyridine	330	69 J	510 U	44 J	410 U	410 U	360 U	63 J	360 U
4-Chloropyridine	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
p-Fluoroaniline	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
2,6-Dichloropyridine	330	7 J	98 J	560	44 J	69 J	17 J	170 J	360 U
2-Chloropyridine	330	27 J	550	620	21 J	68 J	11 J	570	19 J
Pyridine	330	400 U	510 U	110 J	410 U	50 J	360 U	74 J	360 U
=====									
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:	81	64	87	79	79	92	71	88	88
Sample Volume\Weight (ml\g):	30.4	30.3	30.5	30.3	30.2	30.1	30.2	31.0	31.0
Associated Method Blank:	15640Y	15640Y	15640Y	15640Y	15640Y	15640Y	15640Y	15640Y	15640Y
Associated Equipment Blank:	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX
Associated Field Blank:	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	SS-108	SS-109	SS-110	SS-111	SS-111	SS-112	SS-113	SS-114
DEPTH:	0	0	0	0	0	0	0	0
ISIS ID:	01SS108000X1XX	01SS109000X1XX	01SS110000X1XX	01SS111000X1DX	01SS111000X1XX	01SS112000X1XX	01SS113000X1XX	01SS114000X1XX
LAB NUMBER:	AS047928	AS047922	AS047924	AS047939	AS047931	AS047926	AS047927	AS047932
DATE SAMPLED:	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93
DATE EXTRACTED:	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93
DATE ANALYZED:	11/07/93	11/17/93	11/10/93	11/10/93	11/10/93	11/07/93	11/09/93	11/10/93

ANALYTE	SW-3/90+ASP91-2 CRQL	SS-108	SS-109	SS-110	SS-111	SS-111	SS-112	SS-113	SS-114
2,4,5-Trichlorophenol	800	970 U	1200 U	900 U	1000 U	1000 U	870 U	1100 U	880 U
2-Chloronaphthalene	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
2-Nitroaniline	800	970 U	1200 U	900 U	1000 U	1000 U	870 U	1100 U	880 U
Dimethylphthalate	330	400 U	510 U	370 U	410 U	110 J	360 U	460 U	360 U
Acenaphthylene	330	400 U	84 J	87 J	410 U	28 J	360 U	170 J	360 U
2,6-Dinitrotoluene	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
3-Nitroaniline	800	970 U	1200 U	900 U	1000 U	1000 U	870 U	1100 U	880 U
Acenaphthene	330	13 J	270 J	3900 J	89 J	360 J	360 U	27 J	10 J
2,4-Dinitrophenol	800	970 U	1200 U	900 U	1000 U	1000 U	870 U	1100 U	880 U
4-Nitrophenol	800	970 U	1200 U	900 U	1000 U	1000 U	870 U	1100 U	880 U
Dibenzofuran	330	400 U	150 J	2300	35 J	170 J	360 U	51 J	360 U
2,4-Dinitrotoluene	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
Diethylphthalate	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
4-Chlorophenyl-phenylether	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
Fluorene	330	400 U	270 J	4800 J	79 J	340 J	360 U	460 U	360 U
4-Nitroaniline	800	970 U	1200 U	900 U	1000 U	1000 U	870 U	1100 U	880 U
4,6-Dinitro-2-methylphenol	800	970 U	1200 U	900 U	1000 U	1000 U	870 U	1100 U	880 U
N-Nitrosodiphenylamine	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
4-Bromophenyl-phenylether	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
Hexachlorobenzene	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
Pentachlorophenol	800	970 U	1200 U	900 U	1000 U	1000 U	870 U	1100 U	880 U
Phenanthrene	330	330 J	1900	48000	1000	3900 J	54 J	640	140 J
Anthracene	330	58 J	480 J	10000	190 J	1000 J	360 U	150 J	19 J
Carbazole	330	21 J	330 J	6700	150 J	510 J	5 J	93 J	11 J
Di-n-butylphthalate	330	400 U	330 J	630 U	410 UJ	410 UJ	360 U	460 U	360 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

	LOCATION:	SS-108	SS-109	SS-110	SS-111	SS-111	SS-112	SS-113	SS-114
	DEPTH:	0	0	0	0	0	0	0	0
	ISIS ID:	01SS108000X1XX	01SS109000X1XX	01SS110000X1XX	01SS111000X1DX	01SS111000X1XX	01SS112000X1XX	01SS113000X1XX	01SS114000X1XX
	LAB NUMBER:	AS047928	AS047922	AS047924	AS047939	AS047931	AS047926	AS047927	AS047932
	DATE SAMPLED:	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93
	DATE EXTRACTED:	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93
	DATE ANALYZED:	11/07/93	11/17/93	11/10/93	11/10/93	11/10/93	11/07/93	11/09/93	11/10/93
ANALYTE	SW-3/90+ASP91-2 CRQL								
Phenol	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
bis(2-Chloroethyl)ether	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
2-Chlorophenol	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
1,3-Dichlorobenzene	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
1,4-Dichlorobenzene	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
1,2-Dichlorobenzene	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
2-Methylphenol	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
bis(2-Chloroisopropyl)ether	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
4-Methylphenol	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
N-Nitroso-di-n-propylamine	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
Hexachloroethane	330	400 U	510 U	29 J	410 U	410 U	360 U	460 U	360 U
Nitrobenzene	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
Isophorone	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
2-Nitrophenol	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
2,4-Dimethylphenol	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
bis(2-Chloroethoxy)methane	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
2,4-Dichlorophenol	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
1,2,4-Trichlorobenzene	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
Naphthalene	330	400 U	510 U	370 J	22 J	88 J	360 U	61 J	360 U
4-Chloroaniline	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
Hexachlorobutadiene	330	400 U	510 U	59 J	410 U	410 U	360 U	460 U	360 U
4-Chloro-3-Methylphenol	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
2-Methylnaphthalene	330	400 U	87 J	540 U	410 U	72 J	360 U	79 J	360 U
Hexachlorocyclopentadiene	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U
2,4,6-Trichlorophenol	330	400 U	510 U	370 U	410 U	410 U	360 U	460 U	360 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	SS-101	SS-102	SS-102	SS-103	SS-104	SS-105	SS-106	SS-107
DEPTH:	0	0	0	0	0	0	0	0
ISIS ID:	01SS101000X1XX	01SS102000X1DX	01SS102000X1XX	01SS103000X1XX	01SS104000X1XX	01SS105000X1XX	01SS106000X1XX	01SS107000X1XX
LAB NUMBER:	AS047923	AS047938	AS047925	AS047930	AS047929	AS047933	AS047935	AS047921
DATE SAMPLED:	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93
DATE EXTRACTED:	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93
DATE ANALYZED:	11/07/93	11/10/93	11/07/93	11/09/93	11/10/93	11/10/93	11/10/93	11/07/93

ANALYTE SW-3/90+ASP91-2 CRQL

Fluoranthene	330	900	650 J	1100 J	340 J	2200	760	310 J	510
Pyrene	330	790	510 J	1400 J	240 J	2500	500	300 J	570
Butylbenzylphthalate	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
3,3'-Dichlorobenzidine	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
Benzo(a)Anthracene	330	470	360 J	610 J	150 J	940	320 J	160 J	210 J
Chrysene	330	530	420 J	750 J	210 J	1200	450	180 J	270 J
bis(2-Ethylhexyl)phthalate	330	1200	140 J	1400 J	1800	3900	1900	1600	60000
Di-n-octylphthalate	330	380 U	350 U	370 U	360 U	410 U	430	370 U	400 U
Benzo(b)Fluoranthene	330	610	560 J	1100 J	270 J	1900	600	270 J	350 J
Benzo(k)Fluoranthene	330	450	440 J	610	190 J	970	420	190 J	300 J
Benzo(a)Pyrene	330	380	240 J	580 J	190 J	1100	370	140 J	210 J
Indeno(1,2,3-c,d)Pyrene	330	210 J	91 J	200 J	86 J	310 J	120 J	58 J	400 U
Dibenz(a,h)Anthracene	330	53 J	350 U	370 U	360 U	65 J	370 U	370 U	400 U
Benzo(g,h,i)perylene	330	110 J	63 J	140 J	110 J	400 J	140 J	59 J	400 U
3-Chloropyridine	330	380 U	350 U	17 J	360 U	410 U	370 U	370 U	400 U
4-Chloropyridine	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
p-Fluoroaniline	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
2,6-Dichloropyridine	330	85 J	57 J	57 J	16 J	73 J	25 J	120 J	8 J
2-Chloropyridine	330	160 J	120 J	120 J	36 J	250 J	36 J	12 J	400 U
Pyridine	330	380 U	350 U	370 U	360 U	16 J	370 U	370 U	400 U

Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:	86	92	87	90	79	90	87	81	
Sample Volume\Weight (ml\g):	30.4	30.5	30.5	30.8	30.3	30.0	30.6	30.6	
Associated Method Blank:	15640Y	15640Y	15640Y	15640Y	15640Y	15640Y	15640Y	15640Y	
Associated Equipment Blank:	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	01QSXX2XXXX1XX	
Associated Field Blank:	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

	LOCATION:	SS-101	SS-102	SS-102	SS-103	SS-104	SS-105	SS-106	SS-107
	DEPTH:	0	0	0	0	0	0	0	0
	ISIS ID:	01SS101000X1XX	01SS102000X1DX	01SS102000X1XX	01SS103000X1XX	01SS104000X1XX	01SS105000X1XX	01SS106000X1XX	01SS107000X1XX
	LAB NUMBER:	AS047923	AS047938	AS047925	AS047930	AS047929	AS047933	AS047935	AS047921
	DATE SAMPLED:	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93
	DATE EXTRACTED:	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93
	DATE ANALYZED:	11/07/93	11/10/93	11/07/93	11/09/93	11/10/93	11/10/93	11/10/93	11/07/93
ANALYTE	SW-3/90+ASP91-2 CRQL								
2,4,5-Trichlorophenol	800	920 U	860 U	900 U	870 U	1000 U	890 U	900 U	970 U
2-Chloronaphthalene	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
2-Nitroaniline	800	920 U	860 U	900 U	870 U	1000 U	890 U	900 U	970 U
Dimethylphthalate	330	380 U	350 U	370 U	360 U	4600 U	370 U	370 U	400 U
Acenaphthylene	330	48 J	12 J	17 J	360 U	410 U	370 U	370 U	400 U
2,6-Dinitrotoluene	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
3-Nitroaniline	800	920 U	860 U	900 U	870 U	1000 U	890 U	900 U	970 U
Acenaphthene	330	47 J	26 J	91 J	360 U	87 J	16 J	370 U	11 J
2,4-Dinitrophenol	800	920 U	860 U	900 U	870 U	1000 U	890 U	900 U	970 U
4-Nitrophenol	800	920 U	860 U	900 U	870 U	1000 U	890 U	900 U	970 U
Dibenzofuran	330	28 J	350 U	46 J	360 U	46 J	370 U	370 U	400 U
2,4-Dinitrotoluene	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
Diethylphthalate	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
4-Chlorophenyl-phenylether	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
Fluorene	330	47 J	350 U	99 J	360 U	110 J	370 U	370 U	400 U
4-Nitroaniline	800	920 U	860 U	900 U	870 U	1000 U	890 U	900 U	970 U
4,6-Dinitro-2-methylphenol	800	920 U	860 U	900 U	870 U	1000 U	890 U	900 U	970 U
N-Nitrosodiphenylamine	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
4-Bromophenyl-phenylether	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
Hexachlorobenzene	330	380 U	39 J	24 J	360 U	410 U	370 U	370 U	400 U
Pentachlorophenol	800	920 U	860 U	900 U	870 U	1000 U	890 U	900 U	970 U
Phenanthrene	330	490	330 J	730 J	120 J	1100	320 J	160 J	210 J
Anthracene	330	94 J	30 J	170 J	13 J	180 J	41 J	21 J	26 J
Carbazole	330	61 J	28 J	100 J	15 J	120 J	37 J	27 J	24 J
Di-n-butylphthalate	330	380 U	350 U	370 U	360 U	360 J	370 U	370 U	400 U

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	SS-101	SS-102	SS-102	SS-103	SS-104	SS-105	SS-106	SS-107
DEPTH:	0	0	0	0	0	0	0	0
ISIS ID:	01SS101000X1XX	01SS102000X1DX	01SS102000X1XX	01SS103000X1XX	01SS104000X1XX	01SS105000X1XX	01SS106000X1XX	01SS107000X1XX
LAB NUMBER:	AS047923	AS047938	AS047925	AS047930	AS047929	AS047933	AS047935	AS047921
DATE SAMPLED:	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93
DATE EXTRACTED:	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93
DATE ANALYZED:	11/07/93	11/10/93	11/07/93	11/09/93	11/10/93	11/10/93	11/10/93	11/07/93

ANALYTE	SW-3/90+ASP91-2 CRQL	SS-101	SS-102	SS-102	SS-103	SS-104	SS-105	SS-106	SS-107
Phenol	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
bis(2-Chloroethyl)ether	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
2-Chlorophenol	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
1,3-Dichlorobenzene	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
1,4-Dichlorobenzene	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
1,2-Dichlorobenzene	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
2-Methylphenol	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
bis(2-Chloroisopropyl)ether	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
4-Methylphenol	330	380 U	350 U	370 U	360 U	20 J	370 U	370 U	400 U
N-Nitroso-di-n-propylamine	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
Hexachloroethane	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
Nitrobenzene	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
Isophorone	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
2-Nitrophenol	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
2,4-Dimethylphenol	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
bis(2-Chloroethoxy)methane	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
2,4-Dichlorophenol	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
1,2,4-Trichlorobenzene	330	380 U	350 U	22 J	360 U	410 U	370 U	370 U	400 U
Naphthalene	330	34 J	350 U	19 J	360 U	42 J	370 U	370 U	12 J
4-Chloroaniline	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
Hexachlorobutadiene	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
4-Chloro-3-Methylphenol	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
2-Methylnaphthalene	330	30 J	350 U	16 J	360 U	38 J	370 U	10 J	400 U
Hexachlorocyclopentadiene	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U
2,4,6-Trichlorophenol	330	380 U	350 U	370 U	360 U	410 U	370 U	370 U	400 U

Site: Olin Rochester Phase I RI/FS

**SVOC LABORATORY RESULTS
SURFACE AND SUBSURFACE SOIL**

ABB Environmental Services, Inc.

Table 2
Validation / Summary Table

LOCATION:	TR-152	TR-159
DEPTH:	4	4
ISIS ID:	01TR152004X1XX	01TR159004X1XX
LAB NUMBER:	AS051200	AS051656
DATE SAMPLED:	11/18/93	11/30/93
DATE ANALYZED:	11/24/93	12/03/93

ANALYTE	SOW-3/90 - II	CRQL		
Chloromethane	10	12	U	11 U
Bromomethane	10	12	U	11 U
Vinyl Chloride	10	12	U	11 U
Chloroethane	10	12	U	11 U
Methylene Chloride	10	17	J	11 U
Acetone	10	45	J	11 U
Carbon Disulfide	10	12	U	11 U
1,1-Dichloroethene	10	12	U	11 U
1,1-Dichloroethane	10	12	U	11 U
1,2-Dichloroethene (total)	10	5	J	11 U
Chloroform	10	220	J	11 U
1,2-Dichloroethane	10	12	U	11 U
2-Butanone	10	12	U	11 U
1,1,1-Trichloroethane	10	12	U	11 U
Carbon Tetrachloride	10	12	U	11 U
Bromodichloromethane	10	12	U	11 U
1,2-Dichloropropane	10	12	U	11 U
cis-1,3-Dichloropropene	10	12	U	11 U
Trichloroethene	10	3	J	11 U
Dibromochloromethane	10	12	U	11 U
1,1,2-Trichloroethane	10	12	U	11 U
Benzene	10	12	U	11 U
trans-1,3-Dichloropropene	10	12	U	11 U
Bromoform	10	12	U	11 U
4-Methyl-2-Pentanone	10	12	U	11 U
2-Hexanone	10	12	U	11 U
Tetrachloroethene	10	140	J	11 U
1,1,2,2-Tetrachloroethane	10	12	U	11 U
Toluene	10	16	UJ	11 U
Chlorobenzene	10	25	J	11 U
Ethylbenzene	10	12	U	11 U
Styrene	10	12	U	11 U
Total Xylenes	10	0.6	J	11 U
=====				
Dilution Factor:	1.00	1.00		
Percent Solids:	82	85		

Associated Method Blank:	G7179	H3054
Associated Equipment Blank:	01Q5XX9XXXX1XX	01Q5X11XXXX1XX
Associated Field Blank:	01QDXX2XXXX1XX	01QDXX2XXXX1XX
Associated Trip Blank:	-	-

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	TR-133	TR-135	TR-136	TR-137	TR-137	TR-139	TR-141	TR-152
DEPTH:	2	12	2	2	2	6	12	4
ISIS ID:	01TR133002X1XX	01TR135012X1XX	01TR136002X1XX	01TR137002X1DX	01TR137002X1XX	01TR139006X1XX	01TR141012X1XX	01TR152004X1DX
LAB NUMBER:	AS050787	AS049615	AS049909	AS050200	AS050199	AS050492	AS050201	AS051201
DATE SAMPLED:	11/15/93	11/04/93	11/08/93	11/09/93	11/09/93	11/11/93	11/09/93	11/18/93
DATE ANALYZED:	11/19/93	11/10/93	11/11/93	11/14/93	11/16/93	11/16/93	11/14/93	11/24/93

ANALYTE	SOW-3/90 - II	CRQL	TR-133	TR-135	TR-136	TR-137	TR-137	TR-139	TR-141	TR-152
Chloromethane	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
Bromomethane	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
Vinyl Chloride	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
Chloroethane	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
Methylene Chloride	10		11 U	2400 J	12 U	13 U	12 U	11 U	11 U	110 J
Acetone	10		11 U	300	12 U	63 J	12 UJ	11 U	10 J	130 J
Carbon Disulfide	10		11 U	110	12 U	13 U	12 U	11 U	11 U	13 U
1,1-Dichloroethene	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
1,1-Dichloroethane	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
1,2-Dichloroethene (total)	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	9 J
Chloroform	10		11 U	2300 J	12 U	13 U	12 U	11 U	11 U	570 J
1,2-Dichloroethane	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
2-Butanone	10		11 U	60 U	12 U	9 J	12 U	11 U	11 U	36
1,1,1-Trichloroethane	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
Carbon Tetrachloride	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
Bromodichloromethane	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
1,2-Dichloropropane	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	7 J
cis-1,3-Dichloropropene	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
Trichloroethene	10		11 U	16 J	12 U	13 U	12 U	0.7 J	11 U	9 J
Dibromochloromethane	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
1,1,2-Trichloroethane	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
Benzene	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	9 J
trans-1,3-Dichloropropene	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
Bromoform	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
4-Methyl-2-Pentanone	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
2-Hexanone	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
Tetrachloroethene	10		11 U	770	12 U	13 U	12 U	11 U	0.2 J	240 J
1,1,2,2-Tetrachloroethane	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
Toluene	10		11 U	100	0.9 J	2 J	12 U	11 U	0.7 J	34 UJ
Chlorobenzene	10		11 U	230	12 U	12 U	12 U	11 U	2 J	38 J
Ethylbenzene	10		0.2 J	60 U	12 U	0.4 J	12 U	11 U	11 U	13 U
Styrene	10		11 U	60 U	12 U	13 U	12 U	11 U	11 U	13 U
Total Xylenes	10		11 U	8 J	12 U	2 J	12 U	11 U	11 U	13 U

Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:	87	84	81	76	80	86	89	74	

Associated Method Blank:	G7136	G7044	G7063	G7089	G7120	G7120	G7089	G7179
Associated Equipment Blank:	01QSXX9XXXX1XX	01QSXX5XXXX1XX	01QSXX9XXXX1XX	01QSXX9XXXX1XX	01QSXX9XXXX1XX	01QSXX9XXXX1XX	01QSXX7XXXX1XX	01QSXX9XXXX1XX
Associated Field Blank:	01QDXX2XXXX1XX	01QDXX1XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX	01QDXX2XXXX1XX
Associated Trip Blank:	-	-	-	-	-	-	-	-

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	SS-115	TR-106	TR-120	TR-122	TR-122	TR-124	TR-129	TR-132
DEPTH:	0	0	8	2	2	6	2	12
ISIS ID:	01SS115000X1XX	01TR106000X1XX	01TR120008X1XX	01TR122002X1DX	01TR122002X1XX	01TR124006X1XX	01TR129002X1XX	01TR132012X1XX
LAB NUMBER:	AS047934	AS048947	AS050202	AS049277	AS049275	AS050203	AS049276	AS050788
DATE SAMPLED:	10/21/93	11/01/93	11/10/93	11/02/93	11/02/93	11/10/93	11/03/93	11/15/93
DATE ANALYZED:	10/26/93	11/04/93	11/14/93	11/05/93	11/05/93	11/13/93	11/05/93	11/19/93

ANALYTE	SOW-3/90 - II	CRQL	SS-115	TR-106	TR-120	TR-122	TR-122	TR-124	TR-129	TR-132
Chloromethane	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Bromomethane	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Vinyl Chloride	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Chloroethane	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Methylene Chloride	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Acetone	10		12 U	11 U	21	11 U	11 U	10 J	11 U	11 U
Carbon Disulfide	10		12 U	11 U	3 J	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethene	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethane	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethene (total)	10		12 U	11 U	3 J	11 U	11 U	11 U	11 U	11 U
Chloroform	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethane	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
2-Butanone	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1,1-Trichloroethane	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Carbon Tetrachloride	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Bromodichloromethane	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloropropane	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Trichloroethene	10		12 U	11 U	5 J	11 U	11 U	11 U	11 U	11 U
Dibromochloromethane	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2-Trichloroethane	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Benzene	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Bromoform	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
4-Methyl-2-Pentanone	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	5 J
2-Hexanone	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Tetrachloroethene	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Toluene	10		12 U	6 J	3 J	11 U	2 J	7 J	3 J	11 U
Chlorobenzene	10		12 U	11 U	0.9 J	11 U	11 U	11 U	11 U	2 J
Ethylbenzene	10		12 U	11 U	0.2 J	11 U	11 U	11 U	11 U	11 U
Styrene	10		12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Total Xylenes	10		12 U	1 J	0.7 J	11 U	11 U	0.5 J	11 U	11 U

Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:	86	91	90	90	89	89	90	88	

Associated Method Blank:	H2763	H2866	G7089	G7011	G7011	G7089	G7011	G7136
Associated Equipment Blank:	-	01QSXX4XXXX1XX	01QSXX7XXXX1XX	01QSXX4XXXX1XX	01QSXX4XXXX1XX	01QSXX7XXXX1XX	01QSXX5XXXX1XX	01QSXX9XXXX1XX
Associated Field Blank:	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX2XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX2XXXX1XX	01QDXX1XXXX1XX	01QDXX2XXXX1XX
Associated Trip Blank:	-	-	-	-	-	-	-	-

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	SS-108	SS-109	SS-110	SS-111	SS-111	SS-112	SS-113	SS-114
DEPTH:	0	0	0	0	0	0	0	0
ISIS ID:	01SS108000X1XX	01SS109000X1XX	01SS110000X1XX	01SS111000X1DX	01SS111000X1XX	01SS112000X1XX	01SS113000X1XX	01SS114000X1XX
LAB NUMBER:	AS047928	AS047922	AS047924	AS047939	AS047931	AS047926	AS047927	AS047932
DATE SAMPLED:	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93
DATE ANALYZED:	10/26/93	10/26/93	10/26/93	10/27/93	10/26/93	10/26/93	10/26/93	10/26/93

ANALYTE	SOW-3/90 - II	CRQL							
Chloromethane	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Bromomethane	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Vinyl Chloride	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Chloroethane	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Methylene Chloride	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Acetone	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Carbon Disulfide	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
1,1-Dichloroethene	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
1,1-Dichloroethane	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
1,2-Dichloroethene (total)	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Chloroform	10	12 U	13 U	1 J	13 U	0.4 J	11 U	12 U	0.5 J
1,2-Dichloroethane	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
2-Butanone	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
1,1,1-Trichloroethane	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Carbon Tetrachloride	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Bromodichloromethane	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
1,2-Dichloropropane	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
cis-1,3-Dichloropropene	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Trichloroethene	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Dibromochloromethane	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
1,1,2-Trichloroethane	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Benzene	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
trans-1,3-Dichloropropene	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Bromoform	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
4-Methyl-2-Pentanone	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
2-Hexanone	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Tetrachloroethene	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
1,1,2,2-Tetrachloroethane	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Toluene	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Chlorobenzene	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Ethylbenzene	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Styrene	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
Total Xylenes	10	12 U	13 U	11 U	13 U	12 U	11 U	12 U	11 U
=====									
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:	82	78	87	74	85	87	80	88	
=====									
Associated Method Blank:	H2763	H2763	H2763	H2786	H2763	H2763	H2763	H2763	H2763
Associated Equipment Blank:	-	-	-	-	-	-	-	-	-
Associated Field Blank:	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX
Associated Trip Blank:	-	-	-	-	-	-	-	-	-

Site: Olin Rochester Phase I RI/FS

Table 2
Validation / Summary Table

LOCATION:	SS-101	SS-102	SS-102	SS-103	SS-104	SS-105	SS-106	SS-107
DEPTH:	0	0	0	0	0	0	0	0
ISIS ID:	01SS101000X1XX	01SS102000X1DX	01SS102000X1XX	01SS103000X1XX	01SS104000X1XX	01SS105000X1XX	01SS106000X1XX	01SS107000X1XX
LAB NUMBER:	AS047923	AS047938	AS047925	AS047930	AS047929	AS047933	AS047935	AS047921
DATE SAMPLED:	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93	10/21/93
DATE ANALYZED:	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93

ANALYTE	SOW-3/90 - II	CRQL							
Chloromethane	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Bromomethane	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Vinyl Chloride	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Chloroethane	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Methylene Chloride	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Acetone	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Carbon Disulfide	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
1,1-Dichloroethene	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
1,1-Dichloroethane	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
1,2-Dichloroethene (total)	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Chloroform	10	13 U	0.4 J	0.5 J	11 U	14 U	11 U	12 U	12 U
1,2-Dichloroethane	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
2-Butanone	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
1,1,1-Trichloroethane	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Carbon Tetrachloride	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Bromodichloromethane	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
1,2-Dichloropropane	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
cis-1,3-Dichloropropene	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Trichloroethene	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Dibromochloromethane	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
1,1,2-Trichloroethane	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Benzene	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
trans-1,3-Dichloropropene	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Bromoform	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
4-Methyl-2-Pentanone	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
2-Hexanone	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Tetrachloroethene	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
1,1,2,2-Tetrachloroethane	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Toluene	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Chlorobenzene	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Ethylbenzene	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Styrene	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U
Total Xylenes	10	13 U	11 U	12 U	11 U	14 U	11 U	12 U	12 U

Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:	75	87	84	90	68	90	83	83

Associated Method Blank:	H2763	H2763	H2763	H2763	H2763	H2763	H2763	H2763
Associated Equipment Blank:	-	-	-	-	-	-	-	-
Associated Field Blank:	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX	01QDXX1XXXX1XX
Associated Trip Blank:	-	-	-	-	-	-	-	-

Site: Olin Rochester Phase I RI/FS

**LABORATORY ANALYTICAL DATA
SURFACE AND SUBSURFACE SOIL**

ABB Environmental Services, Inc.

W - Post digestion spike for furnace atomic absorption analysis is outside control limits.

* - Duplicate analysis not within control limits.

+ - Correlation coefficient for the Method of Standard Additions was less than 0.995.

Other Notations:

NR - Analysis not requested.

LABORATORY AND VALIDATION DATA QUALIFIER DEFINITIONS

Organic Data Qualifiers:

- U - Indicates that compound was analyzed but not detected.
- J - Indicates an estimated concentration because results are either below the contract required detection limit (CRQL) or quality control criteria were not met.
- B - Indicates analyte was detected in both the sample and the associated laboratory method blank.
- E - Indicates that the analyte concentration exceeded the calibration range of the GC/MS and that re-analysis of a diluted sample is required.
- D - Indicates that sample concentration was obtained by dilution to bring result within calibration range.
- C - Pesticide identification has been confirmed by GC/MS
- R - Indicates that data is unusable because QC criteria were not met.
- X - Laboratory-defined qualifier used to provide additional information not covered by the other qualifiers.

Inorganic Data Qualifiers:

- U - Indicates that compound was analyzed but not detected.
- [] - Concentration reported is below CRQL.
- E - The reported concentration is estimated because of the presence of an interference.
- J - Indicates an estimated concentration because QC criteria were not met.
- R - Indicates that data is unusable because QC criteria were not met.
- M - Duplicate precision criteria were not met.
- N - Spiked sample recovery not within control limits.
- S - The reported concentration was determined by the Method of Standard Additions.

B-2 LABORATORY ANALYTICAL DATA

Soil Data

Groundwater Data

Tentatively Identified Compounds

Validation Memoranda

Field and Off-Site Laboratory Data Comparisons

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01
LOCATION:	TW-161	TW-161
DEPTH:	012	012
SAMPLE ID:	01TW161012X1RF	01TW161012X1XF
MATRIX:	Water	Water
DATE ANALYZED:	22 Nov 93	22 Nov 93
GC ID:	GC-A	GC-B

	MRL		
1.0	NA	NA	
0.1	NA	NA	
0.1	NA	NA	
0.0	NA	NA	
1,1-DICHLOROETHENE	1.0	1.0 U	NA
METHYLENE CHLORIDE	1.0	1500 E	NA
TRANS-1,2-DICHLOROETHENE	1.0	5.5	NA
CIS-1,2-DICHLOROETHENE	1.0	16	NA
CHLOROFORM	1.0	11	NA
1,1,1-TRICHLOROETHANE	1.0	1.0 U	NA
CARBON TETRACHLORIDE	1.0	1.0 U	NA
TRICHLOROETHENE	1.0	19	NA
TETRACHLOROETHENE	1.0	4.5	NA
2-CHLOROPYRIDINE	100	NA	100 U
3-CHLOROPYRIDINE	1000	NA	1000 U
4-CHLOROPYRIDINE	50.0	NA	50 U
2,6-DICHLOROPYRIDINE	50.0	NA	450

Multiplier: 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TW-157	TW-157	TW-158	TW-158	TW-159	TW-159	TW-160	TW-160	TW-160
DEPTH:	015	015	015	015	013	013	006	006	006
SAMPLE ID:	01TW157015X1XF	01TW157015X1XF	01TW158015X1XF	01TW158015X1XF	01TW159013X1XF	01TW159013X1XF	01TW160006X1XF	01TW160006X1XF	01TW160006X1XF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	22 Nov 93	22 Nov 93	21 Nov 93	22 Nov 93	22 Nov 93	22 Nov 93	22 Nov 93	22 Nov 93	22 Nov 93
GC ID:	GC-A	GC-B	GC-B	GC-A	GC-A	GC-B	GC-A	GC-B	GC-B

	MRL								
1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	1.0 U	NA	NA	1000 U	1000 U	NA	1.0 U	NA
METHYLENE CHLORIDE	1.0	1.0 U	NA	NA	1000 U	1000 U	NA	1.0 U	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	NA	NA	1000 U	1000 U	NA	1.0 U	NA
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	NA	NA	1000 U	1000 U	NA	1.0 U	NA
CHLOROFORM	1.0	1.0 U	NA	NA	52000 ES	9300	NA	1.0 U	NA
1,1,1-TRICHLOROETHANE	1.0	1.0 U	NA	NA	1000 U	1000 U	NA	1.0 U	NA
CARBON TETRACHLORIDE	1.0	6.5 BJ	NA	NA	230000 EJS	48000 EJ	NA	1.0 U	NA
TRICHLOROETHENE	1.0	1.0 U	NA	NA	1900 S	1000 U	NA	5.7	NA
TETRACHLOROETHENE	1.0	1.0 U	NA	NA	1400 S	1000 U	NA	3.7	NA
2-CHLOROPYRIDINE	100	NA	100 U	140000	NA	NA	100 U	NA	100 U
3-CHLOROPYRIDINE	1000	NA	1000 U	1000 U	NA	NA	1000 U	NA	1000 U
4-CHLOROPYRIDINE	50.0	NA	50 U	4200	NA	NA	50 U	NA	50 U
2,6-DICHLOROPYRIDINE	50.0	NA	50 U	25000	NA	NA	1900	NA	500

Multiplier: 1.00 1.00 1.00 1000.0 1000.0 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TW-152	TW-152	TW-153	TW-153	TW-154	TW-154	TW-155	TW-155
DEPTH:	013	013	018	018	017	017	014	014
SAMPLE ID:	01TW152013X1XF	01TW152013X1XF	01TW153018X1XF	01TW153018X1XF	01TW154017X1XF	01TW154017X1XF	01TW155014X1XF	01TW155014X1XF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	19 Nov 93	19 Nov 93	18 Nov 93	18 Nov 93	19 Nov 93	19 Nov 93	18 Nov 93	18 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B

MRL

	1.0	NA	NA	NA	NA	NA	NA	NA	NA
	0.1	NA	NA	NA	NA	NA	NA	NA	NA
	0.1	NA	NA	NA	NA	NA	NA	NA	NA
	0.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	1.2	NA	240	NA	1.0 U	NA	1.0 U	NA
METHYLENE CHLORIDE	1.0	200	NA	480 E	NA	1.0 U	NA	1.0 U	NA
TRANS-1,2-DICHLOROETHENE	1.0	33	NA	10 U	NA	1.0 U	NA	1.0 U	NA
CIS-1,2-DICHLOROETHENE	1.0	420	NA	10 U	NA	1.0 U	NA	1.0 U	NA
CHLOROFORM	1.0	990	NA	320	NA	1.0 U	NA	1.0 U	NA
1,1,1-TRICHLOROETHANE	1.0	7.6	NA	10 U	NA	1.0 U	NA	1.0 U	NA
CARBON TETRACHLORIDE	1.0	5.0	NA	10 U	NA	1.0 U	NA	1.0 U	NA
TRICHLOROETHENE	1.0	41 E	NA	12	NA	1.4	NA	1.0 U	NA
TETRACHLOROETHENE	1.0	470	NA	92	NA	1.0 U	NA	1.0 U	NA
2-CHLOROPYRIDINE	100	NA	10000	NA	84000	NA	100 U	NA	100 U
3-CHLOROPYRIDINE	1000	NA	1000 U	NA	1000 U	NA	1000 U	NA	1000 U
4-CHLOROPYRIDINE	50.0	NA	50 U	NA	5500	NA	50 U	NA	50 U
2,6-DICHLOROPYRIDINE	50.0	NA	4800	NA	5900	NA	910	NA	58

Multiplier: 1.00 1.00 10.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TW-148	TW-148	TW-149	TW-149	TW-150	TW-150	TW-151	TW-151	TW-151
DEPTH:	012	012	010	010	017	017	009	009	009
SAMPLE ID:	01TW148012X1XF	01TW148012X1XF	01TW149010X1XF	01TW149010X1XF	01TW150017X1XF	01TW150017X1XF	01TW151009X1XF	01TW151009X1XF	01TW151009X1XF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	16 Nov 93	17 Nov 93	16 Nov 93	17 Nov 93	19 Nov 93	19 Nov 93	18 Nov 93	18 Nov 93	18 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-B

	MRL								
1,1-DICHLOROETHENE	1.0	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	0.1	NA	NA	NA	NA	NA	NA	NA	NA
TRANS-1,2-DICHLOROETHENE	0.1	NA	NA	NA	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	0.0	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	1.0	1.0 U	NA	1.0 U	NA	1.0 U	NA	6.1	NA
1,1,1-TRICHLOROETHANE	1.0	120	NA	1.0 U	NA	1.0 U	NA	870	NA
CARBON TETRACHLORIDE	1.0	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
TRICHLOROETHENE	1.0	1.0 U	NA	1.0 U	NA	1.0 U	NA	26	NA
TETRACHLOROETHENE	1.0	2300	NA	2.0	NA	1.0 U	NA	4800 E	NA
2-CHLOROPYRIDINE	1.0	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
3-CHLOROPYRIDINE	1.0	1500	NA	1.8	NA	1.0 U	NA	17	NA
4-CHLOROPYRIDINE	1.0	2.8	NA	1.0 U	NA	1.0 U	NA	19	NA
2,6-DICHLOROPYRIDINE	1.0	7.2	NA	1.0 U	NA	1.0 U	NA	300	NA
	100	NA	100 U	NA	100 U	NA	100 U	NA	24000
	1000	NA	1000 U	NA	1000 U	NA	1000 U	NA	1000 U
	50.0	NA	50 U	NA	50 U	NA	50 U	NA	2000
	50.0	NA	290	NA	50 U	NA	200	NA	11000 E

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TW-143	TW-143	TW-144	TW-144	TW-145	TW-145	TW-147	TW-147	TW-147
DEPTH:	013	013	008	008	017	017	017	017	017
SAMPLE ID:	01TW143013X1XF	01TW143013X1XF	01TW144008X1XF	01TW144008X1XF	01TW145017X1XF	01TW145017X1XF	01TW147017X1XF	01TW147017X1XF	01TW147017X1XF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	17 Nov 93	17 Nov 93	17 Nov 93	17 Nov 93	20 Nov 93	20 Nov 93	20 Nov 93	20 Nov 93	20 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-B

	MRL	01	01	01	01	01	01	01	01
1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
METHYLENE CHLORIDE	1.0	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
CHLOROFORM	1.0	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
1,1,1-TRICHLOROETHANE	1.0	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
CARBON TETRACHLORIDE	1.0	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
TRICHLOROETHENE	1.0	1.0 U	NA	1.0 U	NA	1.0 U	NA	14	NA
TETRACHLOROETHENE	1.0	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
2-CHLOROPYRIDINE	100	NA	100 U	NA	100 U	NA	100 U	NA	100 U
3-CHLOROPYRIDINE	1000	NA	1000 U	NA	1000 U	NA	1000 U	NA	1000 U
4-CHLOROPYRIDINE	50.0	NA	50 U	NA	50 U	NA	50 U	NA	50 U
2,6-DICHLOROPYRIDINE	50.0	NA	50 U	NA	50 U	NA	50 U	NA	50 U

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TW-140	TW-140	TW-141	TW-141	TW-142	TW-142	TW-142	TW-142	TW-142
DEPTH:	009	009	013	013	013	013	013	013	013
SAMPLE ID:	01TW140009X1XF	01TW140009X1XF	01TW141013X1XF	01TW141013X1XF	01TW142013X1DF	01TW142013X1DF	01TW142013X1XF	01TW142013X1XF	01TW142013X1XF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	10 Nov 93	10 Nov 93	10 Nov 93	10 Nov 93	16 Nov 93	17 Nov 93	16 Nov 93	16 Nov 93	17 Nov 93
GC ID:	GC-B	GC-A	GC-A	GC-B	GC-A	GC-B	GC-A	GC-A	GC-B

	MRL								
	1.0	NA	NA	NA	NA	NA	NA	NA	NA
	0.1	NA	NA	NA	NA	NA	NA	NA	NA
	0.1	NA	NA	NA	NA	NA	NA	NA	NA
	0.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	NA	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA
METHYLENE CHLORIDE	1.0	NA	1.0 U	26	NA	1.0 U	NA	1.0 U	NA
TRANS-1,2-DICHLOROETHENE	1.0	NA	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA
CIS-1,2-DICHLOROETHENE	1.0	NA	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA
CHLOROFORM	1.0	NA	1.0 U	74 E	NA	1.0 U	NA	1.0 U	NA
1,1,1-TRICHLOROETHANE	1.0	NA	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA
CARBON TETRACHLORIDE	1.0	NA	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA
TRICHLOROETHENE	1.0	NA	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA
TETRACHLOROETHENE	1.0	NA	1.0 U	2.6	NA	1.0 U	NA	1.0 U	NA
2-CHLOROPYRIDINE	100	100 U	NA	NA	100 U	NA	100 U	NA	100 U
3-CHLOROPYRIDINE	1000	1000 U	NA	NA	1000 U	NA	1000 U	NA	1000 U
4-CHLOROPYRIDINE	50.0	50 U	NA	NA	50 U	NA	50 U	NA	50 U
2,6-DICHLOROPYRIDINE	50.0	50 U	NA	NA	50 U	NA	960	NA	1100

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TW-137	TW-138	TW-138	TW-138	TW-138	TW-139	TW-139	TW-140
DEPTH:	008	010	010	010	010	007	007	009
SAMPLE ID:	01TW137008X1XF	01TW138010X1DF	01TW138010X1DF	01TW138010X1XF	01TW138010X1XF	01TW139007X1XF	01TW139007X1XF	01TW140009X1XF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	09 Nov 93	09 Nov 93	09 Nov 93	08 Nov 93	09 Nov 93	11 Nov 93	11 Nov 93	10 Nov 93
GC ID:	GC-B	GC-A	GC-B	GC-B	GC-A	GC-A	GC-B	GC-A

	MRL								
1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	NA	1.0 U	NA	NA	1.0 U	1.0 U	NA	1.0 U
METHYLENE CHLORIDE	1.0	NA	13	NA	NA	11	1.0 U	NA	1.0 U
TRANS-1,2-DICHLOROETHENE	1.0	NA	1.0 U	NA	NA	1.0 U	1.0 U	NA	1.0 U
CIS-1,2-DICHLOROETHENE	1.0	NA	1.0 U	NA	NA	1.0 U	1.0 U	NA	1.0 U
CHLOROFORM	1.0	NA	1.0 U	NA	NA	1.0 U	1.0 U	NA	1.0 U
1,1,1-TRICHLOROETHANE	1.0	NA	1.0 U	NA	NA	1.0 U	1.0 U	NA	1.0 U
CARBON TETRACHLORIDE	1.0	NA	1.0 U	NA	NA	1.0 U	1.0 U	NA	1.0 U
TRICHLOROETHENE	1.0	NA	1.6	NA	NA	1.2	1.0	NA	1.0 U
TETRACHLOROETHENE	1.0	NA	1.0 UJ	NA	NA	1.0 UJ	1.0 U	NA	1.0 U
2-CHLOROPYRIDINE	100	100 U	NA	100 U	2700	NA	NA	100 U	NA
3-CHLOROPYRIDINE	1000	1000 UM	NA	3100 JM	1000 U	NA	NA	1000 U	NA
4-CHLOROPYRIDINE	50.0	50 UM	NA	3700 JM	50 U	NA	NA	50 U	NA
2,6-DICHLOROPYRIDINE	50.0	99	NA	460	510	NA	NA	50 U	NA

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TW-133	TW-134	TW-134	TW-135	TW-135	TW-136	TW-136	TW-137
DEPTH:	011	015	015	018	018	009	009	008
SAMPLE ID:	01TW133011X1XF	01TW134015X1XF	01TW134015X1XF	01TW135018X1RF	01TW135018X1XF	01TW136009X1XF	01TW136009X1XF	01TW137008X1XF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	16 Nov 93	05 Nov 93	08 Nov 93	04 Nov 93	08 Nov 93	08 Nov 93	08 Nov 93	09 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-A	GC-B	GC-A

	MRL								
1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	10 U	NA	250 U	NA	250 US	500 U	NA	1.0 U
METHYLENE CHLORIDE	1.0	44	NA	2600	NA	4800 S	890	NA	1.0 U
TRANS-1,2-DICHLOROETHENE	1.0	10 U	NA	250 U	NA	250 US	500 U	NA	1.0 U
CIS-1,2-DICHLOROETHENE	1.0	17	NA	250 U	NA	250 US	500 U	NA	1.0 U
CHLOROFORM	1.0	1200	NA	11000	NA	3800 S	500 U	NA	1.0 U
1,1,1-TRICHLOROETHANE	1.0	10 U	NA	250 U	NA	250 US	500 U	NA	1.0 U
CARBON TETRACHLORIDE	1.0	570	NA	20000 E	NA	250 US	730	NA	1.0 U
TRICHLOROETHENE	1.0	18	NA	250 U	NA	250 US	500 U	NA	1.0 U
TETRACHLOROETHENE	1.0	160	NA	450	NA	250 US	500 U	NA	1.0 UJ
2-CHLOROPYRIDINE	100	NA	240000	NA	82000	NA	NA	17000	NA
3-CHLOROPYRIDINE	1000	NA	1000 U	NA	4000 U	NA	NA	1000 U	NA
4-CHLOROPYRIDINE	50.0	NA	9700	NA	12000	NA	NA	50 U	NA
2,6-DICHLOROPYRIDINE	50.0	NA	16000 E	NA	26000	NA	NA	1600	NA

Multiplier: 10.00 1.00 250.00 4.00 250.00 500.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TW-130	TW-131	TW-131	TW-132	TW-132	TW-132	TW-132	TW-132	TW-133
DEPTH:	008	000	000	011	011	011	011	011	011
SAMPLE ID:	01TW130008X1XF	01TW131000X1XF	01TW131000X1XF	01TW132011X1DF	01TW132011X1DF	01TW132011X1XF	01TW132011X1XF	01TW132011X1XF	01TW133011X1RF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	12 Nov 93	12 Nov 93	16 Nov 93	13 Nov 93	16 Nov 93	13 Nov 93	16 Nov 93	16 Nov 93	16 Nov 93
GC ID:	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-B	GC-B
	MRL								
1,1-DICHLOROETHENE	1.0	5.0 U	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	0.1	5.0 U	NA	NA	NA	NA	NA	NA	NA
TRANS-1,2-DICHLOROETHENE	0.1	5.0 U	NA	NA	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	0.0	5.0 U	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	1.0	NA	180	NA	200 U	NA	2.1	NA	NA
1,1,1-TRICHLOROETHANE	1.0	NA	3200 E	NA	200 U	NA	55	NA	NA
CARBON TETRACHLORIDE	1.0	NA	10 U	NA	200 U	NA	1.0 U	NA	NA
TRICHLOROETHENE	1.0	NA	10 U	NA	200 U	NA	1.0 U	NA	NA
TETRACHLOROETHENE	1.0	NA	11	NA	9200	NA	8600	NA	NA
2-CHLOROPYRIDINE	100	66000 J	NA	100 U	NA	100 U	NA	100 U	100 U
3-CHLOROPYRIDINE	1000	5000 U	NA	1000 U	NA	1000 U	NA	1000 U	1000 U
4-CHLOROPYRIDINE	50.0	250 U	NA	50 U	NA	50 U	NA	50 U	50 U
2,6-DICHLOROPYRIDINE	50.0	250 U	NA	140	NA	140	NA	130	41000

Multiplier: 5.00 10.00 1.00 200.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TW-126	TW-127	TW-127	TW-128	TW-128	TW-129	TW-129	TW-130	
DEPTH:	015	015	015	014	014	010	010	008	
SAMPLE ID:	01TW126015X1XF	01TW127015X1XF	01TW127015X1XF	01TW128014X1XF	01TW128014X1XF	01TW129010X1XF	01TW129010X1XF	01TW130008X1XF	
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water	
DATE ANALYZED:	27 Oct 93	27 Oct 93	27 Oct 93	11 Nov 93	11 Nov 93	03 Nov 93	03 Nov 93	12 Nov 93	
GC ID:	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	

	MRL								
1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	140
METHYLENE CHLORIDE	1.0	NA	1.0 U	NA	1.4	NA	1.0 U	NA	66
TRANS-1,2-DICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	5.0 U
CIS-1,2-DICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	5.0 U
CHLOROFORM	1.0	NA	1.0 U	NA	1.1	NA	1.0 UM	NA	35
1,1,1-TRICHLOROETHANE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	5.0 U
CARBON TETRACHLORIDE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	5.0 U
TRICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	6.2
TETRACHLOROETHENE	1.0	NA	1.0 U	NA	8.4	NA	1.0 U	NA	5.0 U
2-CHLOROPYRIDINE	100	100 U	NA	100 U	NA	100 U	NA	100 U	NA
3-CHLOROPYRIDINE	1000	1000 U	NA	1000 U	NA	1000 U	NA	1000 UM	NA
4-CHLOROPYRIDINE	50.0	50 U	NA	50 U	NA	50 U	NA	50 UM	NA
2,6-DICHLOROPYRIDINE	50.0	50 U	NA	50 U	NA	50 U	NA	240	NA

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 5.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TW-121	TW-122	TW-122	TW-122	TW-122	TW-125	TW-125	TW-126
DEPTH:	013	010	010	010	010	015	015	015
SAMPLE ID:	01TW121013X1XF	01TW122010X1DF	01TW122010X1DF	01TW122010X1XF	01TW122010X1XF	01TW125015X1XF	01TW125015X1XF	01TW126015X1XF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	12 Nov 93	03 Nov 93	03 Nov 93	03 Nov 93	03 Nov 93	27 Oct 93	27 Oct 93	27 Oct 93
GC ID:	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A

	MRL								
1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	NA	2.2	NA	2.4	NA	1.0 U	NA	1.0 U
METHYLENE CHLORIDE	1.0	NA	1.8	NA	1.9	NA	1.0 U	NA	1.0 U
TRANS-1,2-DICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U
CIS-1,2-DICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U
CHLOROFORM	1.0	NA	25 M	NA	26 M	NA	1.9	NA	1.0 U
1,1,1-TRICHLOROETHANE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U
CARBON TETRACHLORIDE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U
TRICHLOROETHENE	1.0	NA	4.4	NA	4.7	NA	1.0 U	NA	1.0 U
TETRACHLOROETHENE	1.0	NA	1.3	NA	1.4	NA	1.0 U	NA	1.0 U
2-CHLOROPYRIDINE	100	100 U	NA	100 U	NA	100 U	NA	100 U	NA
3-CHLOROPYRIDINE	1000	1000 U	NA	1000 UM	NA	1000 UM	NA	1000 U	NA
4-CHLOROPYRIDINE	50.0	50 U	NA	50 UM	NA	50 UM	NA	50 U	NA
2,6-DICHLOROPYRIDINE	50.0	50 U	NA	150	NA	140	NA	50 U	NA

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TW-114	TW-115	TW-115	TW-116	TW-116	TW-117	TW-117	TW-118
DEPTH:	009	009	009	010	010	014	014	015
SAMPLE ID:	01TW114009X1XF	01TW115009X1XF	01TW115009X1XF	01TW116010X1XF	01TW116010X1XF	01TW117014X1XF	01TW117014X1XF	01TW118015X1XF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	22 Oct 93	26 Oct 93	26 Oct 93	26 Oct 93	26 Oct 93	27 Oct 93	27 Oct 93	27 Oct 93
GC ID:	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A

	MRL	01	01	01	01	01	01	01
	1.0	NA	NA	NA	NA	NA	NA	NA
	0.1	NA	NA	NA	NA	NA	NA	NA
	0.1	NA	NA	NA	NA	NA	NA	NA
	0.0	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U
METHYLENE CHLORIDE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U
CIS-1,2-DICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U
CHLOROFORM	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U
CARBON TETRACHLORIDE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U
TRICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U
TETRACHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U
2-CHLOROPYRIDINE	100	100 U	NA	100 U	NA	100 U	100 U	NA
3-CHLOROPYRIDINE	1000	1000 U	NA	1000 UM	NA	1000 UM	1000 U	NA
4-CHLOROPYRIDINE	50.0	50 U	NA	50 UM	NA	50 UM	50 U	NA
2,6-DICHLOROPYRIDINE	50.0	50 U	NA	110	NA	50 U	50 U	NA

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TW-118	TW-119	TW-119	TW-120	TW-120	TW-121	TW-121	TW-121
DEPTH:	015	006	006	008	008	013	013	013
SAMPLE ID:	01TW118015X1XF	01TW119006X1XF	01TW119006X1XF	01TW120008X1XF	01TW120008X1XF	01TW121013X1DF	01TW121013X1DF	01TW121013X1XF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	27 Oct 93	01 NOV 93	01 NOV 93	10 Nov 93	10 Nov 93	12 Nov 93	12 Nov 93	12 Nov 93
GC ID:	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A

	MRL	01	01	01	01	01	01	01
1.0	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA
0.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
METHYLENE CHLORIDE	1.0	NA	5000 S	NA	1.0 U	NA	54	NA
TRANS-1,2-DICHLOROETHENE	1.0	NA	11	NA	1.0 U	NA	1.0 U	NA
CIS-1,2-DICHLOROETHENE	1.0	NA	6.7	NA	13	NA	1.0 U	NA
CHLOROFORM	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
1,1,1-TRICHLOROETHANE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
CARBON TETRACHLORIDE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA
TRICHLOROETHENE	1.0	NA	15	NA	12	NA	1.0 U	NA
TETRACHLOROETHENE	1.0	NA	3.9	NA	1.0 U	NA	1.0 U	NA
2-CHLOROPYRIDINE	100	100 U	NA	100 U	NA	100 U	NA	100 U
3-CHLOROPYRIDINE	1000	1000 U	NA	1000 U	NA	1000 U	NA	1000 U
4-CHLOROPYRIDINE	50.0	50 U	NA	50 U	NA	50 U	NA	50 U
2,6-DICHLOROPYRIDINE	50.0	50 U	NA	720	NA	50 U	NA	50 U

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TW-110	TW-111	TW-111	TW-112	TW-112	TW-113	TW-113	TW-114
DEPTH:	012	009	009	011	011	006	006	009
SAMPLE ID:	01TW110012X1XF	01TW111009X1XF	01TW111009X1XF	01TW112011X1XF	01TW112011X1XF	01TW113006X1XF	01TW113006X1XF	01TW114009X1XF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	21 Oct 93	25 Oct 93	25 Oct 93	22 Oct 93	22 Oct 93	25 Oct 93	26 Oct 93	22 Oct 93
GC ID:	GC-A	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A

	MRL							
1.0	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA
0.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	1.1	1.0 U	NA	1.0 U	NA	1.0 U	NA
METHYLENE CHLORIDE	1.0	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA
CHLOROFORM	1.0	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA
1,1,1-TRICHLOROETHANE	1.0	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA
CARBON TETRACHLORIDE	1.0	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA
TRICHLOROETHENE	1.0	1.4	1.0 U	NA	1.0 U	NA	1.0 U	NA
TETRACHLOROETHENE	1.0	7.8	1.0 U	NA	1.0 U	NA	1.0 U	NA
2-CHLOROPYRIDINE	100	NA	NA	100 U	NA	100 U	NA	100 U
3-CHLOROPYRIDINE	1000	NA	NA	1000 U	NA	1000 U	NA	1000 U
4-CHLOROPYRIDINE	50.0	NA	NA	50 U	NA	50 U	NA	50 U
2,6-DICHLOROPYRIDINE	50.0	NA	NA	50 U	NA	50 U	NA	50 U

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TW-106	TW-107	TW-107	TW-108	TW-108	TW-109	TW-109	TW-110
DEPTH:	012	008	008	009	009	013	013	012
SAMPLE ID:	01TW106012X1XF	01TW107008X1XF	01TW107008X1XF	01TW108009X1XF	01TW108009X1XF	01TW109013X1XF	01TW109013X1XF	01TW110012X1RF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	01 NOV 93	26 Oct 93	26 Oct 93	20 Oct 93	20 Oct 93	21 Oct 93	21 Oct 93	21 Oct 93
GC ID:	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-B

	MRL								
1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	NA
METHYLENE CHLORIDE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	NA
TRANS-1,2-DICHLOROETHENE	1.0	NA	2.2	NA	1.0 U	NA	1.0 U	NA	NA
CIS-1,2-DICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	NA
CHLOROFORM	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	NA
1,1,1-TRICHLOROETHANE	1.0	NA	1.0 U	NA	1.0 U	NA	1.3	NA	NA
CARBON TETRACHLORIDE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	NA
TRICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	NA
TETRACHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	NA
2-CHLOROPYRIDINE	100	100 U	NA	5800	NA	100 U	NA	100 U	100 U
3-CHLOROPYRIDINE	1000	1000 U	NA	1000 UM	NA	1000 U	NA	1000 U	1000 U
4-CHLOROPYRIDINE	50.0	50 U	NA	50 UM	NA	50 U	NA	50 U	50 U
2,6-DICHLOROPYRIDINE	50.0	1000	NA	1000	NA	50 U	NA	50 U	650

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TW-103	TW-104	TW-104	TW-105	TW-105	TW-105	TW-105	TW-105	TW-106
DEPTH:	014	019	019	014	014	014	014	014	012
SAMPLE ID:	01TW103014X1XF	01TW104019X1XF	01TW104019X1XF	01TW105014X1DF	01TW105014X1DF	01TW105014X1XF	01TW105014X1XF	01TW105014X1XF	01TW106012X1RF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	21 Oct 93	22 Oct 93	22 Oct 93	26 Oct 93	26 Oct 93	26 Oct 93	26 Oct 93	26 Oct 93	01 NOV 93
GC ID:	GC-A	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-B	GC-A

	MRL								
	1.0	NA	NA	NA	NA	NA	NA	NA	NA
	0.1	NA	NA	NA	NA	NA	NA	NA	NA
	0.1	NA	NA	NA	NA	NA	NA	NA	NA
	0.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	1.0 U	1.0	NA	1.0 U	NA	1.0 U	NA	10 U
METHYLENE CHLORIDE	1.0	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	18000 E
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	10 U
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	50
CHLOROFORM	1.0	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	59
1,1,1-TRICHLOROETHANE	1.0	1.0 U	1.0 U	NA	2.7	NA	2.6	NA	10 U
CARBON TETRACHLORIDE	1.0	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	10 U
TRICHLOROETHENE	1.0	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	120
TETRACHLOROETHENE	1.0	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	10 U
2-CHLOROPYRIDINE	100	NA	NA	100 U	NA	100 U	NA	100 U	NA
3-CHLOROPYRIDINE	1000	NA	NA	1000 U	NA	1000 UM	NA	1000 UM	NA
4-CHLOROPYRIDINE	50.0	NA	NA	50 U	NA	50 UM	NA	50 UM	NA
2,6-DICHLOROPYRIDINE	50.0	NA	NA	320	NA	50 U	NA	50 U	NA

Multiplier:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	10.00
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NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TW*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TW-101	TW-101	TW-101	TW-102	TW-102	TW-102	TW-102	TW-103
DEPTH:	012	012	012	012	012	012	012	014
SAMPLE ID:	01TW101012X1SF	01TW101012X1XF	01TW101012X1XF	01TW102012X1DF	01TW102012X1DF	01TW102012X1RF	01TW102012X1XF	01TW103014X1RF
MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water
DATE ANALYZED:	20 Oct 93	20 Oct 93	20 Oct 93	20 Oct 93	20 Oct 93	20 Oct 93	20 Oct 93	21 Oct 93
GC ID:	GC-B	GC-A	GC-B	GC-A	GC-B	GC-B	GC-A	GC-B

	MRL							
1.0	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA
0.1	NA	NA	NA	NA	NA	NA	NA	NA
0.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	1.0	NA	1.0 U	NA	2.1	NA	NA	1.7
METHYLENE CHLORIDE	1.0	NA	8.1	NA	3.1	NA	NA	7.7
TRANS-1,2-DICHLOROETHENE	1.0	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
CIS-1,2-DICHLOROETHENE	1.0	NA	1.0 U	NA	32	NA	NA	24
CHLOROFORM	1.0	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
1,1,1-TRICHLOROETHANE	1.0	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
CARBON TETRACHLORIDE	1.0	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
TRICHLOROETHENE	1.0	NA	36 E	NA	82 E	NA	NA	70 E
TETRACHLOROETHENE	1.0	NA	45 E	NA	9.2	NA	NA	5.3
2-CHLOROPYRIDINE	100	57000	NA	11000	NA	130000	130000	NA
3-CHLOROPYRIDINE	1000	1000 U	NA	1000 U	NA	6500	6800	NA
4-CHLOROPYRIDINE	50.0	31000	NA	50 U	NA	50 U	50 U	NA
2,6-DICHLOROPYRIDINE	50.0	1400	NA	1900	NA	11000 E	12000 E	NA
								4700
								1000 U
								50 U
								820

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

**FIELD ANALYTICAL DATA
GROUNDWATER**

ABB Environmental Services, Inc.

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01
LOCATION:	TR-160	TR-160	TR-161	TR-161
DEPTH:	002	002	002	002
SAMPLE ID:	01TR160002X1XF	01TR160002X1XF	01TR161002X1XF	01TR161002X1XF
MATRIX:	Soil	Soil	Soil	Soil
DATE ANALYZED:	22 Nov 93	22 Nov 93	22 Nov 93	22 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B

	MRL				
1,1-DICHLOROETHENE	1.0	1.2 U	NA	1.2 U	NA
METHYLENE CHLORIDE	1.0	1.2 U	NA	1.2 U	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.2 U	NA	1.2 U	NA
CIS-1,2-DICHLOROETHENE	1.0	1.2 U	NA	1.2 U	NA
CHLOROFORM	1.0	1.2 U	NA	1.2 U	NA
1,1,1-TRICHLOROETHANE	1.0	1.2 U	NA	1.2 U	NA
CARBON TETRACHLORIDE	1.0	3.4 BJ	NA	2.7 BJ	NA
TRICHLOROETHENE	1.0	1.2 U	NA	1.2 U	NA
TETRACHLOROETHENE	1.0	1.2 U	NA	1.2 U	NA
2-CHLOROPYRIDINE	100	NA	240 U	NA	240 U
3-CHLOROPYRIDINE	1000	NA	2400 U	NA	2400 U
4-CHLOROPYRIDINE	50.0	NA	120 U	NA	120 U
2,6-DICHLOROPYRIDINE	50.0	NA	120 U	NA	120 U

Multiplier: 1.20 2.40 1.20 2.40

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TR-153	TR-153	TR-153	TR-153	TR-158	TR-158	TR-159	TR-159
DEPTH:	004	004	010	010	002	002	004	004
SAMPLE ID:	01TR153004X1XF	01TR153004X1XF	01TR153010X1XF	01TR153010X1XF	01TR158002X1XF	01TR158002X1XF	01TR159004X1XF	01TR159004X1XF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	18 Nov 93	18 Nov 93	18 Nov 93	18 Nov 93	22 Nov 93	22 Nov 93	22 Nov 93	22 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B

	MRL								
1,1-DICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.3 U	NA	1.2 U	NA
METHYLENE CHLORIDE	1.0	1.1 U	NA	1.1 U	NA	1.3 U	NA	1.2 U	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.3 U	NA	1.2 U	NA
CIS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.3 U	NA	1.2 U	NA
CHLOROFORM	1.0	1.1 U	NA	1.1 U	NA	6.7	NA	1.2 U	NA
1,1,1-TRICHLOROETHANE	1.0	1.1 U	NA	1.1 U	NA	1.3 U	NA	1.2 U	NA
CARBON TETRACHLORIDE	1.0	1.8	NA	1.1 U	NA	4.0 BJ	NA	3.4 BJ	NA
TRICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.3 U	NA	1.2 U	NA
TETRACHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	5.1	NA	1.2 U	NA
2-CHLOROPYRIDINE	100	NA	220 U	NA	55000	NA	35000	NA	230 U
3-CHLOROPYRIDINE	1000	NA	2200 U	NA	2200 U	NA	2600 U	NA	2300 U
4-CHLOROPYRIDINE	50.0	NA	110 U	NA	110 U	NA	130 U	NA	110 U
2,6-DICHLOROPYRIDINE	50.0	NA	460	NA	1600	NA	6000	NA	290

Multiplier: 1.12 2.24 1.10 2.20 1.30 2.60 1.16 2.28

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results for the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TR-151	TR-151	TR-151	TR-151	TR-152	TR-152	TR-152	TR-152
DEPTH:	004	004	008	008	004	004	012	012
SAMPLE ID:	01TR151004X1XF	01TR151004X1XF	01TR151008X1XF	01TR151008X1XF	01TR152004X1XF	01TR152004X1XF	01TR152012X1XF	01TR152012X1XF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	17 Nov 93	17 Nov 93	17 Nov 93	18 Nov 93	18 Nov 93	19 Nov 93	18 Nov 93	18 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B

	MRL								
1,1-DICHLOROETHENE	1.0	1.2 U	NA	1.1 U	NA	1.2 U	NA	1.2 U	NA
METHYLENE CHLORIDE	1.0	48	NA	220	NA	1.2 U	NA	1.3	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.2 U	NA	1.1 U	NA	1.2 U	NA	1.2 U	NA
CIS-1,2-DICHLOROETHENE	1.0	1.2 U	NA	4.7	NA	1.2 U	NA	4.2	NA
CHLOROFORM	1.0	23	NA	660 E	NA	13	NA	150	NA
1,1,1-TRICHLOROETHANE	1.0	1.2 U	NA	1.1 U	NA	1.2 U	NA	1.2 U	NA
CARBON TETRACHLORIDE	1.0	1.2 U	NA	5.6	NA	1.7	NA	150	NA
TRICHLOROETHENE	1.0	2.1	NA	11	NA	1.2 U	NA	8.8	NA
TETRACHLOROETHENE	1.0	17	NA	370	NA	11	NA	48	NA
2-CHLOROPYRIDINE	100	NA	9800	NA	51000	NA	20000	NA	230 U
3-CHLOROPYRIDINE	1000	NA	2400 U	NA	2300 U	NA	2500 U	NA	2300 U
4-CHLOROPYRIDINE	50.0	NA	120 U	NA	110 U	NA	120 U	NA	120 U
2,6-DICHLOROPYRIDINE	50.0	NA	1400	NA	9500	NA	14000	NA	560

Multiplier: 1.19 2.38 1.13 2.26 1.23 2.48 1.17 2.34

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TR-140	TR-140	TR-141	TR-141	TR-141	TR-141	TR-151	TR-151
DEPTH:	006	006	002	002	012	012	004	004
SAMPLE ID:	01TR140006X1XF	01TR140006X1XF	01TR141002X1XF	01TR141002X1XF	01TR141012X1XF	01TR141012X1XF	01TR151004X1DF	01TR151004X1DF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	10 Nov 93	10 Nov 93	10 Nov 93	10 Nov 93	10 Nov 93	10 Nov 93	17 Nov 93	17 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B

	MRL								
1,1-DICHLOROETHENE	1.0	1.1 U	NA	1.2 U	NA	1.2 U	NA	28	NA
METHYLENE CHLORIDE	1.0	1.1 U	NA	1.2 U	NA	1.2 U	NA	1.2 U	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	1.2 U	NA	1.2 U	NA	1.2 U	NA
CIS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	1.2 U	NA	1.2 U	NA	1.2 U	NA
CHLOROFORM	1.0	1.1 U	NA	1.2 U	NA	7.6	NA	1.2 U	NA
1,1,1-TRICHLOROETHANE	1.0	1.1 U	NA	1.2 U	NA	1.2 U	NA	1.2 U	NA
CARBON TETRACHLORIDE	1.0	2.1	NA	20	NA	1.2 U	NA	1.6	NA
TRICHLOROETHENE	1.0	1.1 U	NA	1.2 U	NA	1.2 U	NA	1.2 U	NA
TETRACHLOROETHENE	1.0	1.1 U	NA	1.3	NA	1.2 U	NA	2.2	NA
2-CHLOROPYRIDINE	100	NA	230 U	NA	230 U	NA	240 U	NA	11000
3-CHLOROPYRIDINE	1000	NA	2300 U	NA	2300 U	NA	2400 U	NA	2400 U
4-CHLOROPYRIDINE	50.0	NA	110 U	NA	120 U	NA	120 U	NA	120 U
2,6-DICHLOROPYRIDINE	50.0	NA	110 U	NA	120 U	NA	120 U	NA	1300

Multiplier:	1.13	2.26	1.17	2.34	1.19	2.38	1.19	2.38
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NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TR-139	TR-139	TR-139	TR-139	TR-139	TR-139	TR-139	TR-140	TR-140
DEPTH:	002	002	002	002	006	006	002	002	002
SAMPLE ID:	01TR139002X1DF	01TR139002X1DF	01TR139002X1XF	01TR139002X1XF	01TR139006X1XF	01TR139006X1XF	01TR139006X1XF	01TR140002X1XF	01TR140002X1XF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	11 Nov 93	11 Nov 93	11 Nov 93	11 Nov 93	11 Nov 93	11 Nov 93	11 Nov 93	10 Nov 93	10 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-B	GC-A	GC-B

	MRL								
1,1-DICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.2 U	NA
METHYLENE CHLORIDE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.2 U	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.2 U	NA
CIS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.2 U	NA
CHLOROFORM	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.2 U	NA
1,1,1-TRICHLOROETHANE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.2 U	NA
CARBON TETRACHLORIDE	1.0	1.1 U	NA	1.2	NA	1.2 U	NA	1.2 U	NA
TRICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.4	NA	1.2 U	NA
TETRACHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.2 U	NA
2-CHLOROPYRIDINE	100	NA	2500	NA	2800	NA	230 U	NA	230 U
3-CHLOROPYRIDINE	1000	NA	2200 U	NA	2200 U	NA	2300 U	NA	2300 U
4-CHLOROPYRIDINE	50.0	NA	110 U	NA	110 U	NA	120 U	NA	120 U
2,6-DICHLOROPYRIDINE	50.0	NA	110 U	NA	110 U	NA	120 U	NA	120 U

Multiplier: 1.12 2.24 1.11 2.22 1.16 2.32 1.16 2.32

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TR-137	TR-137	TR-137	TR-137	TR-138	TR-138	TR-138	TR-138	TR-138
DEPTH:	002	002	008	008	000	000	006	006	006
SAMPLE ID:	01TR137002X1F	01TR137002X1XF	01TR137008X1XF	01TR137008X1XF	01TR138000X1XF	01TR138000X1XF	01TR138006X1XF	01TR138006X1XF	01TR138006X1XF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	09 Nov 93	09 Nov 93	09 Nov 93	09 Nov 93	05 Nov 93	08 Nov 93	05 Nov 93	08 Nov 93	08 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-B	GC-A	GC-B	GC-A	GC-A

	MRL								
1,1-DICHLOROETHENE	1.0	18	NA	1.1 U	NA	NA	760 B	NA	5.7 U
METHYLENE CHLORIDE	1.0	9.2	NA	1.1 U	NA	NA	140 U	NA	5.7 U
TRANS-1,2-DICHLOROETHENE	1.0	1.3 U	NA	1.1 U	NA	NA	140 U	NA	5.7 U
CIS-1,2-DICHLOROETHENE	1.0	1.3 U	NA	1.1 U	NA	NA	140 U	NA	5.7 U
CHLOROFORM	1.0	6.5	NA	7.2	NA	NA	490	NA	5.7 U
1,1,1-TRICHLOROETHANE	1.0	1.3 U	NA	1.1 U	NA	NA	140 U	NA	5.7 U
CARBON TETRACHLORIDE	1.0	140 E	NA	92 E	NA	NA	140 U	NA	8.7
TRICHLOROETHENE	1.0	1.3 U	NA	1.1 U	NA	NA	140 U	NA	5.7 U
TETRACHLOROETHENE	1.0	2.5 J	NA	2.1 J	NA	NA	140 U	NA	5.7 U
2-CHLOROPYRIDINE	100	NA	260 U	NA	220 U	220 U	NA	230 U	NA
3-CHLOROPYRIDINE	1000	NA	2600 U	NA	2200 U	2200 U	NA	2300 U	NA
4-CHLOROPYRIDINE	50.0	NA	130 U	NA	110 U	110 U	NA	110 U	NA
2,6-DICHLOROPYRIDINE	50.0	NA	140	NA	110 U	110	NA	240	NA

Multiplier: 1.31 2.62 1.12 2.24 2.20 137.50 2.28 5.70

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TR-135	TR-135	TR-136	TR-136	TR-136	TR-136	TR-137	TR-137
DEPTH:	018	018	002	002	010	010	002	002
SAMPLE ID:	01TR135018X1RF	01TR135018X1RF	01TR136002X1RF	01TR136002X1XF	01TR136010X1XF	01TR136010X1XF	01TR137002X1DF	01TR137002X1DF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	04 Nov 93	08 Nov 93	08 Nov 93	08 Nov 93	08 Nov 93	08 Nov 93	09 Nov 93	09 Nov 93
GC ID:	GC-B	GC-A	GC-B	GC-A	GC-A	GC-B	GC-A	GC-B

	MRL								
1,1-DICHLOROETHENE	1.0	NA	14000 U	NA	1.2 U	910 B	NA	28	NA
METHYLENE CHLORIDE	1.0	NA	14000 U	NA	1.2 U	2800	NA	13	NA
TRANS-1,2-DICHLOROETHENE	1.0	NA	14000 U	NA	1.2 U	810 U	NA	1.4 U	NA
CIS-1,2-DICHLOROETHENE	1.0	NA	14000 U	NA	1.2 U	810 U	NA	1.4 U	NA
CHLOROFORM	1.0	NA	380000	NA	1.2 U	1000	NA	4.3	NA
1,1,1-TRICHLOROETHANE	1.0	NA	14000 U	NA	1.2 U	810 U	NA	1.4 U	NA
CARBON TETRACHLORIDE	1.0	NA	4200000 E	NA	1.2 U	810 U	NA	100 E	NA
TRICHLOROETHENE	1.0	NA	73000	NA	1.2 U	810 U	NA	1.4 U	NA
TETRACHLOROETHENE	1.0	NA	520000	NA	1.2 U	1100	NA	2.2 J	NA
2-CHLOROPYRIDINE	100	300000	NA	2300	NA	NA	67000	NA	280 U
3-CHLOROPYRIDINE	1000	110000 U	NA	2400 U	NA	NA	2600 U	NA	2800 U
4-CHLOROPYRIDINE	50.0	1100000	NA	120 U	NA	NA	130 U	NA	140 U
2,6-DICHLOROPYRIDINE	50.0	170000	NA	450	NA	NA	7500	NA	140 U

Multiplier: 110.00 13875. 2.42 1.21 806.30 2.58 1.39 2.78

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TR-134	TR-134	TR-134	TR-134	TR-135	TR-135	TR-135	TR-135	TR-135
DEPTH:	004	004	012	012	000	000	012	012	012
SAMPLE ID:	01TR134004X1XF	01TR134004X1XF	01TR134012X1XF	01TR134012X1XF	01TR135000X1XF	01TR135000X1XF	01TR135012X1RF	01TR135012X1XF	01TR135012X1XF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	05 Nov 93	08 Nov 93	05 Nov 93	08 Nov 93	04 Nov 93	04 Nov 93	04 Nov 93	04 Nov 93	04 Nov 93
GC ID:	GC-B	GC-A	GC-B	GC-A	GC-A	GC-B	GC-A	GC-B	GC-B

	MRL								
1,1-DICHLOROETHENE	1.0	NA	5.9 U	NA	1500 B	1.1 US	NA	140 U	NA
METHYLENE CHLORIDE	1.0	NA	5.9 U	NA	1500 U	33 S	NA	890	NA
TRANS-1,2-DICHLOROETHENE	1.0	NA	5.9 U	NA	1500 U	1.1 US	NA	140 U	NA
CIS-1,2-DICHLOROETHENE	1.0	NA	5.9 U	NA	1500 U	1.1 US	NA	140 U	NA
CHLOROFORM	1.0	NA	60	NA	3000	51 ES	NA	1400	NA
1,1,1-TRICHLOROETHANE	1.0	NA	5.9 U	NA	1500 U	1.1 US	NA	140 U	NA
CARBON TETRACHLORIDE	1.0	NA	1200 E	NA	9200	1.1 US	NA	140 U	NA
TRICHLOROETHENE	1.0	NA	13	NA	1500 U	73 ES	NA	140 U	NA
TETRACHLOROETHENE	1.0	NA	76	NA	1500 U	87 ES	NA	680	NA
2-CHLOROPYRIDINE	100	42000	NA	48000	NA	NA	59000	NA	75000
3-CHLOROPYRIDINE	1000	2300 U	NA	2900	NA	NA	2200 U	NA	2800
4-CHLOROPYRIDINE	50.0	120 U	NA	5900	NA	NA	7800	NA	110 U
2,6-DICHLOROPYRIDINE	50.0	2500	NA	6500	NA	NA	3200	NA	6300

Multiplier: 2.34 5.85 2.38 1488.0 1.11 2.22 143.00 2.28

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TR-132	TR-132	TR-132	TR-132	TR-133	TR-133	TR-133	TR-133
DEPTH:	004	004	012	012	002	002	014	014
SAMPLE ID:	01TR132004X1XF	01TR132004X1XF	01TR132012X1XF	01TR132012X1XF	01TR133002X1XF	01TR133002X1XF	01TR133014X1XF	01TR133014X1XF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	13 Nov 93	16 Nov 93	13 Nov 93	16 Nov 93	13 Nov 93	16 Nov 93	13 Nov 93	16 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B

	MRL								
1,1-DICHLOROETHENE	1.0	1.2 U	NA	15	NA	1.2 U	NA	1.2 U	NA
METHYLENE CHLORIDE	1.0	1.2 U	NA	1.1 U	NA	1.2 U	NA	350	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.2 U	NA	1.1 U	NA	1.2 U	NA	1.2 U	NA
CIS-1,2-DICHLOROETHENE	1.0	1.2 U	NA	5.2	NA	1.2 U	NA	1.2 U	NA
CHLOROFORM	1.0	60 E	NA	1.6	NA	1.2	NA	5800 E	NA
1,1,1-TRICHLOROETHANE	1.0	1.2 U	NA	1.1 U	NA	1.2 U	NA	1.2 U	NA
CARBON TETRACHLORIDE	1.0	1.2 U	NA	1.9	NA	1.2 U	NA	340	NA
TRICHLOROETHENE	1.0	1.2 U	NA	8.4	NA	1.2 U	NA	57 E	NA
TETRACHLOROETHENE	1.0	1.2 U	NA	1.1 U	NA	1.2 U	NA	760	NA
2-CHLOROPYRIDINE	100	NA	230 U	NA	220 U	NA	230 U	NA	42000
3-CHLOROPYRIDINE	1000	NA	2300 U	NA	2200 U	NA	2300 U	NA	2300 U
4-CHLOROPYRIDINE	50.0	NA	120 U	NA	110 U	NA	120 U	NA	7600
2,6-DICHLOROPYRIDINE	50.0	NA	170	NA	110 U	NA	520	NA	4600

Multiplier:	1.16	2.32	1.10	2.20	1.15	2.30	1.17	2.34
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NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TR-130	TR-130	TR-130	TR-130	TR-131	TR-131	TR-131	TR-131	TR-131
DEPTH:	008	008	008	008	004	004	008	008	008
SAMPLE ID:	01TR130008X1DF	01TR130008X1DF	01TR130008X1XF	01TR130008X1XF	01TR131004X1XF	01TR131004X1XF	01TR131008X1XF	01TR131008X1XF	01TR131008X1XF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	03 Nov 93	03 Nov 93	03 Nov 93	03 Nov 93	13 Nov 93	16 Nov 93	13 Nov 93	13 Nov 93	16 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-B

	MRL								
1,1-DICHLOROETHENE	1.0	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.1 U	NA
METHYLENE CHLORIDE	1.0	1.2 U	NA	1.2 U	NA	2.6	NA	1.3	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.1 U	NA
CIS-1,2-DICHLOROETHENE	1.0	1.2 U	NA	1.2 U	NA	1.2 U	NA	35	NA
CHLOROFORM	1.0	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.1 U	NA
1,1,1-TRICHLOROETHANE	1.0	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.1 U	NA
CARBON TETRACHLORIDE	1.0	1.2 U	NA	1.2 U	NA	1.2 U	NA	9.2	NA
TRICHLOROETHENE	1.0	1.2 U	NA	1.2 U	NA	1.2 U	NA	15	NA
TETRACHLOROETHENE	1.0	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.1 U	NA
2-CHLOROPYRIDINE	100	NA	240 U	NA	240 U	NA	240 U	NA	220 U
3-CHLOROPYRIDINE	1000	NA	2400 U	NA	2400 U	NA	2400 U	NA	2200 U
4-CHLOROPYRIDINE	50.0	NA	120 U	NA	120 U	NA	120 U	NA	110 U
2,6-DICHLOROPYRIDINE	50.0	NA	120 U	NA	120 U	NA	120 U	NA	130

Multiplier: 1.20 2.40 1.20 2.40 1.20 2.40 1.08 2.16

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TR-128	TR-128	TR-129	TR-129	TR-129	TR-129	TR-129	TR-130	TR-130
DEPTH:	018	018	002	002	008	008	002	002	002
SAMPLE ID:	01TR128018X1XF	01TR128018X1XF	01TR129002X1XF	01TR129002X1XF	01TR129008X1XF	01TR129008X1XF	01TR129008X1XF	01TR130002X1XF	01TR130002X1XF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	11 Nov 93	11 Nov 93	03 Nov 93	03 Nov 93	03 Nov 93	03 Nov 93	03 Nov 93	03 Nov 93	03 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-B	GC-A	GC-B

	MRL								
1,1-DICHLOROETHENE	1.0	1.1 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA
METHYLENE CHLORIDE	1.0	1.1 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA
CIS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA
CHLOROFORM	1.0	1.1 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA
1,1,1-TRICHLOROETHANE	1.0	1.1 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA
CARBON TETRACHLORIDE	1.0	1.1 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA
TRICHLOROETHENE	1.0	1.1 U	NA	1.2 U	NA	1.1 U	NA	2.8	NA
TETRACHLOROETHENE	1.0	1.2	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA
2-CHLOROPYRIDINE	100	NA	220 U	NA	250 U	NA	220 U	NA	240 U
3-CHLOROPYRIDINE	1000	NA	2200 U	NA	2500 U	NA	2200 U	NA	2400 U
4-CHLOROPYRIDINE	50.0	NA	110 U	NA	120 U	NA	110 U	NA	120 U
2,6-DICHLOROPYRIDINE	50.0	NA	110 U	NA	120 U	NA	490	NA	120 U

Multiplier: 1.09 2.18 1.24 2.48 1.08 2.16 1.18 2.36

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TR-123	TR-123	TR-124	TR-124	TR-124	TR-124	TR-124	TR-128	TR-128
DEPTH:	006	006	002	002	006	006	006	004	004
SAMPLE ID:	01TR123006X1XF	01TR123006X1XF	01TR124002X1XF	01TR124002X1XF	01TR124006X1XF	01TR124006X1XF	01TR124006X1XF	01TR128004X1XF	01TR128004X1XF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	02 NOV 93	02 NOV 93	10 Nov 93	11 Nov 93	10 Nov 93	11 Nov 93	11 Nov 93	11 Nov 93	11 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-B	GC-A	GC-B

	MRL									
1,1-DICHLOROETHENE	1.0	1.0 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA	1.2 U
METHYLENE CHLORIDE	1.0	1.0 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA	1.2 U
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA	1.2 U
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA	1.2 U
CHLOROFORM	1.0	1.0 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA	1.2 U
1,1,1-TRICHLOROETHANE	1.0	1.0 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA	1.2 U
CARBON TETRACHLORIDE	1.0	1.0 U	NA	2.3	NA	1.1 U	NA	1.2 U	NA	1.2 U
TRICHLOROETHENE	1.0	1.0 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA	1.2 U
TETRACHLOROETHENE	1.0	1.0 U	NA	1.2 U	NA	1.1 U	NA	1.2 U	NA	1.2 U
2-CHLOROPYRIDINE	100	NA	3000	NA	230 U	NA	2700	NA	240 U	240 U
3-CHLOROPYRIDINE	1000	NA	2100 U	NA	2300 U	NA	2200 U	NA	2400 U	2400 U
4-CHLOROPYRIDINE	50.0	NA	100 U	NA	120 U	NA	110 U	NA	120 U	120 U
2,6-DICHLOROPYRIDINE	50.0	NA	100 U	NA	120 U	NA	110 U	NA	120 U	120 U

Multiplier: 1.04 2.08 1.15 2.30 1.09 2.18 1.19 2.38

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01
LOCATION:	TR-122	TR-122	TR-122	TR-122	TR-122	TR-122	TR-123	TR-123
DEPTH:	002	002	002	002	006	006	002	002
SAMPLE ID:	01TR122002X1DF	01TR122002X1DF	01TR122002X1XF	01TR122002X1XF	01TR122006X1XF	01TR122006X1XF	01TR123002X1XF	01TR123002X1XF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	02 NOV 93	02 NOV 93	02 NOV 93	02 NOV 93	02 NOV 93	02 NOV 93	02 NOV 93	02 NOV 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B

	MRL								
1,1-DICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.2 U	NA
METHYLENE CHLORIDE	1.0	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.2 U	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.2 U	NA
CIS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.2 U	NA
CHLOROFORM	1.0	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.2 U	NA
1,1,1-TRICHLOROETHANE	1.0	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.2 U	NA
CARBON TETRACHLORIDE	1.0	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.2 U	NA
TRICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.2 U	NA
TETRACHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.2 U	NA
2-CHLOROPYRIDINE	100	NA	2300	NA	2500	NA	2900	NA	3400
3-CHLOROPYRIDINE	1000	NA	2300 U	NA	2300 U	NA	2200 U	NA	2400 U
4-CHLOROPYRIDINE	50.0	NA	110 U	NA	110 U	NA	110 U	NA	120 U
2,6-DICHLOROPYRIDINE	50.0	NA	110 U	NA	110 U	NA	110 U	NA	120 U

Multiplier: 1.13 2.26 1.13 2.26 1.08 2.16 1.19 2.38

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TR-120	TR-120	TR-120	TR-120	TR-121	TR-121	TR-121	TR-121	TR-121
DEPTH:	002	002	008	008	002	002	012	012	012
SAMPLE ID:	01TR120002X1XF	01TR120002X1XF	01TR120008X1XF	01TR120008X1XF	01TR121002X1XF	01TR121002X1XF	01TR121012X1XF	01TR121012X1XF	01TR121012X1XF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	10 Nov 93	11 Nov 93	10 Nov 93	11 Nov 93	12 Nov 93	12 Nov 93	12 Nov 93	12 Nov 93	12 Nov 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-B

	MRL								
1,1-DICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.1 US	NA
METHYLENE CHLORIDE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.3 S	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.1 US	NA
CIS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	5.4	NA	1.2 U	NA	1.1 US	NA
CHLOROFORM	1.0	1.1 U	NA	1.3	NA	1.2 U	NA	1.1 US	NA
1,1,1-TRICHLOROETHANE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.1 US	NA
CARBON TETRACHLORIDE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.4 S	NA
TRICHLOROETHENE	1.0	1.1 U	NA	3.5	NA	1.2 U	NA	1.1 US	NA
TETRACHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.1 US	NA
2-CHLOROPYRIDINE	100	NA	230 U	NA	220 U	NA	230 U	NA	220 U
3-CHLOROPYRIDINE	1000	NA	2300 U	NA	2200 U	NA	2300 U	NA	2200 U
4-CHLOROPYRIDINE	50.0	NA	110 U	NA	110 U	NA	120 U	NA	110 U
2,6-DICHLOROPYRIDINE	50.0	NA	110 U	NA	110 U	NA	120 U	NA	110 U

Multiplier: 1.13 2.26 1.11 2.22 1.15 2.30 1.11 2.22

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01TR*'

SITE:	01	01	01	01	01	01	01	01	01
LOCATION:	TR-106	TR-106	TR-106	TR-106	TR-119	TR-119	TR-119	TR-119	TR-119
DEPTH:	000	000	006	006	002	002	008	008	008
SAMPLE ID:	01TR106000X1XF	01TR106000X1XF	01TR106006X1XF	01TR106006X1XF	01TR119002X1XF	01TR119002X1XF	01TR119008X1XF	01TR119008X1XF	01TR119008X1XF
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DATE ANALYZED:	01 NOV 93	01 NOV 93	01 NOV 93	01 NOV 93	01 NOV 93	01 NOV 93	01 NOV 93	01 NOV 93	01 NOV 93
GC ID:	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-A	GC-B	GC-B

	MRL								
1,1-DICHL.	1	U	NA	1.1 U	NA	1.2 U	NA	1.1 U	NA
METHYLENE	1.	U	NA	1.1 U	NA	9.2	NA	11	NA
TRANS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.1 U	NA
CIS-1,2-DICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.1 U	NA
CHLOROFORM	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.1 U	NA
1,1,1-TRICHLOROETHANE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.1 U	NA
CARBON TETRACHLORIDE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.1 U	NA
TRICHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.7	NA
TETRACHLOROETHENE	1.0	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.1 U	NA
2-CHLOROPYRIDINE	100	NA	220 U	NA	230 U	NA	230 U	NA	220 U
3-CHLOROPYRIDINE	1000	NA	2200 U	NA	2300 U	NA	2300 U	NA	2200 U
4-CHLOROPYRIDINE	50.0	NA	110 U	NA	110 U	NA	120 U	NA	110 U
2,6-DICHLOROPYRIDINE	50.0	NA	110 U	NA	230	NA	320	NA	170

Multiplier: 1.10 2.24 1.14 2.28 1.17 2.34 1.09 2.18

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

**FIELD ANALYTICAL DATA
SUBSURFACE SOIL**

Summary of Analytical Results from the OLIN ROCHESTER Study, GC data acquired between 10/05/93 (Tuesday) and 08/23/94 (Tuesday)
 Sample IDs like '01SG*'

SITE:	01	01	01	01	01	01	01
LOCATION:	SG-181	SG-182	SG-183	SG-184	SG-185	SG-186	SG-187
DEPTH:	012	015	013	003	003	003	003
SAMPLE ID:	01SG181012X1XF	01SG182015X1XF	01SG183013X1XF	01SG184003X1XF	01SG185003X1XF	01SG186003X1XF	01SG187003X1XF
MATRIX:	Gas	Gas	Gas	Gas	Gas	Gas	Gas
DATE ANALYZED:	28 Oct 93	28 Oct 93	29 Oct 93	29 Oct 93	29 Oct 93	29 Oct 93	01 NOV 93
GC ID:	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A	GC-A

	MRL							
1,1-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.5	0.4	0.2
METHYLENE CHLORIDE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,2-DICHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROFORM	1.0	0.1 U	0.1	0.1 U	0.1	1.3	1.7	0.3
1,1,1-TRICHLOROETHANE	1.0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.0	0.1 U	0.1	0.1 U	0.6	4.5 E	2.8	0.5
TRICHLOROETHENE	1.0	0.1 U	1.6	0.1 U	0.1 U	0.3	0.1 U	0.6
TETRACHLOROETHENE	1.0	0.1 U	0.1 U	0.1 U	0.3	1.5	2.3	2.2

Multiplier: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

NOTES: 1. All values in ppb, H2O = ug/L, SOIL = ug/kg dry wt., GAS = ug/L air
 2. NA = Not analyzed

**PESTICIDES AND PCBS ANALYTICAL DATA
GROUNDWATER**

ABB Environmental Services, Inc.

Table 1
Laboratory Report of Analysis

LOCATION:	BR-3	BR-5A	BR-5A	C-1	C-5	C-5	E-3	B-17
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01BRXX3XXXX1XX	01BRXX5XXXX1DX	01BRXX5XXXX1XX	01MWC1XXXX1XX	01MWC5XXXX1DX	01MWC5XXXX1XX	01MWE3XXXX1XX	01PZB17XXXX1XX
LAB NUMBER:	A4030605	A4020905FD	A4020905	A4026703	A4026710	A4026709	A4026705	A4029806
DATE SAMPLED:	01/27/94	01/19/94	01/19/94	01/25/94	01/25/94	01/25/94	01/25/94	01/26/94
DATE EXTRACTED:	02/02/94	01/25/94	01/25/94	01/31/94	01/31/94	01/31/94	01/31/94	02/01/94
DATE ANALYZED:	02/08/94	02/04/94	02/04/94	02/07/94	02/05/94	02/05/94	02/07/94	02/08/94

ANALYTE	SOW-3/90 - II	CRQL										
alpha-BHC	0.05	0.031 U	0.038 U	0.038 U	0.038 U	0.03 U	3.4 U	3.3 U	0.03 U	6.7 U		
beta-BHC	0.05	0.031 U	0.038 U	0.038 U	0.038 U	0.4	300	230	0.03 U	6.7 U		
delta-BHC	0.05	0.031 U	0.04	0.038 U	0.038 U	0.03 U	3.4 U	3.3 U	0.03 U	6.7 U		
gamma-BHC (Lindane)	0.05	31	0.3	0.3	0.14	39	42	0.06 U	20			
Heptachlor	0.05	0.031 U	0.038 U	0.038 U	0.03 U	3.4 U	3.3 U	0.03 U	6.7 U			
Aldrin	0.05	0.093 U	0.11 U	0.11 U	0.09	10 U	10 U	0.05 J	20 U			
Heptachlor Epoxide	0.05	17	0.11 U	0.11 U	0.09 U	10 U	10 U	0.09 U	15 J			
Endosulfan I	0.05	0.031 U	0.038 U	0.038 U	0.09	150	100	0.03 U	260			
Dieldrin	0.1	0.031 U	0.038 U	0.038 U	0.06	3.4 U	7.4	0.03 U	6.7 U			
4,4'-DDE	0.1	0.031 U	0.1	0.14	0.03 U	3.4 U	3.3 U	0.03 U	6.7 U			
Endrin	0.1	0.19 U	0.22 U	0.05 J	0.18 U	20 U	20 U	0.18 U	40 U			
Endosulfan II	0.1	0.021 U	0.08	0.08	0.02 U	2.3 U	2.2 U	0.02 U	4.5 U			
4,4'-DDD	0.1	0.031 U	0.038 U	0.038 U	0.03 U	3.4 U	3.3 U	0.03 U	6.7 U			
Endrin Aldehyde	0.1	NR	0.5 U	0.5 U	NR	NR	NR	NR	NR			
Endosulfan Sulfate	0.1	0.093 U	0.07 J	0.07 J	0.09 U	10 U	10 U	0.09 U	20 U			
4,4'-DDT	0.1	0.21 U	0.13 J	0.19 J	0.09 J	23 U	22 U	0.2 U	45 U			
Methoxychlor	0.5	0.031 U	0.05	0.09	0.03 U	3.4 U	3.3 U	0.03 U	6.7 U			
Endrin Ketone	0.1	0.031 U	0.22 U	0.22 U	0.18 U	20 U	20 U	0.18 U	40 U			
alpha-Chlordane	0.05	0.06 U	0.075 U	0.075 U	0.06 U	6.8 U	6.6 U	0.06 U	13 U			
gamma-Chlordane	0.05	0.06 U	0.075 U	0.075 U	0.06 U	6.8 U	6.6 U	0.06 U	13 U			
Toxaphene	5	0.93 U	1.1 U	1.1 U	0.9 U	100 U	100 U	0.9 U	200 U			
Aroclor-1016	1	0.093 U	0.11 U	0.11 U	0.09 U	10 U	10 U	0.09 U	20 U			
Aroclor-1221	2	0.25 U	0.3 U	0.3 U	0.24 U	27 U	27 U	0.24 U	54 U			
Aroclor-1232	1	0.12 U	0.15 U	0.15 U	0.12 U	14 U	13 U	0.12 U	27 U			
Aroclor-1242	1	0.093 U	0.11 U	0.11 U	0.09 U	10 U	10 U	0.09 U	20 U			
Aroclor-1248	1	0.093 U	0.11 U	0.11 U	0.09 U	10 U	10 U	0.09 U	20 U			
Aroclor-1254	1	0.52 U	0.64 U	0.64 U	0.51 U	58 U	57 U	0.51 U	110 U			
Aroclor-1260	1	0.093 U	0.11 U	0.11 U	0.09 U	10 U	10 U	0.09 U	20 U			

Dilution Factor:	200	1.00	1.00	1.00	100	100	1.00	200
Sample Volume/Weight (ml/g):	970	800	800	1000	880	900	1000	890
Associated Method Blank:	A4030607	AG001573	AG001573	A4026714	A4026714	A4026714	A4026714	AG001575
Associated Equipment Blank:	01QXS18XXXX1XX	-	-	01QXS16XXXX1XX	01QXS16XXXX1XX	01QXS16XXXX1XX	01QXS16XXXX1XX	01QXS17XXXX1XX
Associated Field Blank:	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX	01QDXX3XXXX1XX

Site: Phase I RI/FS - Unvalidated Summary Results

QC DATA

Table 1
Laboratory Report of Analysis

	LOCATION:	QT-10	QT-11	QT-9
	DEPTH:	-	-	-
	ISIS ID:	01QTX10XXXX1XX	01QTX11XXXX1XX	01QTX9XXXX1XX
	LAB NUMBER:	AS050204	AS050493	AS049910
	DATE SAMPLED:	11/10/93	11/12/93	11/08/93
	DATE ANALYZED:	11/13/93	11/16/93	11/11/93
ANALYTE	SDW-3/90 - II	CRQL		
Chloromethane	10	10 U	10 U	10 U
Bromomethane	10	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U
Chloroethane	10	10 U	10 U	10 U
Methylene Chloride	10	10 U	10 U	10 U
Acetone	10	10 U	10 U	10 U
Carbon Disulfide	10	10 U	10 U	10 U
1,1-Dichloroethene	10	10 U	10 U	10 U
1,1-Dichloroethane	10	10 U	10 U	10 U
1,2-Dichloroethene (total)	10	10 U	10 U	10 U
Chloroform	10	10 U	10 U	10 U
1,2-Dichloroethane	10	10 U	10 U	10 U
2-Butanone	10	10 U	10 U	10 U
1,1,1-Trichloroethane	10	10 U	10 U	10 U
Carbon Tetrachloride	10	10 U	10 U	10 U
Bromodichloromethane	10	10 U	10 U	10 U
1,2-Dichloropropane	10	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	10 U	10 U	10 U
Trichloroethene	10	10 U	10 U	10 U
Dibromochloromethane	10	10 U	10 U	10 U
1,1,2-Trichloroethane	10	10 U	10 U	10 U
Benzene	10	10 U	10 U	10 U
trans-1,3-Dichloropropene	10	10 U	10 U	10 U
Bromoform	10	10 U	10 U	10 U
4-Methyl-2-Pentanone	10	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U
Tetrachloroethene	10	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10	10 U	10 U	10 U
Toluene	10	10 U	0.7 BJ	10 U
Chlorobenzene	10	10 U	0.5 BJ	10 U
Ethylbenzene	10	10 U	10 U	10 U
Styrene	10	10 U	10 U	10 U
Total Xylenes	10	10 U	10 U	10 U
=====				
	Dilution Factor:	1.00	1.00	1.00
	Sample Volume\Weight (ml\g):	5.00	5.00	5.00
	Associated Method Blank:	G7089	G7120	G7063
	Associated Equipment Blank:	-	-	-
	Associated Field Blank:	-	-	-
	Associated Trip Blank:	-	-	-

Site: TRIP BLANK

Table 1
Laboratory Report of Analysis

	LOCATION:	QT-12	QT-13	QT-14	QT-15	QT-16	QT-17	QT-18	QT-19
	DEPTH:	-	-	-	-	-	-	-	-
	ISIS ID:	01QTX12XXXX1XX	01QTX13XXXX1XX	01QTX14XXXX1XX	01QTX15XXXX1XX	01QTX16XXXX1XX	01QTX17XXXX1XX	01QTX18XXXX1XX	01QTX19XXXX1XX
	LAB NUMBER:	AS050789	AS051025	AS051202	AS051486	AS051657	AS052567	A4012711	A4012712
	DATE SAMPLED:	11/16/93	11/17/93	11/19/93	11/30/93	12/01/93	12/02/93	01/12/94	01/12/94
	DATE ANALYZED:	11/19/93	11/23/93	11/24/93	12/03/93	12/03/93	12/14/93	01/13/94	01/13/94
	ANALYTE	SW-846.4	CRQL						
Chloromethane	0.66	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3.3	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Methylene Chloride	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	6.6	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Carbon Disulfide	3.9	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
1,1-Dichloroethane	2.5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	1.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethane (total)	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chloroform	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	3.6	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
1,1,1-Trichloroethane	2.3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Carbon Tetrachloride	1.8	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl Acetate	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	1.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibromochloromethane	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.75	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
2-Chloroethyl Vinyl Ether	1.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzene	0.84	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
trans-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromoform	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Hexanone	2.4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Tetrachloroethene	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	0.73	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Toluene	0.99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	0.87	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
Styrene	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	2.3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	0.69	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,2-Dichlorobenzene	0.99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:		K8172	K8238	G7179	K8423	H3054	K8557	L7670.MSO	L7670.MSO
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-	-
Site:		TRIP BLANK							

Table 1
Laboratory Report of Analysis

	LOCATION:	QT-20	QT-21	QT-22	QT-23	QT-24	QT-25	QT-26	QT-27
	DEPTH:	-	-	-	-	-	-	-	-
	ISIS ID:	01QTX20XXXX1XX	01QTX21XXXX1XX	01QTX22XXXX1XX	01QTX23XXXX1XX	01QTX24XXXX1XX	01QTX25XXXX1XX	01QTX26XXXX1XX	01QTX27XXXX1XX
	LAB NUMBER:	A4020913	A4020914	A4021709	A4022707	A4024705	A4026702	A4029811	A4030601
	DATE SAMPLED:	01/18/94	01/19/94	01/20/94	01/21/94	01/24/94	01/25/94	01/26/94	01/27/94
	DATE ANALYZED:	01/21/94	01/21/94	01/25/94	01/24/94	01/25/94	01/26/94	01/28/94	02/01/94
	ANALYTE	SW-846.4	CRQL						
Chloromethane	0.66	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3.3	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Methylene Chloride	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	6.6	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Carbon Disulfide	3.9	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
1,1-Dichloroethene	2.5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	1.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethene (total)	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chloroform	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	3.6	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
1,1,1-Trichloroethane	2.3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Carbon Tetrachloride	1.8	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl Acetate	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	1.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibromochloromethane	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.75	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
2-Chloroethyl Vinyl Ether	1.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzene	0.84	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
trans-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromoform	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Hexanone	2.4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Tetrachloroethene	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	0.73	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Toluene	0.99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	0.87	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
Styrene	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	2.3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	0.69	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,2-Dichlorobenzene	0.99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:	K9096.MSO	K9096.MSO	K9138.MSO	K9138.MSO	L7823.MSO	K9196.MSO	K9235.MSO	K9296.MSO	
Associated Equipment Blank:	-	-	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-	-	-
Associated Trip Blank:	-	-	-	-	-	-	-	-	-

Site: TRIP BLANK

Table 1
Laboratory Report of Analysis

	LOCATION:	QT-28	QT-29	QT-30	QT-31	QT-1	QT-2	QT-3	QT-4
	DEPTH:	-	-	-	-	-	-	-	-
	ISIS ID:	01QTX28XXXX1XX	01QTX29XXXX1XX	01QTX30XXXX1XX	01QTX31XXXX1XX	01QTX1XXXX1XX	01QTX2XXXX1XX	01QTX3XXXX1XX	01QTX4XXXX1XX
	LAB NUMBER:	A4036201	A4038201	A4039501	A4039505	AS047777	AS047937	AS047942	AS048090
	DATE SAMPLED:	02/01/94	02/02/94	02/03/94	02/04/94	10/20/93	10/21/93	10/22/93	10/26/93
	DATE ANALYZED:	02/02/94	02/04/94	02/04/94	02/05/94	10/26/93	10/26/93	10/26/93	10/29/93
ANALYTE	SW-846.4	CRQL							
Chloromethane		0.66	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane		1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride		1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane		3.3	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Methylene Chloride		1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acetone		6.6	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Carbon Disulfide		3.9	4 U	4 U	4 U	4 U	4 U	4 U	4 U
1,1-Dichloroethene		2.5	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane		1.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethene (total)		2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chloroform		1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane		1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone		3.6	4 U	4 U	4 U	4 U	4 U	4 U	4 U
1,1,1-Trichloroethane		2.3	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Carbon Tetrachloride		1.8	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl Acetate		1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane		1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane		1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene		1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene		1.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibromochloromethane		1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane		0.75	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
2-Chloroethyl Vinyl Ether		1.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzene		0.84	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
trans-1,3-Dichloropropene		1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromoform		1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone		2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Hexanone		2.4	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Tetrachloroethene		2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane		0.73	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Toluene		0.99	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene		1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		0.87	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
Styrene		1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes		2.3	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene		1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene		0.69	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,2-Dichlorobenzene		0.99	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):			5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:			K9328.MSO	K9365.MSO	L8016.MSO	L8016.MSO	K7671	K7697	K7816
Associated Equipment Blank:			-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-
Associated Trip Blank:			-	-	-	-	-	-	-

Table 1
Laboratory Report of Analysis

	LOCATION:	QT-5	QT-6	QT-7	QT-8	QS-9
	DEPTH:	-	-	-	-	-
	ISIS ID:	01QTXX5XXXX1XX	01QTXX6XXXX1XX	01QTXX7XXXX1XX	01QTXX8XXXX1XX	01QTXX9XXXX1XX
	LAB NUMBER:	AS048326	AS048949	AS049278	AS049617	AS049910
	DATE SAMPLED:	10/27/93	11/01/93	11/03/93	11/05/93	11/08/93
	DATE ANALYZED:	11/01/93	11/04/93	11/05/93	11/10/93	11/11/93
	ANALYTE	SW-846.4	CRQL			
Chloromethane	0.66	1 U	10 U	10 U	10 U	10 U
Bromomethane	1.2	1 U	10 U	10 U	10 U	10 U
Vinyl Chloride	1.2	1 U	10 U	10 U	10 U	10 U
Chloroethane	3.3	3 U	10 U	10 U	10 U	10 U
Methylene Chloride	1.2	1 U	10 U	10 U	10 U	10 U
Acetone	6.6	7 U	10 U	10 U	10 U	10 U
Carbon Disulfide	3.9	4 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	2.5	2 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	1.7	2 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	2	2 U	10 U	10 U	10 U	10 U
Chloroform	1.3	1 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	1.4	1 U	10 U	10 U	10 U	10 U
2-Butanone	3.6	4 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	2.3	2 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	1.8	2 U	10 U	10 U	10 U	10 U
Vinyl Acetate	1.2	1 U	10 U	10 U	10 U	1 U
Bromodichloromethane	1.4	1 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	1.3	1 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	1.6	2 U	10 U	10 U	10 U	10 U
Trichloroethene	1.2	2 U	10 U	10 U	10 U	10 U
Dibromochloromethane	1.2	1 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	0.75	0.8 U	10 U	10 U	10 U	10 U
2-Chloroethyl Vinyl Ether	1.7	2 U	10 U	10 U	10 U	2 U
Benzene	0.84	0.8 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	1.6	2 U	10 U	10 U	10 U	10 U
Bromoform	1.1	1 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	2	2 U	10 U	10 B	10 U	10 U
2-Hexanone	2.4	2 U	10 U	10 U	10 U	10 U
Tetrachloroethene	2	2 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	0.73	0.7 U	10 U	10 U	10 U	10 U
Toluene	0.99	1 U	10 U	10 U	10 U	10 U
Chlorobenzene	1.1	1 U	10 U	10 U	10 U	10 U
Ethylbenzene	0.87	0.9 U	10 U	10 U	10 U	10 U
Styrene	1.3	1 U	10 U	10 U	10 U	10 U
Total Xylenes	2.3	2 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	1.1	1 U	10 U	10 U	10 U	1 U
1,4-Dichlorobenzene	0.69	0.7 U	10 U	10 U	10 U	0.7 U
1,2-Dichlorobenzene	0.99	1 U	10 U	10 U	10 U	1 U
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:	K7837	H2866	G7011	G7044	G7063	
Associated Equipment Blank:	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-
Associated Trip Blank:	-	-	-	-	-	-

Site: TRIP BLANK

Table 1
Laboratory Report of Analysis

LOCATION: QS-7
DEPTH: -
ISIS ID: 01QSXX7XXXX1XX
LAB NUMBER: AS050211
DATE SAMPLED: 11/10/93
DATE ANALYZED: 11/13/93

ANALYTE	SOW-3/90 - II	CRQL	
Chloromethane	10		1 U
Bromomethane	10		1 U
Vinyl Chloride	10		1 U
Chloroethane	10		3 U
Methylene Chloride	10		1 U
Acetone	10		7 U
Carbon Disulfide	10		4 U
1,1-Dichloroethene	10		2 U
1,1-Dichloroethane	10		2 U
1,2-Dichloroethene (total)	10		2 U
Chloroform	10		2 U
1,2-Dichloroethane	10		1 U
2-Butanone	10		4 U
1,1,1-Trichloroethane	10		2 U
Carbon Tetrachloride	10	0.9	J
Bromodichloromethane	10		1 U
1,2-Dichloropropane	10		1 U
cis-1,3-Dichloropropene	10		2 U
Trichloroethene	10		2 U
Dibromochloromethane	10		1 U
1,1,2-Trichloroethane	10	0.8	U
Benzene	10	0.8	U
trans-1,3-Dichloropropene	10		2 U
Bromoform	10		1 U
4-Methyl-2-Pentanone	10		2 U
2-Hexanone	10		2 U
Tetrachloroethene	10		2 U
1,1,2,2-Tetrachloroethane	10	0.7	U
Toluene	10		1 U
Chlorobenzene	10		1 U
Ethylbenzene	10	0.9	U
Styrene	10		1 U
Total Xylenes	10		2 U

Dilution Factor: 1.00
Sample Volume\Weight (ml\g): 5.00

Associated Method Blank: K8063
Associated Equipment Blank: -
Associated Field Blank: -
Associated Trip Blank: -

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

	LOCATION: DEPTH: ISIS ID: LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	QS-10 - 01QSX10XXXX1XX AS051487 11/30/93 12/03/93	QS-11 - 01QSX11XXXX1XX AS051658 12/01/93 12/03/93	QS-12 - 01QSX12XXXX1XX A4020912 01/19/94 01/21/94	QS-13 - 01QSX13XXXX1XX A4021708 01/20/94 01/25/94	QS-14 - 01QSX14XXXX1XX A4024701 01/24/94 01/25/94	QS-15 - 01QSX15XXXX1XX A4024702 01/24/94 01/26/94	QS-16 - 01QSX16XXXX1XX A4026701 01/25/94 01/27/94	QS-17 - 01QSX17XXXX1XX A4029810 01/26/94 01/28/94
ANALYTE	SW-846.4	CRQL							
Chloromethane	0.66	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	3.3	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Methylene Chloride	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	6.6	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Carbon Disulfide	3.9	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
1,1-Dichloroethene	2.5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	1.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethene (total)	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chloroform	1.3	1 U	7 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	3.6	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
1,1,1-Trichloroethane	2.3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Carbon Tetrachloride	1.8	2 U	42	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl Acetate	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	1.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibromochloromethane	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.75	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
2-Chloroethyl Vinyl Ether	1.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzene	0.84	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
trans-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromoform	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Hexanone	2.4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Tetrachloroethene	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	0.73	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Toluene	0.99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	0.87	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
Styrene	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	2.3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	0.69	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,2-Dichlorobenzene	0.99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
=====									
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (m\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:	K8423	H3054	K9096.MSO	K9138.MSO	L7823.MSO	L7823.MSO	K9196.MSO	K9235.MSO	
Associated Equipment Blank:	-	-	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-	-	-
Associated Trip Blank:	-	-	-	-	-	-	-	-	-

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

	LOCATION:	QS-18	QS-19	QS-1	QS-2	QS-3	QS-4	QS-5	QS-6
	DEPTH:	-	-	-	-	-	-	-	-
	ISIS ID:	01QSX18XXXX1XX	01QSX19XXXX1XX	01QSXX1XXXX1XX	01QSXX2XXXX1XX	01QSXX3XXXX1XX	01QSXX4XXXX1XX	01QSXX5XXXX1XX	01QSXX6XXXX1XX
	LAB NUMBER:	A4036202	A4039503	AS047776	AS047941	AS048091	AS048948	AS049273	AS050210
	DATE SAMPLED:	02/01/94	02/03/94	10/20/93	10/22/93	10/26/93	11/01/93	11/03/93	11/10/93
	DATE ANALYZED:	02/02/94	02/05/94	10/26/93	10/26/93	10/29/93	11/04/93	11/06/93	11/13/93
ANALYTE	SW-846.4	CRQL							
Chloromethane	0.66	1 U	1 U	1 U	0.7 U	1 U	10 U	1 U	1 U
Bromomethane	1.2	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
Vinyl Chloride	1.2	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
Chloroethane	3.3	3 U	3 U	3 U	3 U	3 U	10 U	3 U	3 U
Methylene Chloride	1.2	1 U	1 U	1 U	0.9 J	1 J	1 J	1 J	1 U
Acetone	6.6	7 U	7 U	7 U	7 U	7 U	10 U	7 U	7 U
Carbon Disulfide	3.9	4 U	4 U	4 U	4 U	4 U	10 U	4 U	4 U
1,1-Dichloroethene	2.5	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
1,1-Dichloroethane	1.7	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
1,2-Dichloroethene (total)	2	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
Chloroform	1.3	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
1,2-Dichloroethane	1.4	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
2-Butanone	3.6	4 U	4 U	4 U	4 U	4 U	10 U	4 U	4 U
1,1,1-Trichloroethane	2.3	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
Carbon Tetrachloride	1.8	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
Vinyl Acetate	1.2	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
Bromodichloromethane	1.4	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
1,2-Dichloropropane	1.3	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
cis-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
Trichloroethene	1.2	2 U	2 U	2 U	1 U	2 U	10 U	2 U	2 U
Dibromochloromethane	1.2	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
1,1,2-Trichloroethane	0.75	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	10 U	0.8 U	0.8 U
2-Chloroethyl Vinyl Ether	1.7	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
Benzene	0.84	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	10 U	0.8 U	0.8 U
trans-1,3-Dichloropropene	1.6	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
Bromoform	1.1	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4-Methyl-2-Pentanone	2	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
2-Hexanone	2.4	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
Tetrachloroethene	2	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
1,1,2,2-Tetrachloroethane	0.73	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	10 U	0.7 U	0.7 U
Toluene	0.99	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
Chlorobenzene	1.1	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
Ethylbenzene	0.87	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	10 U	0.9 U	0.9 U
Styrene	1.3	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
Total Xylenes	2.3	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
1,3-Dichlorobenzene	1.1	1 U	1 U	1 U	10 U	4 U	10 U	1 U	1 U
1,4-Dichlorobenzene	0.69	0.7 U	0.7 U	0.7 U	10 U	4 U	10 U	0.7 U	0.7 U
1,2-Dichlorobenzene	0.99	1 U	1 U	1 U	10 U	1 U	10 U	1 U	1 U
=====									
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (m\g):	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:	K9328.MSO	L8016.MSO	K7671	K7697	K7816	H2866	K7930	K8063	
Associated Equipment Blank:	-	-	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-	-	-
Associated Trip Blank:	-	-	-	-	-	-	-	-	-

Si* EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

LOCATION: QS-8
DEPTH: -
ISIS ID: 01QSXX8XXXX1XX
LAB NUMBER: AS051024
DATE SAMPLED: 11/17/93
DATE ANALYZED: 11/23/93

ANALYTE	SW-846.4	CRQL	
Chloromethane	0.66		1 U
Bromomethane	1.2		1 U
Vinyl Chloride	1.2		1 U
Chloroethane	3.3		3 U
Methylene Chloride	1.2		1 U
Acetone	6.6		7 U
Carbon Disulfide	3.9		4 U
1,1-Dichloroethene	2.5		2 U
1,1-Dichloroethane	1.7		2 U
1,2-Dichloroethene (total)	2		2 U
Chloroform	1.3		3
1,2-Dichloroethane	1.4		1 U
2-Butanone	3.6		4 U
1,1,1-Trichloroethane	2.3		2 U
Carbon Tetrachloride	1.8		2
Vinyl Acetate	1.2		1 U
Bromodichloromethane	1.4		1 U
1,2-Dichloropropane	1.3		1 U
cis-1,3-Dichloropropene	1.6		2 U
Trichloroethene	1.2		2 U
Dibromochloromethane	1.2		1 U
1,1,2-Trichloroethane	0.75		0.8 U
2-Chloroethyl Vinyl Ether	1.7		2 U
Benzene	0.84		0.8 U
trans-1,3-Dichloropropene	1.6		2 U
Bromoform	1.1		1 U
4-Methyl-2-Pentanone	2		2 U
2-Hexanone	2.4		2 U
Tetrachloroethene	2		2 U
1,1,2,2-Tetrachloroethane	0.73		0.7 U
Toluene	0.99		1 U
Chlorobenzene	1.1		1 U
Ethylbenzene	0.87		0.9 U
Styrene	1.3		1 U
Total Xylenes	2.3		2 U
1,3-Dichlorobenzene	1.1		1 U
1,4-Dichlorobenzene	0.69		0.7 U
1,2-Dichlorobenzene	0.99		1 U

Dilution Factor: 1.00
Sample Volume\Weight (ml\g): 5.00

Associated Method Blank: K8238
Associated Equipment Blank: -
Associated Field Blank: -
Associated Trip Blank: -

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

	LOCATION:	QS-10	QS-11	QS-12	QS-13	QS-14	QS-15	QS-16	QS-17
	DEPTH:	-	-	-	-	-	-	-	-
	ISIS ID:	01QSX10XXXX1XX	01QSX11XXXX1XX	01QSX12XXXX1XX	01QSX13XXXX1XX	01QSX14XXXX1XX	01QSX15XXXX1XX	01QSX16XXXX1XX	01QSX17XXXX1XX
	LAB NUMBER:	AS051487	AS051658	A4020912	A4021708	A4024701	A4024702	A4026701	A4029810
	DATE SAMPLED:	11/30/93	12/01/93	01/19/94	01/20/94	01/24/94	01/24/94	01/25/94	01/26/94
	DATE EXTRACTED:	12/02/93	12/04/93	01/25/94	01/25/94	01/28/94	01/28/94	01/31/94	02/01/94
	DATE ANALYZED:	12/06/93	12/08/93	01/31/94	01/27/94	02/01/94	02/01/94	02/03/94	02/09/94
ANALYTE	SW-846.4	CRQL							
Phenol	4		3 U	10 U	3 U	3 U	3 U	3 U	4 U
bis(2-Chloroethyl)ether	2.6		1 U	10 U	1 U	1 U	1 U	1 U	2 U
2-Chlorophenol	9		5 U	10 U	4 U	5 U	4 U	5 U	6 U
1,3-Dichlorobenzene	4.2		2 U	10 U	2 U	2 U	2 U	2 U	3 U
1,4-Dichlorobenzene	3.9		2 U	10 U	2 U	2 U	2 U	2 U	2 U
Benzyl Alcohol	4.5		2 U	10 U	2 U	2 U	2 U	2 U	3 U
2-Methylphenol	9		5 U	10 U	4 U	5 U	4 U	5 U	6 U
bis(2-Chloroisopropyl)ether	2.6		1 U	10 U	1 U	1 U	1 U	3 U	3 U
4-Methylphenol	7.5		4 U	10 U	4 U	4 U	4 U	4 U	5 U
N-Nitroso-di-n-propylamine	2.1		1 U	10 U	1 U	1 U	1 U	1 U	1 U
Hexachloroethane	4.8		3 U	10 U	2 U	3 U	2 U	3 U	3 U
Nitrobenzene	2.3		1 U	10 U	1 U	1 U	1 U	1 U	1 U
Isophorone	2.2		1 U	10 U	1 U	1 U	1 U	1 U	1 U
2-Nitrophenol	9.3		5 U	10 U	5 U	5 U	5 U	5 U	6 U
2,4-Dimethylphenol	6.6		3 U	10 U	3 U	4 U	3 U	4 U	4 U
Benzoic Acid	18		10 U	10 U	9 U	10 U	9 U	10 U	11 U
bis(2-Chloroethoxy)methane	2		1 U	10 U	1 U	1 U	1 U	1 U	1 U
2,4-Dichlorophenol	8.4		4 U	10 U	4 U	5 U	4 U	5 U	5 U
1,2,4-Trichlorobenzene	4.2		2 U	10 U	2 U	2 U	2 U	2 U	3 U
Naphthalene	2.7		1 U	10 U	1 U	2 U	1 U	2 U	2 U
4-Chloroaniline	3.6		2 U	10 U	2 U	2 U	2 U	2 U	2 U
Hexachlorobutadiene	5.1		3 U	10 U	2 U	3 U	2 U	3 U	3 U
4-Chloro-3-Methylphenol	6.9		4 U	10 U	3 U	4 U	3 U	4 U	4 U
2-Methylnaphthalene	3.3		2 U	10 U	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	2.6		1 U	10 U	1 U	1 U	1 U	1 U	2 U
2,4,6-Trichlorophenol	12		7 U	10 U	6 U	7 U	6 U	7 U	8 U
2,4,5-Trichlorophenol	7.5		4 U	25 U	4 U	4 U	4 U	4 U	5 U
2-Chloronaphthalene	2.5		1 U	10 U	1 U	1 U	1 U	1 U	2 U
2-Nitroaniline	1.8		1 U	25 U	0.9 U	1 U	0.9 U	1 U	1 U
Dimethylphthalate	8.1		4 U	10 U	4 U	4 U	4 U	4 U	5 U

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

LOCATION:	QS-10	QS-11	QS-12	QS-13	QS-14	QS-15	QS-16	QS-17
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01QSX10XXXX1XX	01QSX11XXXX1XX	01QSX12XXXX1XX	01QSX13XXXX1XX	01QSX14XXXX1XX	01QSX15XXXX1XX	01QSX16XXXX1XX	01QSX17XXXX1XX
LAB NUMBER:	AS051487	AS051658	A4020912	A4021708	A4024701	A4024702	A4026701	A4029810
DATE SAMPLED:	11/30/93	12/01/93	01/19/94	01/20/94	01/24/94	01/24/94	01/25/94	01/26/94
DATE EXTRACTED:	12/02/93	12/04/93	01/25/94	01/25/94	01/28/94	01/28/94	01/31/94	02/01/94
DATE ANALYZED:	12/06/93	12/08/93	01/31/94	01/27/94	02/01/94	02/01/94	02/03/94	02/09/94

ANALYTE	SW-846.4	CRQL	QS-10	QS-11	QS-12	QS-13	QS-14	QS-15	QS-16	QS-17
2,6-Dinitrotoluene	2		1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U
3-Nitroaniline	1.3		0.7 U	25 U	0.6 U	0.7 U	0.6 U	0.6 U	0.7 U	0.8 U
Acenaphthene	2.9		2 U	10 U	1 U	2 U	1 U	1 U	2 U	2 U
2,4-Dinitrophenol	11		6 U	25 U	6 U	6 U	6 U	6 U	6 U	7 U
4-Nitrophenol	8.7		5 U	25 U	4 U	5 U	4 U	4 U	5 U	5 U
Dibenzofuran	2		1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dinitrotoluene	2.2		1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	3.9		2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl-phenylether	2.3		1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	2.7		1 U	10 U	1 U	2 U	1 U	1 U	2 U	2 U
4-Nitroaniline	2.4		1 U	25 U	1 U	1 U	1 U	1 U	1 U	1 U
4,6-Dinitro-2-methylphenol	19		10 U	25 U	9 U	10 U	10 U	9 U	10 U	12 U
N-Nitrosodiphenylamine	2.1		1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Bromophenyl-phenylether	2.5		1 U	10 U	1 U	1 U	1 U	1 U	1 U	2 U
Hexachlorobenzene	2.4		1 U	10 U	1 U	1 U	1 U	1 U	1 U	2 U
Pentachlorophenol	18		10 U	25 U	9 U	10 U	9 U	9 U	10 U	11 U
Phenanthrene	2.9		2 U	10 U	1 U	2 U	1 U	1 U	2 U	2 U
Anthracene	2.6		1 U	10 U	1 U	1 U	1 U	1 U	1 U	2 U
Di-n-butylphthalate	2.4		1 U	1 BJ	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	2.6		1 U	10 U	1 U	1 U	1 U	1 U	1 U	2 U
Pyrene	3		2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U
Butylbenzylphthalate	6		3 U	0.7 J	3 U	3 U	3 U	3 U	7 U	8 U
3,3'-Dichlorobenzidine	2.5		1 U	10 U	1 U	1 U	1 U	1 U	1 U	2 U
Benzo(a)Anthracene	3.3		2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U
Chrysene	2		1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	2.8		21	10 U	1 U	2 U	6	1 U	7	13
Di-n-octylphthalate	2.8		1 U	10 U	1 U	2 U	1 U	1 U	2 U	2 U
Benzo(b)Fluoranthene	3.9		2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(k)Fluoranthene	2.8		2 U	10 U	2 U	2 U	2 U	2 U	2 U	3 U
Benzo(a)Pyrene	1.9		1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

	QS-10	QS-11	QS-12	QS-13	QS-14	QS-15	QS-16	QS-17
LOCATION:	QS-10	QS-11	QS-12	QS-13	QS-14	QS-15	QS-16	QS-17
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01QSX10XXXX1XX	01QSX11XXXX1XX	01QSX12XXXX1XX	01QSX13XXXX1XX	01QSX14XXXX1XX	01QSX15XXXX1XX	01QSX16XXXX1XX	01QSX17XXXX1XX
LAB NUMBER:	AS051487	AS051658	A4020912	A4021708	A4024701	A4024702	A4026701	A4029810
DATE SAMPLED:	11/30/93	12/01/93	01/19/94	01/20/94	01/24/94	01/24/94	01/25/94	01/26/94
DATE EXTRACTED:	12/02/93	12/04/93	01/25/94	01/25/94	01/28/94	01/28/94	01/31/94	02/01/94
DATE ANALYZED:	12/06/93	12/08/93	01/31/94	01/27/94	02/01/94	02/01/94	02/03/94	02/09/94
ANALYTE	SW-846.4	CRQL						
-----	-----	-----	-----	-----	-----	-----	-----	-----
Indeno(1,2,3-c,d)Pyrene	1.9	1 U	10 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)Anthracene	2.1	1 U	10 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	2.6	1 U	10 U	1 U	1 U	1 U	1 U	2 U
3-Chloropyridine	10	5 U	10 U	5 U	6 U	5 U	6 U	6 U
4-Chloropyridine	10	5 U	10 U	5 U	6 U	5 U	6 U	6 U
p-Fluoroaniline	20	5 U	10 U	5 U	6 U	5 U	6 U	6 U
2,6-Dichloropyridine	10	5 U	10 U	5 U	6 U	5 U	6 U	6 U
2-Chloropyridine	10	5 U	10 U	5 U	0.3 J	5 U	5 U	0.9 J
Pyridine	10	5 U	10 U	2 J	6 U	5 U	6 U	6 U
=====	=====	=====	=====	=====	=====	=====	=====	=====
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume\Weight (m\g):	940	1000	995	900	990	1000	900	800
Associated Method Blank:	16675Z	16012Y	17279Z.MSO	14588W.MSO	14740W.MSO	14740W.MSO	17341Z.MSO	14714W.MSO
Associated Equipment Blank:	-	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

LOCATION:	QS-18	QS-19	QS-2	QS-3	QS-4	QS-5	QS-6	QS-7
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01QSX18XXXX1XX	01QSX19XXXX1XX	01QSXX2XXXX1XX	01QSXX3XXXX1XX	01QSXX4XXXX1XX	01QSXX5XXXX1XX	01QSXX6XXXX1XX	01QSXX7XXXX1XX
LAB NUMBER:	A4036202	A4039503	AS047941	AS048091	AS048948	AS049273	AS050210	AS050211
DATE SAMPLED:	02/01/94	02/03/94	10/22/93	10/26/93	11/01/93	11/03/93	11/10/93	11/10/93
DATE EXTRACTED:	02/03/94	02/07/94	10/28/93	10/29/93	11/05/93	11/08/93	11/15/93	11/15/93
DATE ANALYZED:	02/07/94	02/12/94	11/08/93	11/09/93	11/11/93	11/09/93	11/16/93	11/16/93

ANALYTE	SW-846.4	CRQL	QS-18	QS-19	QS-2	QS-3	QS-4	QS-5	QS-6	QS-7
Phenol		4	3 U	3 U	10 U	6 U	10 U	7 U	6 U	10 U
bis(2-Chloroethyl)ether	2.6	1 U	1 U	1 U	10 U	3 U	10 U	3 U	3 U	10 U
2-Chlorophenol	9	5 U	5 U	5 U	9 U	10 U	10 U	9 U	9 U	10 U
1,3-Dichlorobenzene	4.2	2 U	2 U	2 U	10 U	4 U	10 U	5 U	4 U	10 U
1,4-Dichlorobenzene	3.9	2 U	2 U	2 U	10 U	4 U	10 U	4 U	4 U	10 U
Benzyl Alcohol	4.5	2 U	2 U	2 U	10 U	4 U	10 U	5 U	4 U	10 U
2-Methylphenol	9	5 U	5 U	5 U	10 U	9 U	10 U	10 U	9 U	10 U
bis(2-Chloroisopropyl)ether	2.6	1 U	1 U	1 U	10 U	3 U	10 U	3 U	3 U	10 U
4-Methylphenol	7.5	4 U	4 U	4 U	10 U	8 U	10 U	8 U	8 U	10 U
N-Nitroso-di-n-propylamine	2.1	1 U	1 U	1 U	10 U	2 U	10 U	2 U	2 U	10 U
Hexachloroethane	4.8	3 U	3 U	3 U	10 U	5 U	10 U	5 U	5 U	10 U
Nitrobenzene	2.3	1 U	1 U	1 U	10 U	2 U	10 U	2 U	2 U	10 U
Isophorone	2.2	1 U	1 U	1 U	10 U	2 U	10 U	2 U	2 U	10 U
2-Nitrophenol	9.3	5 U	5 U	5 U	10 U	9 U	10 U	10 U	9 U	10 U
2,4-Dimethylphenol	6.6	4 U	4 U	4 U	10 U	7 U	10 U	7 U	7 U	10 U
Benzoic Acid	18	10 U	10 U	10 U	10 U	18 U	10 U	20 U	18 U	50 U
bis(2-Chloroethoxy)methane	2	1 U	1 U	1 U	10 U	2 U	10 U	2 U	2 U	10 U
2,4-Dichlorophenol	8.4	5 U	4 U	4 U	10 U	8 U	10 U	9 U	8 U	10 U
1,2,4-Trichlorobenzene	4.2	2 U	2 U	2 U	10 U	4 U	10 U	5 U	4 U	10 U
Naphthalene	2.7	2 U	1 U	1 U	10 U	3 U	10 U	3 U	3 U	10 U
4-Chloroaniline	3.6	2 U	2 U	2 U	10 U	4 U	10 U	4 U	4 U	10 U
Hexachlorobutadiene	5.1	3 U	3 U	3 U	10 U	5 U	10 U	6 U	5 U	10 U
4-Chloro-3-Methylphenol	6.9	4 U	4 U	4 U	10 U	7 U	10 U	8 U	7 U	10 U
2-Methylnaphthalene	3.3	2 U	2 U	2 U	10 U	3 U	10 U	4 U	3 U	10 U
Hexachlorocyclopentadiene	2.6	1 U	1 U	1 U	10 U	3 U	10 U	3 U	3 U	10 U
2,4,6-Trichlorophenol	12	7 U	7 U	7 U	10 U	12 U	10 U	14 U	12 U	10 U
2,4,5-Trichlorophenol	7.5	4 U	4 U	4 U	25 U	8 U	25 U	8 U	8 U	50 U
2-Chloronaphthalene	2.5	1 U	1 U	1 U	10 U	2 U	10 U	3 U	2 U	10 U
2-Nitroaniline	1.8	1 U	1 U	1 U	25 U	2 U	25 U	2 U	2 U	50 U
Dimethylphthalate	8.1	4 U	4 U	4 U	10 U	8 U	10 U	9 U	8 U	10 U

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

	LOCATION:	QS-18	QS-19	QS-2	QS-3	QS-4	QS-5	QS-6	QS-7
	DEPTH:	-	-	-	-	-	-	-	-
	ISIS ID:	01QSX18XXXX1XX	01QSX19XXXX1XX	01QSX2XXXX1XX	01QSX3XXXX1XX	01QSX4XXXX1XX	01QSX5XXXX1XX	01QSX6XXXX1XX	01QSX7XXXX1XX
	LAB NUMBER:	A4036202	A4039503	AS047941	AS048091	AS048948	AS049273	AS050210	AS050211
	DATE SAMPLED:	02/01/94	02/03/94	10/22/93	10/26/93	11/01/93	11/03/93	11/10/93	11/10/93
	DATE EXTRACTED:	02/03/94	02/07/94	10/28/93	10/29/93	11/05/93	11/08/93	11/15/93	11/15/93
	DATE ANALYZED:	02/07/94	02/12/94	11/08/93	11/09/93	11/11/93	11/09/93	11/16/93	11/16/93
ANALYTE	SW-846.4	CRQL							
2,6-Dinitrotoluene	2	2	1 U	1 U	10 U	2 U	10 U	2 U	10 U
3-Nitroaniline	1.3	0.7 U	0.7 U	25 U	1 U	25 U	1 U	1 U	50 U
Acenaphthene	2.9	2 U	2 U	10 U	3 U	10 U	3 U	3 U	10 U
2,4-Dinitrophenol	11	6 U	6 U	25 U	11 U	25 U	12 U	11 U	50 U
4-Nitrophenol	8.7	5 U	5 U	25 U	9 U	25 U	10 U	9 U	50 U
Dibenzofuran	2	1 U	1 U	10 U	2 U	10 U	2 U	2 U	10 U
2,4-Dinitrotoluene	2.2	1 U	1 U	10 U	2 U	10 U	2 U	2 U	10 U
Diethylphthalate	3.9	2 U	2 U	0.8 BJ	4 U	1 J	4 U	4 U	10 U
4-Chlorophenyl-phenylether	2.3	1 U	1 U	10 U	2 U	10 U	3 U	2 U	10 U
Fluorene	2.7	2 U	1 U	10 U	3 U	10 U	3 U	3 U	10 U
4-Nitroaniline	2.4	1 U	1 U	25 U	2 U	25 U	3 U	2 U	50 U
4,6-Dinitro-2-methylphenol	19	10 U	10 U	25 U	19 U	25 U	21 U	19 U	50 U
N-Nitrosodiphenylamine	2.1	1 U	1 U	10 U	2 U	10 U	2 U	2 U	10 U
4-Bromophenyl-phenylether	2.5	1 U	1 U	10 U	2 U	10 U	3 U	2 U	10 U
Hexachlorobenzene	2.4	1 U	1 U	10 U	2 U	10 U	3 U	2 U	10 U
Pentachlorophenol	18	10 U	10 U	25 U	18 U	25 U	20 U	18 U	50 U
Phenanthrene	2.9	2 U	2 U	10 U	3 U	10 U	3 U	3 U	10 U
Anthracene	2.6	1 U	1 U	10 U	3 U	10 U	3 U	3 U	10 U
Di-n-butylphthalate	2.4	1 U	1 U	9 J	9	11	10	2 U	10 U
Fluoranthene	2.6	1 U	1 U	10 U	3 U	10 U	3 U	3 U	10 U
Pyrene	3	2 U	2 U	10 U	3 U	10 U	3 U	3 U	10 U
Butylbenzylphthalate	6	3 U	3 U	16	10	19	12	6 U	10 U
3,3'-Dichlorobenzidine	2.5	1 U	1 U	10 U	2 U	10 U	3 U	2 U	20 U
Benzo(a)Anthracene	3.3	2 U	2 U	10 U	3 U	10 U	4 U	3 U	10 U
Chrysene	2	1 U	1 U	10 U	2 U	10 U	2 U	2 U	10 U
bis(2-Ethylhexyl)phthalate	2.8	2 U	5	10 U	3 U	0.3 J	3 U	3 U	10 U
Di-n-octylphthalate	2.8	2 U	2 U	10 U	3 U	10 U	3 U	3 U	10 U
Benzo(b)Fluoranthene	3.9	2 U	2 U	10 U	4 U	10 U	4 U	4 U	10 U
Benzo(k)Fluoranthene	2.8	2 U	2 U	10 U	4 U	10 U	5 U	4 U	10 U
Benzo(a)Pyrene	1.9	1 U	1 U	10 U	2 U	10 U	2 U	2 U	10 U

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

	LOCATION:	QS-18	QS-19	QS-2	QS-3	QS-4	QS-5	QS-6	QS-7
	DEPTH:	-	-	-	-	-	-	-	-
	ISIS ID:	01Q SX18XXXX1XX	01Q SX19XXXX1XX	01Q SX2XXXX1XX	01Q SX3XXXX1XX	01Q SX4XXXX1XX	01Q SX5XXXX1XX	01Q SX6XXXX1XX	01Q SX7XXXX1XX
	LAB NUMBER:	A4036202	A4039503	AS047941	AS048091	AS048948	AS049273	AS050210	AS050211
	DATE SAMPLED:	02/01/94	02/03/94	10/22/93	10/26/93	11/01/93	11/03/93	11/10/93	11/10/93
	DATE EXTRACTED:	02/03/94	02/07/94	10/28/93	10/29/93	11/05/93	11/08/93	11/15/93	11/15/93
	DATE ANALYZED:	02/07/94	02/12/94	11/08/93	11/09/93	11/11/93	11/09/93	11/16/93	11/16/93
ANALYTE	SW-846.4	CRQL							
Indeno(1,2,3-c,d)Pyrene	1.9	1 U	1 U	10 U	2 U	10 U	2 U	2 U	10 U
Dibenz(a,h)Anthracene	2.1	1 U	1 U	10 U	2 U	10 U	2 U	2 U	10 U
Benzo(g,h,i)perylene	2.6	1 U	1 U	10 U	3 U	10 U	3 U	3 U	10 U
3-Chloropyridine	10	6 U	5 U	10 U	10 U	10 U	11 U	10 U	10 U
4-Chloropyridine	10	6 U	5 U	10 U	10 U	10 U	11 U	10 U	10 U
p-Fluoroaniline	20	6 U	5 U	10 U	10 U	10 U	11 U	10 U	10 U
2,6-Dichloropyridine	10	6 U	5 U	10 U	10 U	0.06 J	11 U	10 U	10 U
2-Chloropyridine	10	6 U	0.4 J	10 U	10 U	0.2 J	11 U	10 U	10 U
Pyridine	10	6 U	5 U	10 U	10 U	10 U	11 U	10 U	10 U
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sample Volume(Weight (ml\g)):	900	920	1000	1000	1000	900	1000	1000	1000
Associated Method Blank:	16523Y.MSO	14768W.MSO	15909X	16233Z	15704Y	16241Z	16378Z	16378Z	16378Z
Associated Equipment Blank:	-	-	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-	-	-

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

LOCATION:	QS-8	QS-9
DEPTH:	-	-
ISIS ID:	01QSXX8XXXX1XX	01QSXX9XXXX1XX
LAB NUMBER:	AS051024	AS051199
DATE SAMPLED:	11/17/93	11/18/93
DATE EXTRACTED:	11/23/93	11/24/93
DATE ANALYZED:	12/01/93	11/27/93

ANALYTE	SW-846.4	CRQL		
Phenol	4		3 U	6 U
bis(2-Chloroethyl)ether	2.6		1 U	3 U
2-Chlorophenol	9		4 U	9 U
1,3-Dichlorobenzene	4.2		2 U	4 U
1,4-Dichlorobenzene	3.9		2 U	4 U
Benzyl Alcohol	4.5		2 U	4 U
2-Methylphenol	9		4 U	9 U
bis(2-Chloroisopropyl)ether	2.6		1 U	3 U
4-Methylphenol	7.5		4 U	8 U
N-Nitroso-di-n-propylamine	2.1		1 U	2 U
Hexachloroethane	4.8		2 U	5 U
Nitrobenzene	2.3		1 U	2 U
Isophorone	2.2		1 U	2 U
2-Nitrophenol	9.3		5 U	9 U
2,4-Dimethylphenol	6.6		3 U	7 U
Benzoic Acid	18		9 U	18 U
bis(2-Chloroethoxy)methane	2		1 U	2 U
2,4-Dichlorophenol	8.4		4 U	8 U
1,2,4-Trichlorobenzene	4.2		2 U	4 U
Naphthalene	2.7		1 U	3 U
4-Chloroaniline	3.6		2 U	4 U
Hexachlorobutadiene	5.1		3 U	5 U
4-Chloro-3-Methylphenol	6.9		3 U	7 U
2-Methylnaphthalene	3.3		2 U	3 U
Hexachlorocyclopentadiene	2.6		1 U	3 U
2,4,6-Trichlorophenol	12		6 U	12 U
2,4,5-Trichlorophenol	7.5		4 U	8 U
2-Chloronaphthalene	2.5		1 U	3 U
2-Nitroaniline	1.8		0.9 U	2 U
Dimethylphthalate	8.1		4 U	8 U

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

LOCATION:	QS-8	QS-9
DEPTH:	-	-
ISIS ID:	01QSXX8XXXX1XX	01QSXX9XXXX1XX
LAB NUMBER:	AS051024	AS051199
DATE SAMPLED:	11/17/93	11/18/93
DATE EXTRACTED:	11/23/93	11/24/93
DATE ANALYZED:	12/01/93	11/27/93

ANALYTE	SW-846.4	CRQL		
2,6-Dinitrotoluene	2		1 U	2 U
3-Nitroaniline	1.3		0.6 U	1 U
Acenaphthene	2.9		1 U	3 U
2,4-Dinitrophenol	11		6 U	11 U
4-Nitrophenol	8.7		4 U	9 U
Dibenzofuran	2		1 U	2 U
2,4-Dinitrotoluene	2.2		1 U	2 U
Diethylphthalate	3.9		2 U	4 U
4-Chlorophenyl-phenylether	2.3		1 U	2 U
Fluorene	2.7		1 U	3 U
4-Nitroaniline	2.4		1 U	2 U
4,6-Dinitro-2-methylphenol	19		9 U	19 U
N-Nitrosodiphenylamine	2.1		1 U	2 U
4-Bromophenyl-phenylether	2.5		1 U	3 U
Hexachlorobenzene	2.4		1 U	2 U
Pentachlorophenol	18		9 U	18 U
Phenanthrene	2.9		1 U	3 U
Anthracene	2.6		1 U	3 U
Di-n-butylphthalate	2.4		1 U	2 U
Fluoranthene	2.6		1 U	3 U
Pyrene	3		2 U	3 U
Butylbenzylphthalate	6		3 U	6 U
3,3'-Dichlorobenzidine	2.5		1 U	2 U
Benzo(a)Anthracene	3.3		2 U	3 U
Chrysene	2		1 U	2 U
bis(2-Ethylhexyl)phthalate	2.8		3	1 J
Di-n-octylphthalate	2.8		1 U	3 U
Benzo(b)Fluoranthene	3.9		2 U	4 U
Benzo(k)Fluoranthene	2.8		2 U	44
Benzo(a)Pyrene	1.9		1 U	2 U

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

LOCATION:	QS-8	QS-9
DEPTH:	-	-
ISIS ID:	01QSXX8XXXX1XX	01QSXX9XXXX1XX
LAB NUMBER:	AS051024	AS051199
DATE SAMPLED:	11/17/93	11/18/93
DATE EXTRACTED:	11/23/93	11/24/93
DATE ANALYZED:	12/01/93	11/27/93

ANALYTE	SW-846.4	CRQL		

Indeno(1,2,3-c,d)Pyrene	1.9		1 U	2 U
Dibenz(a,h)Anthracene	2.1		1 U	2 U
Benzo(g,h,i)perylene	2.6		1 U	3 U
3-Chloropyridine	10		5 U	10 U
4-Chloropyridine	10		5 U	10 U
p-Fluoroaniline	20		5 U	10 U
2,6-Dichloropyridine	10		5 U	10 U
2-Chloropyridine	10		5 U	10 U
Pyridine	10		5 U	10 U

Dilution Factor:	1.00	1.00
Sample Volume\Weight (ml\g):	1000	1000
Associated Method Blank:	16598Z	15872Y
Associated Equipment Blank:	-	-
Associated Field Blank:	-	-

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

	QS-2	QS-6	QS-7
LOCATION:	QS-2	QS-6	QS-7
DEPTH:	-	-	-
ISIS ID:	01QSXX2XXXX1XX	01QSXX6XXXX1XX	01QSXX7XXXX1XX
LAB NUMBER:	AS047941	AS050210	AS050211
DATE SAMPLED:	10/22/93	11/10/93	11/10/93
DATE EXTRACTED:	10/28/93	11/15/93	11/15/93
DATE ANALYZED:	11/08/93	11/16/93	11/16/93

ANALYTE

2,4 - Diaminotoluene	200 U	10 U	10 U
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=====			
Dilution Factor:	1.0	1.0	1.0
Sample Volume\Weight (ml\g):	1000	1000	1000
Associated Method Blank:	15909X	16378Z	16378Z
Associated Equipment Blank:	-	-	-
Associated Field Blank:	-	-	-

SITE: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

LOCATION:	QD-1	QD-2
DEPTH:	-	-
ISIS ID:	01QDXX1XXXX1XX	01QDXX2XXXX1XX
LAB NUMBER:	AS047940	AS049616
DATE SAMPLED:	10/22/93	11/05/93
DATE EXTRACTED:	10/28/93	11/16/93
DATE ANALYZED:	11/08/93	11/18/93

ANALYTE

2,4 - Diaminotoluene	200 U	10 U
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Dilution Factor:	1.0	1.0
Sample Volume\Weight (ml\g):	1000	1000
Associated Method Blank:	15909X	15776Y
Associated Equipment Blank:	-	-
Associated Field Blank:	-	-

SITE: FIELD BLANKS

Table 1
Laboratory Report of Analysis

LOCATION:	QS-16	QS-17	QS-18
DEPTH:	-	-	-
ISIS ID:	01Qsx16XXXX1XX	01Qsx17XXXX1XX	01Qsx18XXXX1XX
LAB NUMBER:	A4026701	A4029810	A4036202
DATE SAMPLED:	01/25/94	01/26/94	02/01/94
DATE EXTRACTED:	01/31/94	02/01/94	02/07/94
DATE ANALYZED:	02/04/94	02/09/94	02/09/94

ANALYTE	SOW-3/90 - II	CRQL			
alpha-BHC	0.05	0.62 U	0.03 U	0.032 U	
beta-BHC	0.05	0.62 U	0.03 U	0.032 U	
delta-BHC	0.05	0.62 U	0.03 U	0.032 U	
gamma-BHC (Lindane)	0.05	1.2 U	0.06 U	0.064 U	
Heptachlor	0.05	0.62 U	0.03 U	0.032 U	
Aldrin	0.05	1.9 U	0.09 U	0.096 U	
Heptachlor Epoxide	0.05	1.9 U	0.09 U	0.096 U	
Endosulfan I	0.05	0.62 U	0.03 U	0.032 U	
Dieldrin	0.1	0.62 U	0.03 U	0.032 U	
4,4'-DDE	0.1	0.62 U	0.03 U	0.032 U	
Endrin	0.1	3.8 U	0.18 U	0.19 U	
Endosulfan II	0.1	0.42 U	0.02 U	0.021 U	
4,4'-DDD	0.1	0.62 U	0.03 U	0.032 U	
Endrin Aldehyde	0.1	NR	NR	NR	
Endosulfan Sulfate	0.1	1.9 U	0.09 U	0.096 U	
4,4'-DDT	0.1	4.2 U	0.2 U	0.21 U	
Methoxychlor	0.5	0.62 U	0.03 U	0.032 U	
Endrin Ketone	0.1	3.8 U	0.03 U	0.032 U	
alpha-Chlordane	0.05	1.2 U	0.06 U	0.064 U	
gamma-Chlordane	0.05	1.2 U	0.06 U	0.064 U	
Toxaphene	5	19 U	0.9 U	0.96 U	
Aroclor-1016	1	1.9 U	0.09 U	0.096 U	
Aroclor-1221	2	5.0 U	0.24 U	0.25 U	
Aroclor-1232	1	2.5 U	0.12 U	0.13 U	
Aroclor-1242	1	1.9 U	0.09 U	0.096 U	
Aroclor-1248	1	1.9 U	0.09 U	0.096 U	
Aroclor-1254	1	11 U	0.51 U	0.54 U	
Aroclor-1260	1	1.9 U	0.09 U	0.096 U	
=====					
Dilution Factor:	20.0	1.00	1.00		
Sample Volume\Weight (mL\g):	960	1000	950		
Associated Method Blank:	A4026714	AG001575	AG001578		
Associated Equipment Blank:	-	-	-		
Associated Field Blank:	-	-	-		

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

LOCATION:	QS-12	QS-13	QS-14	QS-15	QS-16	QS-17	QS-18	QS-19
DEPTH:	-	-	-	-	-	-	-	-
ISIS ID:	01QSX12XXXX1XX	01QSX13XXXX1XX	01QSX14XXXX1XX	01QSX15XXXX1XX	01QSX16XXXX1XX	01QSX17XXXX1XX	01QSX18XXXX1XX	01QSX19XXXX1XX
LAB NUMBER:	5644	5652	5738	5739	5948	5968	6136	6265
DATE SAMPLED:	01/19/94	01/20/94	01/24/94	01/24/94	01/25/94	01/26/94	02/01/94	02/03/94

ANALYTE	SW-846.3	CRDL									
Aluminum		100	157 B*	90.0 U*	107 B	93.8 B	90.0 U*	90.0 U*	90.0 U	116 B	
Antimony		50	3.0 U	3.0 U	4.0 U	4.0 U	3.0 UN	3.0 UN	3.0 U	3.0 U	
Arsenic		5	3.0 U	3.0 U	4.0 U	4.0 U	4.0 U*	4.0 U*	4.0 U	3.0 U*	
Barium		10	47.9 B	47.7 B	30.0 U	33.8 B	30.0 U	30.0 U	30.0 U	30.0 U	
Beryllium		2	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	
Cadmium		5	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Calcium		500	34200	33500	30300	32100	28400 E	29000 E	31200 E	32900	
Chromium		10	10.0 U*	10.0 U*	10.0 U	10.0 U	10.0 U*	10.0 U*	10.0 U	10.0 U	
Cobalt		10	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	
Copper		10	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U*	
Iron		100	190	144	335	279	40.0 UN*	84.2 BN*	40.0 U	84.0 B	
Lead		5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UN*	2.0 BN*	2.0 UN	2.0 UN	
Magnesium		500	9240	8740	8450	8840	7460 E	7930 E	8470	8710	
Manganese		10	30.2	25.5	31.2	16.4	13.1 B*	17.0 *	9.6	7.8 B	
Mercury		0.2	0.40 UN	0.40 UN	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.68 N	
Nickel		40	30.0 U	30.0 U	30.0 U	30.0 U	30.0 U	30.0 U	30.0 U	30.0 U	
Potassium		5000	1540 B	1460 B	1410 B	1480 B	1180 B*	1420 B*	1750	1510 B	
Selenium		5	3.0 U	3.0 U	3.0 UN	3.0 UN	3.0 UN	3.0 UN	3.0 UN	3.0 UN	
Silver		10	10.0 UN	10.0 UN	10.0 U	10.0 U	10.0 UN	10.0 UN	0.50 UN	10.0 UN	
Sodium		5000	11900 N	12100 N	13000	12400	11000 *	11500 *	12000	12400	
Thallium		5	3.0 UN	3.0 UN	4.0 U	4.0 U	4.0 UN	4.0 UN	3.0 UN	4.0 UN	
Vanadium		10	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U*	20.0 U*	20.0 U	20.0 U	
Zinc		20	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UN	10.0 UN	10.0 U	10.0 U	
Cyanide		10	10.0 UN	10.0 UN	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	

Associated Method Blank:	PB9W	PB9W	PB10W	PB10W	PB11W	PB11W	PB12W	PB13W
Associated Equipment Blank:	-	-	-	-	-	-	-	-
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

LOCATION: QS-2
DEPTH: -
ISIS ID: 01QSXX2XXXX1XX
LAB NUMBER: AS047941
DATE SAMPLED: 10/22/93

ANALYTE	SW-846.3	CRDL	
Aluminum	100	90.0	U*
Antimony	50	5.0	U
Arsenic	5	3.0	U
Barium	10	40.0	U
Beryllium	2	3.0	U
Cadmium	5	0.20	UW
Calcium	500	1000	UE*
Chromium	10	10.0	U
Cobalt	10	20.0	U
Copper	10	10.0	U*
Iron	100	80.0	B
Lead	5	2.0	U
Magnesium	500	1000	U*
Manganese	10	5.0	UN*
Mercury	0.2	0.20	U
Nickel	40	30.0	U
Potassium	5000	1000	U
Selenium	5	3.0	U
Silver	10	0.50	B
Sodium	5000	1000	U
Thallium	5	4.0	UW
Vanadium	10	20.0	U
Zinc	20	10.0	U
Cyanide	10	10.0	U

Associated Method Blank: PB1S
Associated Equipment Blank: -
Associated Field Blank: -

Site: EQUIPMENT RINSATE

Table 1
Laboratory Report of Analysis

LOCATION:	QD-1	QD-2
DEPTH:	-	-
ISIS ID:	01QDXX1XXXX1XX	01QDXX2XXXX1XX
LAB NUMBER:	AS047940	AS049616
DATE SAMPLED:	10/22/93	11/05/93
DATE ANALYZED:	10/26/93	11/10/93

ANALYTE	SW-846.4	CRQL		
Chloromethane	0.66		1 U	10 U
Bromomethane	1.2		1 U	10 U
Vinyl Chloride	1.2		1 U	10 U
Chloroethane	3.3		3 U	10 U
Methylene Chloride	1.2		0.9 J	10 U
Acetone	6.6		7 U	10 U
Carbon Disulfide	3.9		4 U	10 U
1,1-Dichloroethene	2.5		2 U	10 U
1,1-Dichloroethane	1.7		2 U	10 U
1,2-Dichloroethene (total)	2		2 U	10 U
Chloroform	1.3		1 U	14
1,2-Dichloroethane	1.4		1 U	10 U
2-Butanone	3.6		4 U	10 U
1,1,1-Trichloroethane	2.3		2 U	10 U
Carbon Tetrachloride	1.8		2 U	10 U
Vinyl Acetate	1.2		1 U	10 U
Bromodichloromethane	1.4		1 U	11
1,2-Dichloropropane	1.3		1 U	10 U
cis-1,3-Dichloropropene	1.6		2 U	10 U
Trichloroethene	1.2		2 U	10 U
Dibromochloromethane	1.2		1 U	6 J
1,1,2-Trichloroethane	0.75		0.8 U	10 U
2-Chloroethyl Vinyl Ether	1.7		2 U	10 U
Benzene	0.84		0.8 U	10 U
trans-1,3-Dichloropropene	1.6		2 U	10 U
Bromoform	1.1		1 U	0.5 J
4-Methyl-2-Pentanone	2		2 U	10 U
2-Hexanone	2.4		2 U	10 U
Tetrachloroethene	2		2 U	10 U
1,1,2,2-Tetrachloroethane	0.73		0.7 U	10 U
Toluene	0.99		1 U	10 U
Chlorobenzene	1.1		1 U	10 U
Ethylbenzene	0.87		0.9 U	10 U
Styrene	1.3		1 U	10 U
Total Xylenes	2.3		2 U	10 U
1,3-Dichlorobenzene	1.1		1 U	10 U
1,4-Dichlorobenzene	0.69		0.7 U	10 U
1,2-Dichlorobenzene	0.99		1 U	10 U

Dilution Factor:	1.00	1.00
Sample Volume\Weight (ml\g):	5.00	5.00
Associated Method Blank:	K7697	G7044
Associated Equipment Blank:	-	-
Associated Field Blank:	-	-
Associated Trip Blank:	-	-

Site: FIELD BLANK

Table 1
Laboratory Report of Analysis

	LOCATION:	QD-1	QD-2	QD-4
	DEPTH:	-	-	-
	ISIS ID:	01QDXX1XXXX1XX	01QDXX2XXXX1XX	01QDXX4XXXX1XX
	LAB NUMBER:	AS047940	AS049616	A4036203
	DATE ANALYZED:	10/22/93	11/05/93	02/01/94
	DATE RECEIVED:	10/28/93	11/16/93	02/03/94
	DATE ANALYZED:	11/08/93	11/18/93	02/07/94
ANALYTE	SW-846.4	CRQL		
Phenol	4	10 U	10 U	3 U
bis(2-Chloroethyl)ether	2.6	10 U	10 U	1 U
2-Chlorophenol	9	10 U	10 U	4 U
1,3-Dichlorobenzene	4.2	10 U	10 U	2 U
1,4-Dichlorobenzene	3.9	10 U	10 U	2 U
Benzyl Alcohol	4.5	5 U	10 U	2 U
2-Methylphenol	9	10 U	10 U	4 U
bis(2-Chloroisopropyl)ether	2.6	10 U	10 U	1 U
4-Methylphenol	7.5	10 U	10 U	4 U
N-Nitroso-di-n-propylamine	2.1	10 U	10 U	1 U
Hexachloroethane	4.8	10 U	10 U	2 U
Nitrobenzene	2.3	10 U	10 U	1 U
Isophorone	2.2	10 U	10 U	1 U
2-Nitrophenol	9.3	10 U	10 U	5 U
2,4-Dimethylphenol	6.6	10 U	10 U	3 U
Benzoic Acid	18	18 U	10 U	9 U
bis(2-Chloroethoxy)methane	2	10 U	10 U	1 U
2,4-Dichlorophenol	8.4	10 U	10 U	4 U
1,2,4-Trichlorobenzene	4.2	10 U	10 U	2 U
Naphthalene	2.7	10 U	10 U	1 U
4-Chloroaniline	3.6	10 U	10 U	2 U
Hexachlorobutadiene	5.1	10 U	10 U	2 U
4-Chloro-3-Methylphenol	6.9	10 U	10 U	3 U
2-Methylnaphthalene	3.3	10 U	10 U	2 U
Hexachlorocyclopentadiene	2.6	10 U	10 U	1 U
2,4,6-Trichlorophenol	12	10 U	10 U	6 U
2,4,5-Trichlorophenol	7.5	10 U	25 U	4 U
2-Chloronaphthalene	2.5	10 U	10 U	1 U
2-Nitroaniline	1.8	25 U	25 U	0.9 U
Dimethylphthalate	8.1	10 U	10 U	4 U

Site: FIELD BLANK

Table 1
Laboratory Report of Analysis

LOCATION:	QD-1	QD-2	QD-4
DEPTH:	-	-	-
ISIS ID:	01QDXX1XXXX1XX	01QDXX2XXXX1XX	01QDXX4XXXX1XX
LAB NUMBER:	AS047940	AS049616	A4036203
DATE SAMPLED:	10/22/93	11/05/93	02/01/94
DATE EXTRACTED:	10/28/93	11/16/93	02/03/94
DATE ANALYZED:	11/08/93	11/18/93	02/07/94

ANALYTE	SW-846.4	CRQL			
2,6-Dinitrotoluene	2	10 U	10 U	1 U	
3-Nitroaniline	1.3	10 U	25 U	0.6 U	
Acenaphthene	2.9	10 U	10 U	1 U	
2,4-Dinitrophenol	11	25 U	25 U	6 U	
4-Nitrophenol	8.7	10 U	25 U	4 U	
Dibenzofuran	2	25 U	10 U	1 U	
2,4-Dinitrotoluene	2.2	25 U	10 U	1 U	
Diethylphthalate	3.9	1 BJ	10 U	2 U	
4-Chlorophenyl-phenylether	2.3	10 U	10 U	1 U	
Fluorene	2.7	10 U	10 U	1 U	
4-Nitroaniline	2.4	25 U	25 U	1 U	
4,6-Dinitro-2-methylphenol	19	25 U	25 U	9 U	
N-Nitrosodiphenylamine	2.1	10 U	10 U	1 U	
4-Bromophenyl-phenylether	2.5	10 U	10 U	1 U	
Hexachlorobenzene	2.4	10 U	10 U	1 U	
Pentachlorophenol	18	25 U	25 U	9 U	
Phenanthrene	2.9	10 U	10 U	1 U	
Anthracene	2.6	10 U	10 U	1 U	
Di-n-butylphthalate	2.4	11	10 U	1 J	
Fluoranthene	2.6	10 U	10 U	1 U	
Pyrene	3	10 U	10 U	1 U	
Butylbenzylphthalate	6	19	10 U	2 U	
3,3'-Dichlorobenzidine	2.5	10 U	10 U	3 U	
Benzo(a)Anthracene	3.3	10 U	10 U	1 U	
Chrysene	2	10 U	10 U	2 U	
bis(2-Ethylhexyl)phthalate	2.8	10 U	10 U	1 U	
Di-n-octylphthalate	2.8	10 U	10 U	1 U	
Benzo(b)Fluoranthene	3.9	10 U	10 U	2 U	
Benzo(k)Fluoranthene	2.8	10 U	10 U	2 U	
Benzo(a)Pyrene	1.9	10 U	10 U	1 U	

Site: FIELD BLANK

Table 1
Laboratory Report of Analysis

LOCATION:	QD-1	QD-2	QD-4
DEPTH:	-	-	-
ISIS ID:	01QDXX1XXXX1XX	01QDXX2XXXX1XX	01QDXX4XXXX1XX
LAB NUMBER:	AS047940	AS049616	A4036203
DATE SAMPLED:	10/22/93	11/05/93	02/01/94
DATE EXTRACTED:	10/28/93	11/16/93	02/03/94
DATE ANALYZED:	11/08/93	11/18/93	02/07/94

ANALYTE	SW-846.4	CRQL			

Indeno(1,2,3-c,d)Pyrene	1.9	10 U	10 U	2 U	
Dibenz(a,h)Anthracene	2.1	10 U	10 U	2 U	
Benzo(g,h,i)perylene	2.6	10 U	10 U	3 U	
3-Chloropyridine	10	10 U	10 U	5 U	
4-Chloropyridine	10	10 U	10 U	5 U	
p-Fluoroaniline	20	10 U	10 U	5 U	
2,6-Dichloropyridine	10	10 U	10 U	5 U	
2-Chloropyridine	10	10 U	10 U	5 U	
Pyridine	10	10 U	10 U	5 U	
=====					
Dilution Factor:	1.00	1.00	1.00		
Sample Volume\Weight (ml\g):	1000	1000	1000		
Associated Method Blank:	15909X	15776Y	16523Y		
Associated Equipment Blank:	-	-	-		
Associated Field Blank:	-	-	-		

Site: FIELD BLANK

Table 1
Laboratory Report of Analysis

LOCATION: QD-3
DEPTH: -
ISIS ID: 01QDXX3XXXX1XX
LAB NUMBER: A4030109
DATE SAMPLED: 01/26/94
DATE EXTRACTED: 02/01/94
DATE ANALYZED: 02/04/94

ANALYTE	SOW-3/90 - II	CRQL	
alpha-BHC	0.05	0.03	U
beta-BHC	0.05	0.03	U
delta-BHC	0.05	0.03	U
gamma-BHC (Lindane)	0.05	0.06	U
Heptachlor	0.05	0.03	U
Aldrin	0.05	0.09	U
Heptachlor Epoxide	0.05	0.09	U
Endosulfan I	0.05	0.03	U
Dieldrin	0.1	0.03	U
4,4'-DDE	0.1	0.03	U
Endrin	0.1	0.18	U
Endosulfan II	0.1	0.02	U
4,4'-DDD	0.1	0.03	U
Endrin Aldehyde	0.1	0.5	U
Endosulfan Sulfate	0.1	0.09	U
4,4'-DDT	0.1	0.2	U
Methoxychlor	0.5	0.03	U
Endrin Ketone	0.1	0.18	U
alpha-Chlordane	0.05	0.06	U
gamma-Chlordane	0.05	0.06	U
Toxaphene	5	0.9	U
Aroclor-1016	1	0.09	U
Aroclor-1221	2	0.24	U
Aroclor-1232	1	0.12	U
Aroclor-1242	1	0.09	U
Aroclor-1248	1	0.09	U
Aroclor-1254	1	0.51	U
Aroclor-1260	1	0.09	U

=====
Dilution Factor: 1.00
Sample Volume\Weight (ml\g): 1000
Associated Method Blank: A4030110
Associated Equipment Blank: -
Associated Field Blank: -

Site: FIELD BLANK

Table 1
Laboratory Report of Analysis

LOCATION:	QD-1	QD-3
DEPTH:	-	-
ISIS ID:	01QDXX1XXXX1XX	01QDXX3XXXX1XX
LAB NUMBER:	AS047940	5970
DATE SAMPLED:	10/22/93	01/26/94

ANALYTE	SW-846.3	CRDL		
Aluminum	100	90.0	U	90.0 U*
Antimony	50	5.0	U	3.0 UN
Arsenic	5	3.0	U	4.0 U*
Barium	10	40.0	U	30.0 U
Beryllium	2	3.0	U	3.0 U
Cadmium	5	0.20	UW	0.20 U
Calcium	500	1000	UE*	1000 UE
Chromium	10	10.0	U	10.0 U*
Cobalt	10	20.0	U	20.0 U
Copper	10	11.2	B*	10.0 U
Iron	100	430		108 N*
Lead	5	2.0	U	13.0 N*
Magnesium	500	1000	U*	500 UE
Manganese	10	5.0	UN*	6.8 B*
Mercury	0.2	0.20	U	0.40 U
Nickel	40	30.0	U	30.0 U
Potassium	5000	1000	U	500 U*
Selenium	5	3.0	U	3.0 UN
Silver	10	0.20	B	10.0 UN
Sodium	5000	1000	U	1060 B*
Thallium	5	4.0	U	4.0 UN
Vanadium	10	20.0	U	20.0 U*
Zinc	20	15.1	B	10.7 BN
Cyanide	10	10.0	U	10.0 U

Associated Method Blank:	PB1S	PB9W
Associated Equipment Blank:	-	-
Associated Field Blank:	-	-

Site: FIELD BLANK

TENTATIVELY IDENTIFIED COMPOUNDS

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-100
 AQUEOUS (ug/L)

VOLATILE

	01TW102012X1XX	01TW102012X1DX	01TW103014X1XX
tetrahydrofuran	35 JN	33 JN	
fluorobenzene	54 JN	54 JN	5 JN
pyridine	1100 JN	1000 JN	
chlorinated compound	1800 J	1700 J	
dichloropyridine isomer	690 J(5)	250 J(4)	16 J
1,4-oxathiane		18 JN	

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01QSXX1XXXX1XX 01QTX3XXXX1XX
 01QSXX1XXXX1XX 01TW112011X1XX
 01QTX1XXXX1XX
 01QTX2XXXX1XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-101
AQUEOUS (ug/L)

VOLATILE

01TW107008X1XX 01TW126015X1XX

unsaturated hydrocarbon	25 J	
fluorobenzene	13 JN	
dichloropyridine isomer	39 J(3)	
trifluoromethylbenzeneamine	9 J	
unknown		9 J

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01QSXX3XXXX1XX 01TW115009X10X
01QTXX4XXXX1XX
01QTXX5XXXX1XX
01TW115009X1XX

SEMIVOLATILE

01QDXX1XXXX1XX 01QSXX3XXXX1XX

oxygenated compound	71 J(4)	20 J
unknown	170 J(14)	230 J(9)
alkycycloalkane		30 J
unsaturated hydrocarbon		51 J
alkyl substituted compound		434 J

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01TW115009X1XX
01TW115009X1DX
01TW126015X1XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-102
AQUEOUS (ug/L)

SEMIVOLATILE

01Q5XX2XXXX1XX

oxygenated compound	48 J(3)
unsaturated hydrocarbon	21 J
unknown	184 J(14)

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-102
 SOIL (ug/kg)

VOLATILE

01SS108000X1XX

chloropyridine isomer 13 J

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01SS101000X1XX 01SS104000X1XX 01SS109000X1XX 01SS112000X1XX
 01SS102000X1XX 01SS105000X1XX 01SS110000X1XX 01SS113000X1XX
 01SS102000X1DX 01SS106000X1XX 01SS111000X1XX 01SS114000X1XX
 01SS103000X1XX 01SS107000X1XX 01SS111000X1DX 01SS115000X1XX

SEMIVOLATILE

01SS101000X1XX 01SS102000X1XX 01SS102000X1DX 01SS103000X1XX

unsaturated hydrocarbon 470 J 310 J
 oxygenated compound 18000 J 16000 J 12000 J 19000 J(2)
 dichloropyridine isomer 230 J
 unknown acid 590 J(2)
 PAH derivative 130 J 400 J(2) 81 J 220 J
 saturated hydrocarbon 110 J 140 J 75 J
 long chain saturated hydrocarbon 1100 J(2) 1100 J(2) 1200 J(3)
 unknown 2300 J(6) 7300 J(9) 3100 J(10) 2200 J
 unknown ester 3500 J
 unknown hydrocarbon 510 J
 alkyl substituted compound 180 J
 prometon 170 JN
 benzothiazole derivative 1200 J(7)

01SS104000X1XX 01SS104000X1XXDL 01SS105000X1XX 01SS106000X1XX

oxygenated compound 28000 J(2) 21000 J 18000 J 12000 J(2)
 unsaturated hydrocarbon 1000 J 1400 J(2) 240 J
 long chain saturated hydrocarbon 2200 J(2) 2500 J(3) 600 J 230 J
 PAH derivative 440 J 640 J 340 J
 unknown 14000 J(10) 17000 J(6) 5200 J(14) 6400 J(11)
 benzaldehyde 610 JN
 acetophenone 890 JN
 chlorophenylpyrimidine isomer 350 J
 prometon 570 JN
 unknown acid 250 J
 cycloketone 520 J
 saturated hydrocarbon 270 J
 polychlorinated compound 3900 J(3)

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-102
 SOIL (ug/kg)

	01SS107000X1XX	01SS108000X1XX	01SS109000X1XX	01SS110000X1XX
unsaturated hydrocarbon	480 J	570 J	780 J	
cyclohexen-1-ol isomer	210 J			
oxygenated compound	1800 J	470 J(3)		
prometon	1000 JN			
unknown acid	230 J		1400 J	
saturated hydrocarbon	110 J	150 J	370 J	
unknown ester	310 J			
long chain saturated hydrocarbon	420 J		3500 J(3)	
unknown	2400 J(5)	2400 J(5)	3700 J(6)	130000 J(13)
PAH derivative		420 J(3)	410 J	17000 J(5)
phenanthrene derivative			420 J	
unknown alcohol			5400 J	
aromatic derivative				4800 J(2)

	01SS111000X1XX	01SS111000X1DX	01SS112000X1XX	01SS113000X1XX
oxygenated compound	25000 J	14000 J	680 J	22000 J
phenanthrene derivative	1300 J			
saturated hydrocarbon	670 J		440 J(2)	4400 J(3)
benzo(b)naphtho(2,3-D)furan	870 JN			
aromatic derivative	660 J			
PAH derivative	7100 J(4)	1500 J(4)		290 J
benzonaphthothiophene isomer	870 J	190 J		
unknown hydrocarbon	590 J		220 J	
unknown	8400 J(7)	2300 J(9)	220 J(5)	5300 J(11)
unknown acid		110 J		
long chain saturated hydrocarbon		230 J		2500 J(4)
unsaturated hydrocarbon			430 J	

	01SS114000X1XX	01SS115000X1XX
unsaturated hydrocarbon	120 J	210 J
oxygenated compound	5700 J	13000 J(3)
cyclohexen-1-ol isomer	120 J	
dichlorobenzenamine isomer	290 J	
PAH derivative	200 J	140 J
unknown	590 J(3)	1900 J(8)
prometon		360 JN
phenanthrene derivative		160 J
unknown acid		170 J
polychlorinated compound		160 J
long chain saturated hydrocarbon		460 J

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-103
 AQUEOUS (ug/L)

VOLATILE

	01QTX7XXXX1XX	01QTX8XXXX1XX
unknown	7 J	8 J

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01QDX2XXXX1XX
 01QSXX4XXXX1XX
 01QTX6XXXX1XX

SEMIVOLATILE

	01QDX2XXXX1XX	01QSXX4XXXX1XX
3-chlorocyclohexene	3 JN	
dichlorocyclohexane isomer	6 J	
unknown	12 J	360 J(14)
unknown alcohol		23 J
oxygenated compound		42 J
alkyl substituted compound		5 J

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-103
 SOIL (ug/kg)

VOLATILE

	01TR122002X1XX	01TR122002X1DX	01TR129002X1XX	01TR135012X1XX
unknown	15 J(2)	10 J	11 J	88 J
dichloropyridine isomer				750 J(3)

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01TR106000X1XX

SEMIVOLATILE

	01TR106000X1XX	01TR122002X1XX	01TR122002X1DX	01TR129002X1XX
unsaturated hydrocarbon	640 J	570 J	440 J	570 J
oxygenated compound	25000 J(2)	18000 J	22000 J	17000 J(2)
unknown	4100 J(6)	1200 J(6)	980 J(4)	3900 J(10)
cyclohexen-1-ol isomer		86 J		
2-cyclohexen-1-one		320 JN	370 JN	
saturated hydrocarbon		470 J(3)	570 J(4)	300 J(2)
hexanedioic acid derivative		11000 J	8100 J	9600 J
long chain saturated hydrocarbon		95 J	1200 J(6)	400 J
phenanthrene derivative			110 J	
PAH derivative			130 J	150 J
alkylsubstituted compound				190 J
prometon				180 JN

01TR135012X1XX

pyridinamine isomer	690 J
dichloropyridine isomer	210 J(2)
acetophenone	120 JN
PAH derivative	230 J
diphenyl ether	120 JN
oxygenated compound	99 J
chlorinated compound	730 J
unknown	1900 J(8)

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-104
AQUEOUS (ug/L)

01TW155014X1XX

unknown	22 J(4)
(2-butoxyethoxy)ethanol derivative	320 J
2(2-butoxyethoxy)ethanol acetate	430 JN
prometon	66 JN

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01QSXX8XXXX1XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-104
 AQUEOUS (ug/L)

VOLATILE

	01QTX12XXXX1XX	01TW142013X1XX	01TW142013X1DX	01TW148012X1XX
saturated hydrocarbon	10 J			
fluorobenzene		9 JN	6 JN	
N-butyl ether		14 JN	10 JN	7 JN
chlorinated compound			4 J	

	01TW151009X1XX	01TW155014X1XX
unknown	250 J	16 J
oxygenated compound	68 J	
unsaturated hydrocarbon		7 J

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

- 01QSXX8XXXX1XX
- 01QTX13XXXX1XX
- 01TW143013X1XX
- 01TW144008X1XX
- 01QTX14XXXX1XX
- 01TW148012X1XXDL
- 01TW151009X1XXDL
- 01TW154017X1XX

SEMIVOLATILE

	01QDXX4XXXX1XX	01TW142013X1XX	01TW142013X1DX	01TW143013X1XX
unknown alcohol	13 J			
unknown	12 J	29 J(3)	85 J(5)	52 J(3)
dichloropyridine isomer		52 J(3)	100 J(3)	
(2-butoxyethoxy)ethanol derivative		160 J	460 J	250 J
saturated hydrocarbon				140 J(11)
2,6-dichlorobenzamide				29 JN
prometon				210 JN
Z(2-butoxyethoxy)ethanol acetate				

	01TW144008X1XX	01TW148012X1XX	01TW151009X1XX	01TW154017X1XX
Z(2-butoxyethoxy)ethanol acetate	220 JN		280 JN	330 JN
unknown	280 J(17)	96 J	840 J(13)	10 J
(2-butoxyethoxy)ethanol derivative		570 J		220 J
dichloropyridine isomer		100 J(3)	600 J	60 J(3)
unknown alcohol			180 J	
unknown hydrocarbon			180 J	
chlorinated compound			690 J	
trichlorobenzene isomer			300 J	

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-105
AQUEOUS (ug/L)

VOLATILE

	01QSXX7XXX1XX	01QTX12XXX1XX	01QTX9XXX1XX
unsaturated hydrocarbon	5 J		
saturated hydrocarbon		10 J	
unknown			22 J(2)

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01QTX10XXX1XX
01QTX11XXX1XX

SEMIVOLATILE

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01QSXX7XXX1XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-105
 SOIL (ug/kg)

VOLATILE

	01TR132012X1XX	01TR133002X1XX	01TR136002X1XX	01TR141012X1XX
S-dichloroethyl ether	30 JN			
dichloropyridine isomer		9 J		11 J
unknown			14 J	15 J

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

- 01TR120008X1XX
- 01TR124006X1XX
- 01TR137002X1XX
- 01TR137002X1DX
- 01TR139006X1XX

SEMIVOLATILE

	01TR120008X1XX	01TR124006X1XX	01TR132012X1XX	01TR133002X1XX
unsaturated hydrocarbon	350 J	320 J	310 J	430 J
oxygenated compound	21000 J(2)	24000 J(2)	16000 J	24000 J
unknown	870 J(3)	880 J(3)	1400 J(7)	700 J(2)
chloroaniline isomer			74 J	
hexanedioic acid derivative			7800 J	9800 J

	01TR136002X1XX	01TR137002X1XX	01TR137002X1DX	01TR139006X1XX
unknown	3100 J(3)	3100 J(8)	4600 J(13)	1100 J(2)
unsaturated hydrocarbon		390 J	330 J	
saturated hydrocarbon		130 J	170 J	
oxygenated compound		32000 J(2)	28000 J(2)	
chlorinated compound		140 J	240 J	
phenol derivative			93 J	

	01TR141012X1XX
unsaturated hydrocarbon	270 J
unknown	350 J(2)
oxygenated compound	12000 J(2)
alkyl substituted compound	88 J

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-106
 AQUEOUS (ug/L)

VOLATILE

01TW147017X1XX

unknown 7 J

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01Qsx10xxxx1xx	01TW145017X1XX	01TW159013X1XX
01QTX15xxxx1xx	01TW145017X1DX	01TW159013X1DX
01QTX16xxxx1xx	01TW150017X1XX	01TW159013X1XXDL
01QTX17xxxx1xx	01TW157015X1XX	01TW159013X1DXDL

SEMIVOLATILE

01QDXX4xxxx1xx 01TW145017X1XX 01TW147017X1XX 01TW150017X1XX

unknown alcohol	13 J			
unknown	12 J	15 H	25 J(6)	12 J
2(2-butoxyethoxy)ethanol acetate		91 HB	480 J	420 JN
(2-butoxyethoxy)ethanol derivative			440 J	180 J
unknown acid			45 J	
fluoronitrophenol isomer				93 J

01TW157015X1XX 01TW159013X1XX 01TW159013X1DX

(2-butoxyethoxy)ethanol derivative	33 J	110 J	52 J
unknown	61 J	220 J(8)	190 J(5)
pyridinamine isomer		18 J	93 J
dichloropyridine isomer		28 J(2)	15 J(2)
5-bromo-2-pyridinamine		48 JN	
chlorinated compound		99 J(5)	34 J(3)
prometon		82 JN	
sulfur compound		10 J	56 J

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01Qsx10xxxx1xx
 01TW159013X1XXDL
 01TW159013X1DXDL

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-107
 AQUEOUS (ug/L)

VOLATILE

	01TW122010X1XX	01TW129010X1DX	01TW134014X1XX
dibromomethane	9 JN		
N-butyl ether	150 JN		
unknown	10 J		
trifluoromethylbenzenamine isomer	7 J		
2,3,5-trichloropyridine		14 JN	
dichloropyridine isomer		5 J	1400 J

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

.01Q5XX5XXXX1XX
 01TW129010X1XX

SEMIVOLATILE

	.01Q5XX5XXXX1XX	01TW129010X1XX	01TW129010X1DX	01TW129010X1XXD
unknown alcohol	29 J			
alkyl cycloalkane	26 J			
oxygenated compound	20 J			
unknown	240 J(8)	6.5 J	18 J	
(2-butoxyethoxy)ethanol derivative		56 J	680 J	50 J

01TW129010X1DXDL

unknown	16 J
(2-butoxyethoxy)ethanol derivative	730 J

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I R1/FS; FILE: 7311-108
 AQUEOUS (ug/L)

VOLATILE

	01QTXX9XXXX1XX	01TW138010X1XX	01TW138010X1DX
unknown	22 J(2)		
fluorobenzene		150 JN	160 JN
fluoromethylbenzene isomer		11 J	13 J
oxygenated compound			11 J

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01QSXX6XXXX1XX
 01TW121013X1XX
 01TW121013X1DX

SEMIVOLATILE

	01TW121013X1XX	01TW121013X1DX	01TW138010X1XX	01TW138010X1DX
unknown	150 J(4)	95 J(4)	220 J(6)	100 J(5)
2-(butoxyethoxy)ethanol derivative	820 J	180 J		260 J
2-(butoxyethoxy)ethanol acetate	1100 JN	790 J		
1,4-oxathiane			47 JN	79 JN
chlorinated compound			63 J(2)	27 J
dichloropyridine isomer			53 J(2)	64 J(2)
unknown acid			53 J	78 J
2,2'-bipyridine			15 JN	16 JN
sulfur			580 JN	570 JN
carboxylic acid derivative			30 J	29 J
phenol derivative			99 J	
saturated hydrocarbon			15 J	25 J
trifluoromethylbenzenamine isomer				32 J
chlorophenylpyrimidine isomer				17 J

01TW138010X1XXDL 01TW138010X1DXDL

	01TW138010X1XXDL	01TW138010X1DXDL
unknown	130 J	
2-(butoxyethoxy)ethanol derivative	1800 J	440 J
sulfur		690 JN

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01QSXX6XXXX1XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-109
AQUEOUS (ug/L)

VOLATILE

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01Q5X11XXXX1XX

SEMIVOLATILE

01Q5X11XXXX1XX

unknown

2 J

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-109
SOIL (ug/kg)

VOLATILE

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01TR159004X1XX

SEMIVOLATILE

01TR159004X1XX

alkyl substituted compound	500 J
dibenzothiophene	370 JN
aromatic derivative	5000 J(7)
phenanthrene derivative	1100 J
unknown	3200 J(6)

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-110
AQUEOUS (ug/L)

SEMIVOLATILE

01QSXX9XXXX1XX

unknown

3 J

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-110
SOIL (ug/kg)

VOLATILE

01TR152004X1XX

unsaturated hydrocarbon	14 J	
chloropyridine isomer	70 J	99 J
dichloropyridine isomer	170 J(5)	140 J(4)

SEMIVOLATILE

01TR152004X1XX 01TR152004X10X

unknown	3300 J(7)	3400 J(6)
oxygenated compound	18000 J	18000 J(2)
pyridinamine isomer	2000 J	1200 J
dichloropyridine isomer	370 J(2)	940 J(4)
6-chloro-2-pyridinol	4800 JN	5100 JN
chlorinated compound	1900 J(4)	2000 J(3)
sulfur compound	4600 J(2)	3600 J
2-hydroxypyridine	2800 JN	2500 JN
aromatic derivative	690 J	

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-111
 AQUEOUS (ug/L)

VOLATILE

	01BW105101X1XX	01BW105101X1XDL	01BW105101X1DX	01BW105052X1XX
unknown	330 J(2)	260 J(3)	36 J(3)	45 J
dimethyl sulfide	1500 JN	1000 JN	620 JN	
(methylthio) ethane	450 JN	330 JN	170 JN	130 JN
2-(methylthio) propane	140 JN	100 JN	51 JN	40 JN
dimethyl disulfide	94 JN	80 JN	23 JN	470 JN
2-chloropyridine	720 JN	260 JN	260 JN	550 JN
dimethyl trisulfide	18 JN	120 JN	50 JN	16 JN
dichloropyridine isomer	59 J			15 J
isobutane		81 JN		
saturated hydrocarbon			11 J	51 J(2)
oxygenated compound				58 J

	01BW105056X1XX	01BW105062X1XX	01BW105067X1XX	01BW105072X1XX
unknown	29 J(2)		12 J	50 J
dimethyl sulfide	470 JN	280 JN	520 JN	530 JN
oxygenated compound	49 J	35 J	40 J	34 J
(methylthio) ethane	110 JN	75 JN	150 JN	150 JN
2-(methylthio) propane	44 JN	35 JN	47 JN	48 JN
2-chloropyridine	980 JN		420 JN	400 JN
dimethyl disulfide	26 JN	12 JN	14 JN	19 JN
dichloropyridine isomer	93 J(2)	100 J(2)	10 J	
2-(methylthio)butane		8 JN		
3-chloropyridine		1100 JN		
dimethyl trisulfide			16 JN	27 JN
isobutane				50 J
saturated hydrocarbon				19 J

	01BW105080X1XX	01BW105092X1XX	01BW105097X1XX
unknown	85 J(2)	38 J	44 J(2)
dimethyl sulfide	700 JN	860 JN	810 JN
oxygenated compound	28 J		
(methylthio) ethane	200 JN	240 JN	200 JN
2-(methylthio) propane	69 JN	80 JN	70 JN
2-chloropyridine	790 JN	76 JN	740 JN
sulfur compound	63 J	94 J(2)	65 J
dichloropyridine isomer	270 J(2)	83 J(2)	82 J(2)
dimethyl disulfide		37 JN	30 JN

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01QTX18XXXX1XX
 01QTX19XXXX1XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-111
 AQUEOUS (ug/L)

SEMIVOLATILE

	01BW105101X1XX	01BW105101X1XDL	01BW105101X1DX	01BW105101X1DXDL
sulfur compound	41 J(2)	46 J	88 J(3)	
unknown	100 J(7)	15 J	100 J(7)	89 J(3)
oxygenated compound	54 J		71 J	
dimethyl trisulfide	65 JN			60 JN
alkyl substituted compound	40 J			
2-(methyl thio)butane	15 JN		13 JN	
fluorobenzeneamine isomer	9 J			
alkyl benzene derivative	10 J			
dichloropyridine isomer	64 J(2)	31 J	67 J(3)	42 J
benzothiazole derivative	11 J		11 J	10 J
methyl ethyl disulfide		19 JN		16 JN
propenoic acid derivative		22 J		31 J
unsaturated hydrocarbon			92 J	87 J
alkyl substituted compound			33 J	

01BW105097X1XDL

unsaturated hydrocarbon	86 J			
sulfur compound	14 J			
dimethyl trisulfide	40 JN			
unknown	47 J(2)			
dichloropyridine isomer	47 J			
sulfur compound	13 J			

01BW105067X1XDL 01BW105072X1XX 01BW105072X1XDL 01BW105080X1XX

dichloropyridine isomer	52 J		60 J	64 J(2)
unknown	160 J	88 J(8)		110 J(10)
unsaturated hydrocarbon		53 J		30 J
dimethyl trisulfide		20 JN		26 JN
dichloropyridine isomer		84 J(2)		
sulfur compound		8 J		18 J
benzothiazole derivative		12 J		8 J
unknown acid		24 J		16 J
isoindole derivative		6 J		
3-trifluoromethylbenzenamine isomer				
chlorinated compound				8 J
sulfur				250 JN
saturated hydrocarbon				6 J

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-111
 AQUEOUS (ug/L)

	01BW105080X1XDL	01BW105092X1XX	01BW105092X1XDL	01BW105097X1XX
dimethyltrisulfide	26 JN	62 JN	65 JN	
dichloropyridine isomer	44 J	79 J(2)	51 J	67 J
sulfur	130 JN			
unsaturated hydrocarbon		81 J	86 J	65 J
2(methyl thio)butane		12 JN		11 JN
methyl ethy disulfide		17 JN		16 JN
unknown		170 J(8)	62 J(2)	190 J(11)
dimethyl tetrasulfide		37 J		
benzothiazole derivative		10 J		12 J
sulfur compound		7 J	23 J	40 J(2)
chlorinated compound				10 J
unknown acid				10 J

	01BW105052X1XX	01BW105052X1XDL	01BW105052X1XDL2	01BW105056X1XX
unsaturated hydrocarbon	37 J			33 J
nitrogen compound	26 J			14 J
sulfur compound	15 J(2)			27 J(2)
unknown	100 J(8)			87 J(7)
dichloropyridine isomer	270 J(3)	130 J		87 J(2)
benzothiazole derivative	4 J			
chlorinated compound	33 J			17 J
oxygenated compound			2200 J	4 J
2(methylthio) butane				4 JN
enzothiazole derivative				9 J
sulfur				82 JN

	01BW105056X1XDL	01BW105062X1XX	01BW105062X1XDL	01BW105067X1XX
unsaturated hydrocarbon	39 J			
dichloropyridine isomer	71 J	78 J	54 J	91 J(2)
unknown	24 J	120 J(6)	25 J	94 J(4)
chlorinated compound		13 J		
sulfur		120 JN	91 JN	170 JN
saturated hydrocarbon		130 J(6)	130 J(6)	52 J(5)
fluorobenzeneamine isomer				16 J
sulfur compound				16 J(2)
benzothiazole derivative				8 J
oxygenated compound				17 J

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

- | | |
|-------------------|------------------|
| 01BW105101X1XDL2 | 01BW105072X1XDL2 |
| 01BW105101X1DXDL2 | 01BW105080X1XDL2 |
| 01BW105056X1DXDL2 | 01BW105092X1XDL2 |
| 01BW105062X1XDL2 | 01BW105097X1XDL2 |
| 01BW105067X1XDL2 | |

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-112
 AQUEOUS (ug/L)

VOLATILE

	01BR103XXXX1XX	01BRXX2XXXX1XX	01BRXX5XXXX1XX	01BRXX5XXXX1DX
diisopropyl ether	7 JN			
dimethyl sulfide		87 JN		
fluorobenzene		110 JN	66 JN	64 JN
dibromomethane		290 JN		
hexachloroethane		82 JN		

	01BRXX7XXXX1XX	01MWXG6XXXX1XX	01MWXG9XXXX1XX	01MWXS2XXXX1XX
unknown	15 J	900 J(4)		16 J
unsaturated hydrocarbon		24 J(2)	18 J	
cyclohexane		11 JN		
ethylmethylbenzene isomer		6 J	41 J(2)	
cyclohexane			23 JN	
trimethylbenzene isomer			96 J(4)	
aromatic derivative			130 J(2)	
cyanomethane derivative				57 J
S-dichlorethyl ether				16 JN

	01MWXS2XXXX1XXDL	01MWXS3XXXX1XX	01MWXW3XXXX1XX	01MWXW4XXXX1XX
cyanomethane derivative	58 J			
dimethylnaphthalene isomer		6 J		
dihydrodimethylindene isomer			17 J(2)	
unknown			6 J	
aromatic derivative			80 J	
fluorobenzene				5 JN

	01MWXW5XXXX1XX	01MWXW5XXXX1XXDL	01MWXX3XXXX1XX
fluorobenzene	130 JN		
fluoromethylbenzene isomer	170 J	140 J	
unknown	19 J(2)		30 J

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01BRXX1XXXX1XX	01MWXG8XXXX1XX	01QSX12XXXX1XX
01BRXX2XXXX1XXDL	01MWXW1XXXX1XX	01QSX13XXXX1XX
01BRXX5XXXX1XXDL	01MWXW1XXXX1DX	01QTX20XXXX1XX
01BRXX5XXXX1DXDL	01MWXW2XXXX1XX	01QTX21XXXX1XX
01MW103XXXX1XX	01MWXX2XXXX1XX	01QTX22XXXX1XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-112
 AQUEOUS (ug/L)

SEMIVOLATILE

	01BR103XXXX1XX	01BRXX1XXXX1XX	01BRXX2XXXX1XX	01BRXX2XXXX1XXDL
unknown	7 J(2)	38 J(2)	870 J(6)	
1,4-oxathiane	4 JN			280 JN
oxygenated compound		22 J(2)		
unknown acid		35 J(2)		
unsaturated hydrocarbon			51 J	
fluoromethylbenzene isomer			10 J	
chlorinated compound			23 J	
dichloropyridine isomer			250 J(3)	360 J(3)
dimethyltetrasulphide			16 JN	
sulfur compound			42 J(2)	44 J
nitrogen compound			15 J	
chlorophenyl pyrimidine isomer			7 J	
sulfur			68 JN	

	01BRXX2XXXX1XXDL2	01BRXX5XXXX1XX	01BRXX5XXXX1XXDL	01BRXX5XXXX1DX
1,4-oxathiane	230 JN	110 JN	65 JN	89 JN
dichloropyridine isomer	110 J	14 J(2)		11 J(2)
unsaturated hydrocarbon		42 J		26 J
oxygenated compound		6 J		4 J
nitrogen compound		24 J(2)		23 J(2)
fluorobenzene isomer		9 J		8 J
difluoroaniline isomer		6 J		
trifluorobenzene derivative		38 J	27 J	
unknown		92 J(6)	34 J	29 J(6)
chloroaniline isomer		8 J		9 J
chlorobenzene derivative		7 J		
chlorinated compound		49 J(2)		57 J(3)
difluorobenzene isomer				5 J
chlorofluoroaniline isomer				3 J

	01BRXX5XXXX1DXDL	01BRXX7XXXX1XX	01BRXX7XXXX1XXDL	01BRXX7XXXX1XXDL2
1,4-oxathiane	68 JN			
trifluoromethylbenzenamine isomer	30 J	100 J	130 J	
chlorinated compound		1000 J(5)	590 J	390 J
dichloropyridine isomer		160 J	2600 J(3)	2100 J(3)
unknown		1100 J(9)	420 J(4)	
6-chloro-2-pyridinol		86 JN		
thiopyridine derivative		40 J		

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-112
 AQUEOUS (ug/L)

	01MW103XXXX1XX	01MWXG6XXXX1XX	01MWXG9XXXX1XX	01MWXS2XXXX1XXDL2
oxygenated compound	230 J	7 J(2)		600 J
unknown acid	21 J(2)			
unknown	51 J(3)	7 J(2)	220 J(11)	1000 J(3)
alkylbenzene derivative		4 J		
trimethylbenzene isomer		8 J(2)	12 J	
aromatic derivative		11 J(2)	170 J(3)	
tetramethylbenzene isomer			12 J	
dimethylnaphthalene isomer			17 J	
methylbenzo(b)thiophene isomer			15 J	
alkylnaphthalene isomer			17 J	
trimethylnaphthalene isomer			10 J	
dichloropyridine isomer				1900 J(3)
nitrogen compound				870 J
chlorinated compound				140 J
sulfur compound				220 J

	01MWXS2XXXX1XX	01MWXS2XXXX1XXDL	01MWXS2XXXX1XXDL3	01MWXS2XXXX1XXDL4
unknown	2400 J(14)	5000 J(9)		
dichloropyridine isomer	730 J(2)	1100 J(2)		
bipyridine isomer	56 J			
chlorinated compound	36 J			
thiopyridine derivative	430 J(2)			
sulfur compound		980 J(2)		
nitrogen compound		910 J(3)		
chlorophenyl pyrimidine isomer		470 J(4)		
oxygenated compound			12000 J	35000 J

	01MWXS3XXXX1XX	01MWXS3XXXX1XXDL	01MWXS3XXXX1XXDL2	01MWXW1XXXX1XX
dichloropyridine isomer	77 J(2)			
fluorobiphenyl isomer	80 J			
unknown ester	13 J			
unknown	540 J(16)	4500 J(14)	4500 J(6)	4000 J(15)
unknown hydrocarbon		2200 J(6)	5100 J(5)	460 J
saturated hydrocarbon				1600 J(4)

	01MWXW1XXXX1DX	01MWXW2XXXX1XX	01MWXW2XXXX1XXDL	01MWXW3XXXX1XX
saturated hydrocarbon	3800 J(9)		100 J(4)	72 J(3)
unknown	3800 J(11)	400 J(18)	830 J(12)	320 J(15)
longchain saturated hydrocarbon		40 J(2)		
oxygenated compound			61 J	
dichloropyridine isomer			210 J(3)	
unknown hydrocarbon				56 J(2)

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-112
 AQUEOUS (ug/L)

	01MWXW3XXXX1XXDL	01MWXW4XXXX1XX	01MWXW4XXXX1XXDL	01MWXW4XXXX4XXDL2
saturated hydrocarbon	50 J			240 J(3)
unknown hydrocarbon	270 J(3)			
unknown	550 J(9)	550 J(18)	2600 J(20)	2400 J(15)
oxygenated compound				290 J

	01MWXW5XXXX1XX	01MWXW5XXXX1XXDL2	01MWXW5XXXX1XXDL3	01MWXW5XXXX1XXRE
unsaturated hydrocarbon	340 J			
dichloropyridine isomer	3500 J(2)			4000 J(2)
trifluoromethylbenzeneamine isomer	210 J			190 J
2-(ethylthio)pyridine	320 JN			
chlorinated compound	1700 J(2)			1100 J
sulfur	210 JN			700 JN
unknown	3000 J(12)			3700 J(14)
oxygenated compound		11000 J	82000 J	
unknown hydrocarbon				120 J

	01QSX12XXXX1XX
unknown	6 J
saturated hydrocarbon	4 J(2)

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01BRXX2XXXX1XXDL3 01MWXX3XXXX1XX
 01BRXX7XXXX1XXDL3 01QSX13XXXX1XX
 01BRXX7XXXX1XXDL4
 01MWXG8XXXX1XX
 01MWXX2XXXX1XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-113
 AQUEOUS (ug/L)

VOLATILE

	01BR107XXXX1XX	01BR107XXXX1XD	01BR108XXXX1XX	01BR108XXXX1XXDL
unknown	130 J(2)	72 J(2)		
oxygenated compound	180 J	160 J		
unsaturated hydrocarbon	130 J(2)	150 J(3)	35 J	29 J
cyclohexane	130 JN	120 JN		
methylcyclohexane	82 JN	76 JN		
alkyl benzene derivative	40 J			
aromatic derivative	40 J	46 J		
ethylmethylbenzene isomer		42 J		
dimethyl sulfide			10 JN	
fluorobenzene			7 JN	
trifluoromethyl benzene			7 JN	
polychlorinated benzene derivative			130 J(2)	
trifluoromethylbenzamine isomer			8 J	

	01MWS4XXXX1XX	01PZ101XXXX1XX	01PZ101XXXX1XXDL	01PZ105XXXX1XX
fluorobenzene	7 JN	63 JN	61 JN	440 JN
unknown		24 J(2)		
unsaturated hydrocarbon		140 J	150 J	
trifluoromethyl benzene		15 JN		
trifluoromethylbenzamine isomer		19 J		
dimethyl sulfide				530 JN

	01PZ106XXXX1XX	01PZ106XXXX1XXDL	01PZXB5XXXX1XX	01PZXB5XXXX1XXDL
dibromomethane	5200 JN			
hexachloroethane	600 JN			
polychlorinated benzene derivative		35000 J		
chloromethylbenzene isomer			36 J	
dichloromethyl benzene isomer			160 J	
unsaturated hydrocarbon				330 J

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01MW107XXXX1XX	01MWS1XXXX1DX	01PZXB2XXXX1XX	01QTX24XXXX1XX
01MWXE2XXXX1XX	01MWSN2XXXX1XX	01PZXB4XXXX1XX	
01MWXE4XXXX1XX	01MWS1XXXX1XX	01QTX14XXXX1XX	
01MWXECXXXX1XX	01PZ108XXXX1XX	01QTX15XXXX1XX	
01MWSN1XXXX1XX	01PZXB1XXXX1XX	01QTX23XXXX1XX	

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-113
 AQUEOUS (ug/L)

SEMIVOLATILE

	01BR107XXXX1XX	01BR107XXXX1XD	01BRXX8XXXX1XX	01X8XXXX1XXDL
saturated hydrocarbon	630 J(9)	830 J(10)		
unknown	460 J(10)	450 J(8)	290 J(9)	240 J(4)
unknown hydrocarbon	52 J	49 J	6 J	
cyclohexane derivative		47 J		
difluorobenzene isomer			8 J	
dichloropyridine isomer			360 J(3)	330 J(3)
trifluoromethylbenzamide isomer			16 J	110 J
chlorofluoroaniline isomer			45 J(2)	
chlorinated compound			120 J(2)	
sulfur compound			11 J	
unsaturated hydrocarbon				62 J
difluoroaniline isomer				55 J

	01MW107XXXX1XX	01MWXE2XXXX1XX	01MWXE4XXXX1XX	01MWX51XXXX1XX
unknown prometon	7 J(3)	3 J	8 JN	540 J(20)

	01PZ105XXXX1XX	01PZ105XXXX1XXDL	01PZ105XXXX1XXDL2	01PZ105XXXX1XXDL3
unsaturated hydrocarbon	100 J			
dichloropyridine isomer	1400 J(2)	3600 J(3)	5900 J(3)	4900 J(3)
unknown	1500 J(13)	3200 J(13)	790 J(4)	
fluorobenzoic acid derivative	42 J			
bipyridine isomer	78 J			
chlorinated compound	22 J	30 J	280 J	
sulfur compound	580 J	150 J		
fluorobenzamide isomer		550 J		
nitrogen compound		150 J	100 J	
oxygenated compound			72 J	270 J
trifluoromethylbenzamide isomer			100 J	
unknown acid			110 J	
2,2'-dithiobispyridine			170 JN	
sulfur			73 JN	

	01PZ106XXXX1XX	01PZ106XXXX1XXDL	01PZ106XXXX1XXDL2	01PZ106XXXX1XXDL3
unknown	680 J(13)	2100 J(13)	250 J(3)	
bipyridine isomer	35 J	110 J		
chlorinated compound	64 J	76 J	49 J	
dichloropyridine isomer		2300 J(2)	4100 J(4)	4300 J(3)
fluoronitrobenzene isomer		310 J		
fluorobenzoic acid isomer		120 J		
chlorophenylpyrimidine isomer		29 J		
unsaturated hydrocarbon			86 J	

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: . 7311-113
 AQUEOUS (ug/L)

	01MWS1XXXX1XXDL	01MWS4XXXX1XX	01MWS4XXXX1XXDL	01PZ101XXXX1XX
oxygenated compound	1900 J		130 J	
dichloropyridine isomer		18 J(2)		11 J(2)
unknown		280 J(18)	46 J	93 J(8)
trifluoromethylbenzenamine isomer				12 J
chlorinated compound				28 J
chlorofluoroaniline isomer				11 J
sulfur compound				6 J
1-methylethlnitroso.2-propanamine				3 JN
2,3,6-trichlorobenzenacetic acid				250 JN

	01PZ101XXXX1XXDL	01PZ108XXXX1XX	01PZXB1XXXX1XX	01PZXB1XXXX1XXDL
fluorobenzenamine isomer	64 J			
difluorobenzenamine isomer	57 J			
1-methylethlnitroso-2-propanamine	40 JN			
unknown	300 J(2)	17 J	2500 J(8)	46 J
dichloropyridine isomer	220 J(2)			
sulfur compound			21 J	
phenanthrene derivative			110 J	
benzonaphthofuran isomer			77 J	
benzonaphthothiophene isomer			89 J	
phenanthrene derivative				100 J
PAH derivative			910 J(8)	360 J(4)

	01PZXB2XXXX1XX	01PZXB2XXXX1XXDL	01PZXB4XXXX1XX	01PZXB5XXXX1XX
unknown	9 J(2)	94 J(3)		13000 J(16)
fluorobenzenamine isomer	20 J	18 J	6 J	
difluorobenzenamine isomer	16 J	14 J	12 J	
dichloropyridine isomer	37 J(3)	41 J(3)	23 J(2)	
unknown acid		50 J		
unsaturated hydrocarbon		150 J(8)		500 J
trifluoromethylbenzenamine isomer			11 J	
chlorinated compound				4500 J(3)

	01PZXB5XXXX1XXDL2	01PZXB5XXXX1XXDL
unsaturated hydrocarbon		680 J
chlorinated compound	11000 J(3)	3300 J(9)
diphenyl ether		93 JN
unknown	1800 J(6)	4700 J(9)

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-113
AQUEOUS (ug/L)

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01BRX8XXXX1XXDL2	01PZ101XXXX1XXDL2	01PZX82XXXX1XXDL2
01MWEKXXXX1XX	01PZ105XXXX1XXDL4	01PZX84XXXX1XXDL
01MWN1XXXX1XX	01PZ105XXXX1XXDL5	01QSX14XXXX1XX
01MWN1XXXX1DX	01PZ106XXXX1XXDL4	01QSX15XXXX1XX
01MWN2XXXX1XX	01PZ106XXXX1XXDL5	

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-114
 AQUEOUS (ug/L)

VOLATILE

	01BR101XXXX1XX	01BR101XXXX1XXDL	01BR101XXXX1XXMD	01PZXB7XXXX1XX
fluorobenzene	540 JN			21 JN
dimethyldisulfide	1300 JN			
fluoromethylbenzene isomer	5800 J(2)	2300 J	1700 J	
chlorofluorobenzene isomer	3900 J(2)			
N-butyl ether	3800 JN			
chlorofluorotoluene isomer	1000 J			
unknown	470 J			

	01BR105XXXX1XX	01BRXX3XXDX1XX	01BRXX3XXDX1DX	01MWXE1XXXX1XX
unsaturated hydrocarbon	8 J			
fluorobenzene	38 JN			
fluoromethylbenzene isomer	7 J			
unknown		6 J		
isobutane		6 JN	6 JN	
saturated hydrocarbon		5 J		
unknown alcohol		9 J	6 J	
dibromomethane				6 JN
1,4-oxathiane				7 JN
S-dichloroethylether				14 JN

	01MWXE1XXXX1XXDL	01PZ103XXXX1XX	01PZ103XXXX1XXDL	01PZ104XXXX1XX
S-dichloroethyl ether	12 JN			
dimethyl sulfide		210 JN		
unsaturated hydrocarbon		580 J	570 J	
fluorobenzene		200 JN		21 JN
fluoromethyl benzene isomer		270 J	270 J	

	01PZ107XXXX1XX	01PZB10XXXX1XX	01PZB11XXXX1XX	01PZXB6XXXX1XX
aromatic derivative	880 J			
N-butyl ether		31 J.		
tetrahydrofuran			110 JN	
fluorobenzene			24 JN	88 JN
unsaturated hydrocarbon				23 J
fluoromethyl benzene isomer				10 J
chlorofluorobenzene isomer				10 J

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

- 01BR102XXXX1XX
- 01BRXX3XXXX1XX
- 01PZ107XXXX1XX
- 01PZB15XXXX1XX
- 01PZXB9XXXX1XX
- 01Qsx18XXXX1XX
- 01qTX27XXXX1XX
- 01qTX28XXXX1XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-114
 AQUEOUS (ug/L)

SEMIVOLATILE

	01BR101XXXX1XX	01BR101XXXX1XXDL	01BR101XXXX1XXDL2	01BR101XXXX1XXMD
cyclic hydrocarbon	480 J		1300 J	160 J
fluoromethylbenzene isomer	220 J			
chlorinated compound	1000 J(2)	300 J		140 J(2)
chlorofluorobenzene isomer	120 J	140 J		
unknown hydrocarbon	90 J			
unknown	600 J(7)			78 J(4)
benzene derivative	42 J		390 J	140 J(2)
difluoroaniline isomer	34 J	57 J		12 J
aniline derivative	380 J(3)		110 J	13 J
dichloropyridine isomer	300 J(2)	120 J	220 J	120 J(2)
unsaturated hydrocarbon		1200 J		
chlorofluorotoluene isomer		170 J		
3-fluorobenzenemethanol		54 JN		
trifluoromethylbenzamine isomer		160 J		
N-butyl ether			430 JN	
fluoroaniline isomer				25 J
sulfur compound				16 J

	01BR101XXXX1XXMDDL	01BR101XXXX1XXMDDL2	01BR102XXXX1XX	01BR105XXXX1XX
cyclic hydrocarbon	540 J	700 J		
fluorobenzene isomer	270 J			
chlorinated compound	370 J	62 J	11 J	4 J
chlorofluorobenzene isomer	100 J			
unknown hydrocarbon	88 J			
unknown	290 J(3)		15 J(2)	290 J(9)
phenol derivative	130 J(2)		10 J	
benzene derivative	130 J(2)	170 J		
fluoroaniline isomer	26 J			
difluoroaniline isomer	54 J		4 J	
dichloropyridine isomer	420 J(3)	260 J(2)	17 J(3)	81 J(2)
aniline derivative	40 J			
sulfur compound	38 J			
benzoic acid derivative	240 J			
N-butyl ether		140 JN	3 JN	
sulfur			12 JN	440 JN
pyridine derivative				48 J(2)
dimethyl naphthalene isomer				25 J
naphthalene derivative				5 J
nitrogenated compound				8 J
pyrimidine derivative				5 J

	101BR105XXXX1XXDL	101BR105XXXX1XXDL2	101BRXX3XXDX1XX	101BRXX3XXDX1DX
dichloropyridine isomer	680 J(3)	320 J		
aniline derivative	26 J			
sulfur compound				30 J(3)
chlorinated compound	36 J			
unknown	97 J		10 J	29 J(3)
sulfur	150 JN		32 JN	10 JN
sulfur compound			14 J(2)	
unknown alcohol			54 J	74 J
longchain saturated hydrocarbon				6 J(2)
alkyl substituted compound				10 J(3)

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-114
 AQUEOUS (ug/L)

	01BRXX3XXXX1XX	01BRXX3XXXX1XXDL	01MWXE1XXXX1XX	01MWXE1XXXX1XXDL
benzene derivative	36 J			
oxygenated compound	27 J	130 J		
unknown hydrocarbon	17 J			
unknown	800 J(15)	6000 J(11)	100 J(11)	
cyclic hydrocarbon		2400 J		
chlorinated compound		1000 J(2)		
dichloropyridine isomer		9300 J(2)		
bipyridine isomer		270 J		
pyridine derivative		1800 J		
saturated hydrocarbon			130 J(8)	
1,4-oxathiane				280 JN
dichloropyridine isomer				170 J(2)

	01PZ103XXXX1XX	01PZ103XXXX1XXDL	01PZ103XXXX1XXDL3	01PZ103XXXX1XXDL4
1,2-dichlorobenzene	1400 JN		2900 JN	1400 JN
dichloropyridine isomer	2300 J(2)	3300 J(3)	4700 J(3)	1400 J
unknown	1600 J(9)	1800 J(11)	1500 J(5)	
chlorinated compound	100 J	350 J		
dichloroaniline isomer	78 J			
cyclic hydrocarbon		370 J	570 J	
chloroaniline isomer		71 J		
pyridine derivative		54 J		
cyclohexane derivative		78 J		
sulfur		140 JN		

	01PZ104XXXX1XX	01PZ104XXXX1XXDL	01PZ107XXXX1XX	01PZ107XXXX1XXDL
phenol derivative	27 J			
unknown ketone	2 J			
unknown	180 J(9)		220 J(8)	
dichloropyridine isomer	260 J(3)	230 J	280 J(2)	280 J(3)
sulfur	200 JN			
cyclic hydrocarbon			70 J	
chlorinated compound			54 J	
1,4-oxathiane			65 JN	240 JN
indole derivative			48 J	
pyrimidine derivative			23 J(3)	
pyridine derivative			22 J	

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-114
 AQUEOUS (ug/L)

	01PZB10XXXX1XX	01PZB11XXXX1XX	01PZB15XXXX1XX	01PZB15XXXX1XXDL
unknown	33 J(5)	140 J(12)	1300 J(9)	510 J(5)
dichloropyridine isomer	20 J(3)		130 J(3)	230 J(2)
longchain saturated hydrocarbon	5 J(2)	17 J(3)		
alkyl substituted compound	6 J(2)	5 J		
saturated hydrocarbon	5 J(2)			
butoxyethoxyethanol isomer		410 J		
butoxyetoxyethanol derivative		93 J		
unknown hydrocarbon		13 J(2)		
cyclic hydrocarbon			21 J	
nitrogenated compound			130 J	99 J
chlorophenylprimidine isomer			110 J(4)	
pyridine derivative			50 J	520 J

	01PZB15XXXX1XXDL2	01PZXB6XXXX1XX	01PZXB6XXXX1XXDL	01PZXB7XXXX1XX
dichloropyridine isomer	240 J(2)	140 J(2)	490 J(3)	110 J(2)
nitrogen compound	56 J			
sulfur compound	560 J			
chloropyridine isomer		1200 J		
difluoroaniline isomer		46 J		
unknown		290 J(10)		120 J(2)
flourinated compound		360 J		
chloroaniline isomer		14 J		
pyridine derivative		70 J		
oxygenated compound		9 J		
longchain saturated hydrocarbon		5 J		
fluorobenzenamine isomer				3 J

	01PZXB7XXXX1XXDL	01PZXB9XXXX1XX	01PZXB9XXXX1XXDL
dichloropyridine isomer	160 J	68 J(2)	130 J(2)
unknown		96 J(10)	98 J
alkyl substituted compound		23 J(5)	
longchain saturated hydrocarbon		3 J	

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01BR102XXXX1XXDL	01MWE1XXXX1XXDL2	01PZB10XXXX1XXDL2	01PZXB9XXXX1XXDL3
01BR105XXXX1XXDL3	01PZ103XXXX1XXDL5	01PZB11XXXX1XXDL	01GSX18XXXX1XX
01BRXX3XXXX1XXDL2	01PZ104XXXX1XXDL2	01PZB15XXXX1XXDL3	
01BRXX3XXXX1XXDL3	01PZ107XXXX1XXDL2	01PZXB6XXXX1XXDL2	
	01PZB10XXXX1XXDL	01PZXB7XXXX1XXDL2	

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-115
 AQUEOUS (ug/L)

VOLATILE

	01BR104XXXX1XX	01BRXX2XXDX1XX	01BRXX2XXDX1XXDL	01MW104XXXX1XX
fluorobenzene	4 JN			
trichlorobenzene isomer	10 J	250 J(2)		
unknown		160 J(3)		
saturated hydrocarbon		22 J		
isobutane		60 JN		
unknown alcohol		8 J	24 J	
diphenyl ether		100 JN		18 JN
dimethyl sulfide		140 JN	99 JN	
methylthio ethane			18 JN	
aromatic derivative				14 J

	01MWXC3XXXX1XX	01MWXE3XXXX1XX	01MWXC1XXXX1XX	01MWXC4XXXX1XX
trifluoromethylbenzene derivative	11 J			
fluorobenzene		78 JN	13 JN	
fluoromethylbenzene isomer	61 J			12 J
chlorofluorobenzene isomer	13 J			
S-dichloroethyl ether				16 JN
unsaturated hydrocarbon				15 J
cyclohexane				16 JN

	01PZB14XXXX1XX	01PZB17XXXX1XX	01PZXB3XXXX1XX	01PZB16XXXX1XX
fluorobenzene	20 JN			22 JN
N-butyl ether	7 JN			
fluoromethylbenzene isomer		56 J		72 J
unknown				38 J
unsaturated hydrocarbon		55 J		
dibromomethane		220 JN		
chlorinated compound		280 J		
tetrahydrofuran			4 JN	

	01PZXB8XXXX1XX	01PZX88XXXX1DX
fluorobenzene	88 JN	63 JN
unknown	23 J	16 J
chlorofluorobenzene isomer	16 J	10 J
N-butyl ether		17 JN

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01BRXX6XXXX1XX	01MWXN3XXXX1XX	01QTX25XXXX1XX
01BRXX6XXXX1XXDL	01PZB16XXXX1XXDL	01QTX26XXXX1XX
01MWXC2XXAX1XX	01PZB17XXXX1XXDL	
01MWXC5XXXX1XX	01QSX16XXXX1XX	
01MWXC5XXXX1DX	01QSX17XXXX1XX	

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-115
 AQUEOUS (ug/L)

SEMIVOLATILE

	01BR104XXXX1XX	01BR104XXXX1XXDL	01BRXX2XXDX1XX	01BRXX6XXXX1XX
1,4-oxathiane	9 JN			
dichloropyridine isomer	54 J(2)	27 J		600 J(2)
unknown	26 J		43 J(5)	340 J(10)
sulfur compound	8 J		100 J(2)	100 J(3)
methylethyldisulfide			5 JN	
disulfide derivative			2 J	
nitrogen compound			4 J	
unknown alcohol			260 J(2)	
benzothiazole derivative			10 J	
N,N'-diphenyl guanidine			29 JN	
(2butoxyethoxy) ethanol derivative				1200 J
chlorophenylpyrimidine isomer				16 J

	01BRXX6XXXX1XXDL2	01BRXX6XXXX1XXDL3	01BRXX6XXXX1XXDL	01MW104XXXX1XX
unknown			3500 J(10)	
dichloropyridine isomer	720 J(2)		1300 J(3)	3 J
(2butoxyethoxy) ethanol derivative	9700 J	8000 J	6600 J	
chlorinated compound	510 J		350 J	
chlorophenylpyrimidine isomer			390 J(3)	
N-butylbenzenesulfonamide			56 JN	
sulfur compound	4900 J	2800 J	1400 J	

	01MWXC1XXXX1XX	01MWXC2XXAX1XXDL	01MWXC3XXXX1XX	01MWXC2XXAX1XX
unknown	10 J	150 J(2)	9 J(2)	260 J(9)
pyridinamine isomer		110 J		26 J
dichloropyridine isomer		27 J	15 J(3)	16 J(2)
(2butoxyethoxy)ethanol derivative		26 J	150 J	40 J
chlorinated compound			7 J	10 J
bipyridine isomer				16 J
chlorophenylpyrimidine isomer		32 J		130 J(5)
fluoromethylbenzene isomer			5 J	
difluoroaniline isomer			3 J	
trifluoromethylbenzamine isomer			3 J	
polychlorinated compound			4 J	
2(2butoxyethoxy)ethanol acetate			370 JN	
prometon			3 JN	

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-115
 AQUEOUS (ug/L)

	01MWXC5XXXX1XX	01MWXC4XXXX1XX	01MWXC4XXXX1XXDL	01MWXC3XXXX1XXDL
chlorinated compound	770 J	68 J	82 J	6 J
dichloropyridine isomer	12 J	49 J(3)		7 J
(2butoxyethoxy)ethanol derivative				140 J
2(2butoxyethyl)ethanol acetate			170 JN	330 JN
unknown	2400 J(8)	180 J(8)		
fluorobenzenamine isomer		2 J		
1,2 dichlorobenzene	6 JN			
diphenyl ether	68 JN			
nitrogen compound	64 J			
chlorophenylpyrimidine isomer	140 J			
dithiobispyridine isomer	790 J			

	01MWXC5XXXX1XXDL2	01MWXC5XXXX1DX	01MWXC5XXXX1XXDL	01MWXC5XXXX1DXDL
unknown	43000 J	1200 J(11)	1100 J(5)	4100 J(11)
benzonitrile			83 JN	120 JN
sulfur compound			830 J(3)	120 J
dichloropyridine isomer	53000 J(2)	52 J(2)	3800 J(2)	13000 J(3)
2-ethylhexanoic acid			210 JN	
chlorinated compound			450 J(2)	710 J
diphenyl ether		23 JN	160 JN	190 JN
nitrogen compound			3000 J	
bipyridine isomer			87 J	
chlorophenyl pyrimidine isomer		170 J(2)	150 J	
fluoroisothiocyanatobenzene isomer			52 J	
unsaturated hydrocarbon		43 J		

	01MWXE3XXXX1XX	01MWXC5XXXX1DXDL2	01MWXN3XXXX1XX	01PZB14XXXX1XX
dichloropyridine isomer		5000 J(2)		180 J(2)
nitrogen compound		4000 J		
1,4-oxathiane	2 JN			
trifluoromethylbenzamine isomer	2 J			10 J
(butoxyethoxy)ethanol derivative	10 J		33 J	
unknown				110 J(5)
chloroaniline isomer				4 J
chlorinated compound				15 J(2)
sulfur compound				9 J
2,3,6-trichlorobenzeneacetic acid				11 JN

	01PZB14XXXX1XXDL	01PZB16XXXX1XXDL	01PZB16XXXX1XXDL2	01PZB16XXXX1XX
dichloropyridine isomer	260 J(2)	1000 J(3)	1700 J(3)	330 J(2)
unknown	220 J(2)	4000 J(9)	1800 J(2)	3200 J(12)
unsaturated hydrocarbon				310 J
chlorinated compound		1400 J(3)	580 J	58 J(2)
chlorophenylpyrimidine isomer		170 J		340 J(2)
sulfur compound		13000 J(3)	1400 J	110 J
1,4-oxathiane		71 JN		
pyridinamine isomer			960 J	

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-115
 AQUEOUS (ug/L)

	01PZB16XXXX1XXDL3	01PZB17XXXX1XX	01PZB17XXXX1XXDL	01PZXB8XXXX1XX
sulfur compound	8200 J			24 J
N,N-dimethylcyclohexanamine		270 JN		
unknown		3000 J(10)	720 J	1400 J(13)
dichloropyridine isomer		6500 J(2)	12000 J(3)	300 J
2-ethylhexanoic acid		820 JN		
trichlorobenzene isomer		280 J		
polychlorinated compound		140 J		
chlorinated compound		550 J(2)		210 J(3)
nitrogen compound		880 J(2)		
N-cyclohexylcyclohexanamine			1400 JN	
1,2 dichlorobenzene				22 JN
chlorofluoroaniline isomer				16 J

	01PZXB8XXXX1XXDL	01PZXB8XXXX1XXDL2	01PZXB8XXXX1DX	01PZXB8XXXX1DXDL
unknown	2000 J(5)	1200 J(2)	1100 J(16)	1600 J(7)
dichloropyridine isomer	2900 J(2)	2600 J(2)	710 J	2300 J(2)
chlorinated compound	350 J		340 J	250 J
chlorofluoroaniline isomer			24 J	
sulfur compound			36 J	420 J
2,3,6 trichlorobenzene acetic acid				110 JN

	01PZXB8XXXX1DXDL2	01PZXB8XXXX1DXDL3	01Q5X16XXXX1XX
unknown	1000 J(2)	810 J(2)	600 J(6)
sulfur compound	280 J		
dichloropyridine isomer	2000 J(2)	1700 J(2)	
chlorinated compound	190 J		6 J(2)
polychlorinated compound			170 J(8)

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

- 01BR104XXXX1XXDL2
- 01PZB14XXXX1XXDL3
- 01Q5X17XXXX1XX
- 01MWC1XXXX1XX
- 01PZB17XXXX1XXDL2
- 01MWC5XXXX1XXDL3
- 01PZB17XXXX1XXDL3
- 01MWC5XXXX1DXDL3
- 01PZXB8XXXX1XXDL3
- 01PZB14XXXX1XXDL2
- 01PZXB8XXXX1DXDL4

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-116
 AQUEOUS (ug/L)

VOLATILE

	AREA C	01BRX05XXDX1XX	01BRX05XXDX1DX	01BR105XXDX1DXRE
nitrogenated compound	460 J			
unknown	12 J	832 J(6)	711 J(6)	2572 J(6)
benzene fluoro	13 JN			
dimethyl sulfide		360 JN	430 JN	310 JN
ethane, methylthio		99 JN	78 JN	84 JN
propane, 2 methylthio		29 JN		29 JN
propane, c2-methylthio			32 JN	

	01BR106XXXX1XX	01BR108XXXX1XX	CALGON OUTLET
unknown	29 J	179 J(5)	230 J
ethane, 1,1,2-trichloro-1,2	190 JN		
oxygenated compound	40 J		
cyclic hydrocarbon	26 J		
fluorobenzene	44 JN		
unknown hydrocarbon		53 J(5)	
nitrogenated compound			2100 J

	CALGON OUTLETDL	01MW106XXXX1XX	01QDXX2XXXX1XX
unknown	210 J	33 J	7 J
cyanomethane derivative	2800 J		
dimethyl sulfide		60 JN	
tetrahydro furan		22 JN	
cyclic hydrocarbon		180 J	
fluorobenzene		290 JN	
benzene derivative		22 J	
fluoromethylbenzene isomer		36 J	
unknown siloxane			18 J

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01MW108XXXX1XX 01PZ102XXXX1XX
 01QSX19XXXX1XX 01BRXX4XXXX1XX
 01QTX29XXXX1XX
 01QTX30XXXX1XX
 01QTX31XXXX1XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-116
 AQUEOUS (ug/L)

SEMIVOLATILE

	01BR108XXXX1XX	01BRXX4XXXX1XX	01BRXX4XXXX1XXDL	CALGON OUTLET
unknown	4 J	110 J(6)		665 J(3)
dichloropyridine isomer		6 J(2)		
chlorinated compound		3 J		
sulfur		98 JN	58 JN	
n-nitrosodimethylamine				240 JN

	CALGON OUTLET DL	01MW106XXXX1XX	01MW106XXXX1XXDL	01MW106XXXX1XXD2
n,n-dimethylformamide	470 JN			
3-bromopyridine		140 JN	48 JN	180 JN
dichloropyridine isomer		170 J	332 J(3)	1700 J(3)
trifluormethylbenzamine isomer		210 J	75 J	230 J
unknown		389 J(10)	310 J(3)	
chlorinated compound		36 J	34 J	
dichlorobenzamine isomer		8 J		
236 trichlorobenzeneacetic acid		140 JN	120 JN	
sulfur		681 J(3)N	900 JN	840 JN
sulfur compound			120 J	
1,1'-oxybis(2-methoxyethane)				230 JN

	AREA C	AREA CDL	01BR105XXDX1XX	01BR105XXDX1DX
unknown	430 J(12)	90 J	915 J(10)	
chlorinated compound	41 J(3)	160 J		
bromopyridine isomer	4 J			
dichloropyridine isomer	67 J(2)	963 J(3)	11 J	
trifluormethyl benzamine isomer	19 J	55 J		
sulfur compound	56 J	92 J	10 J(2)	
unsaturated hydrocarbon			23 J	
hexanal			5 JN	
methyl ethyl disulphide			8 JN	
fluorobenzamine isomer			3 J	
nonanoic acid			6 JN	
sulfur			520 JN	
alkyl substituted compound			17 J	
tri(2-chloroethyl) phosphate				1300 JN

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
 FOR OLIN ROCHESTER PHASE I RI/FS; FILE: 7311-116
 AQUEOUS (ug/L)

	01BR105XXDX1DXD	01BR105XXDX1DXDL	01BR106XXXX1XX	01BR106XXXX1XXDL
unsaturated hydrocarbon	20 J			
hexanal	6 JN			
methyl ethyl disulfide	8 JN			
fluorobenzamine isomer	3 J			22 J
unknown	122 J(10)		79 J(9)	
sulfur compound	6 J			
dichloropyridine isomer	12 J		23 J(2)	186 J(2)
nonanoic acid	7 JN			
tri(2-chloroethyl)phosphate	730 JN	1500 JN		
sulfur	650 JN		950 JN	1200 JN
alkyl substituted compound	19 J			
trifluoromethylbenzamine isomer			5 J	24 J
chloroaniline isomer			4 J	
chlorinated compound			16 J(2)	
1,1'-oxybis(2-methylethane)				30 JN

	01PZ102XXXX1XX	01PZ102XXXX1XXDL	01PZ102XXXX1XXD2	01Q5X19XXXX1XX
unsaturated hydrocarbon	280 J	550 J	530 J	
3-bromopyridine	55 JN	100 JN		
dichloropyradine isomer	3290 J(3)	1380 J(3)	1470 J(3)	
trifluoromethylbenzamine isomer	110 J	200 J	190 J	
chlorinated compound	46 J	80 J		
unknown	956 J(12)	2913 J(6)		8 J(2)
sulfur	1300 JN			
fluoromethylbenzene isomer		110 J		

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

01MW106XXXX1XXD3
 AREACD3
 AREACD2
 01BR106XXXX1XXD2
 01PZ102XXXX1XXD3

VALIDATION MEMORANDA

MEMORANDUM

To: Tom Eschner
From: Steve Turner
Date: July 18, 1994
Subject: Validation: Olin Rochester
Project No.: 07311-04
Sampling Dates: October 20, 1993 through February 4, 1994

Review is complete for the data packages generated by Recra Laboratories concerning the water and soil samples collected during the Olin Rochester field program. Review was performed following New York State Department of Environmental Conservation (NYSDEC) criteria and USEPA Region II guidelines. Samples were evaluated for holding time, field and laboratory blank contamination, surrogate recovery, duplicate results, and matrix spike results. Samples were analyzed for volatiles, semivolatiles, pesticides/PCBs, and inorganics using protocols specified in the NYSDEC Analytical Services Protocol (September 1991). The data tables referred to in this memo consist of the following:

Table 1: Laboratory Report of Analysis

Table 2: Validation / Summary Table

The following subsections summarize the qualifications/edits that have been detected by validation.

All Organic Analyses

Compound results below the CRQL were flagged with a J by the laboratory on Table 1. These results were considered estimated and flagged J on Table 2.

Compound results greater than the calibration range were flagged with an E by the laboratory and on Table 1. Samples containing these compounds were diluted and reanalyzed, and the diluted results flagged with a D by the laboratory and on Table 1. On Table 2, the diluted results for all compounds beyond calibration range were inserted into the original results and the remainder of the diluted analysis deleted from Table 2.

Inorganic Analyses

Analyte results below the CRDL were flagged with a B by the laboratory on Table 1. These results were considered estimated and were flagged with a J on Table 2.

Volatile Analyses - Qualifications/Edits

1. Due to trip, equipment, field, or laboratory method blank contamination, methylene chloride, 4-methyl-2-pentanone, toluene, xylenes (total), chloroform, and chlorobenzene were qualified as non-detect in associated samples where the results were below the calculated blank action level. No action was required for ethylbenzene, carbon tetrachloride, 1,1,1-trichloroethane, bromodichloromethane, dibromochloromethane, bromoform, benzene, and tetrachloroethene because they were not detected in associated samples.
2. Results were estimated for the following samples (and their duplicates) because field duplicate precision criteria were not met.

<u>Sample</u>	<u>Compound(s)</u>
01TW102012X1XX	1,2-dichloropropane
01TR137002X1XX	acetone
01BR105XXDX1XX	vinyl chloride
01TR152004X1XX	methylene chloride, acetone, chloroform, tetrachloroethene, toluene

3. Results were estimated for 01TW10201X1XX and 01TW10201X1DX (all undiluted results) and for 01BR101XXXX1XX and 01BR105XXDX1DX because system monitoring compound recoveries were outside acceptance limits.
4. Samples 01TW157015X1XX, 01TW159013X1XX, and 01TW159013X1DX were delayed in shipment and were received by the laboratory at ambient temperature. Therefore, results for these samples were estimated.

Semivolatile Analyses - Qualifications/Edits

5. Due to equipment, field, or laboratory method blank contamination, bis(2-ethylhexyl)phthalate, di-n-butylphthalate, 2-chloropyridine, and butylbenzylphthalate were qualified as non-detect in associated samples where the results were below the calculated blank action level. No action was required for diethylphthalate and 2,6-dichloropyridine because they were not detected in associated samples.
6. Base/neutral results for 01BR101XXXX1XX were estimated because surrogate recovery criteria were not met. Acid surrogate recoveries for 01PZXB6XXXX1XX, 01PZXB7XXXX1XX, and 01BR105XXXX1XX were less than 10%; therefore, the acid results from the diluted analyses were reported on Table 2.
7. Results for 01TW138010XX1XX and 01TW138010XX1DX were estimated because the sample was extracted outside the holding time.

8. Results were estimated for the following samples (and their duplicates) because field duplicate precision criteria were not met.

<u>Sample</u>	<u>Compound(s)</u>
01TW159013X1XX	pyrene
01TR152004X1XX	bis(2-ethylhexyl)phthalate
01SS102000X1XX	phenanthrene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, bis(2-ethylhexyl)phthalate, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene
01SS111000X1XX	phenanthrene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, bis(2-ethylhexyl)phthalate, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, anthracene, carbazole, indeno(1,2,3-c,d)pyrene, benzo(g,h,i)perylene

Pesticide/PCB Analyses - Qualifications/Edits

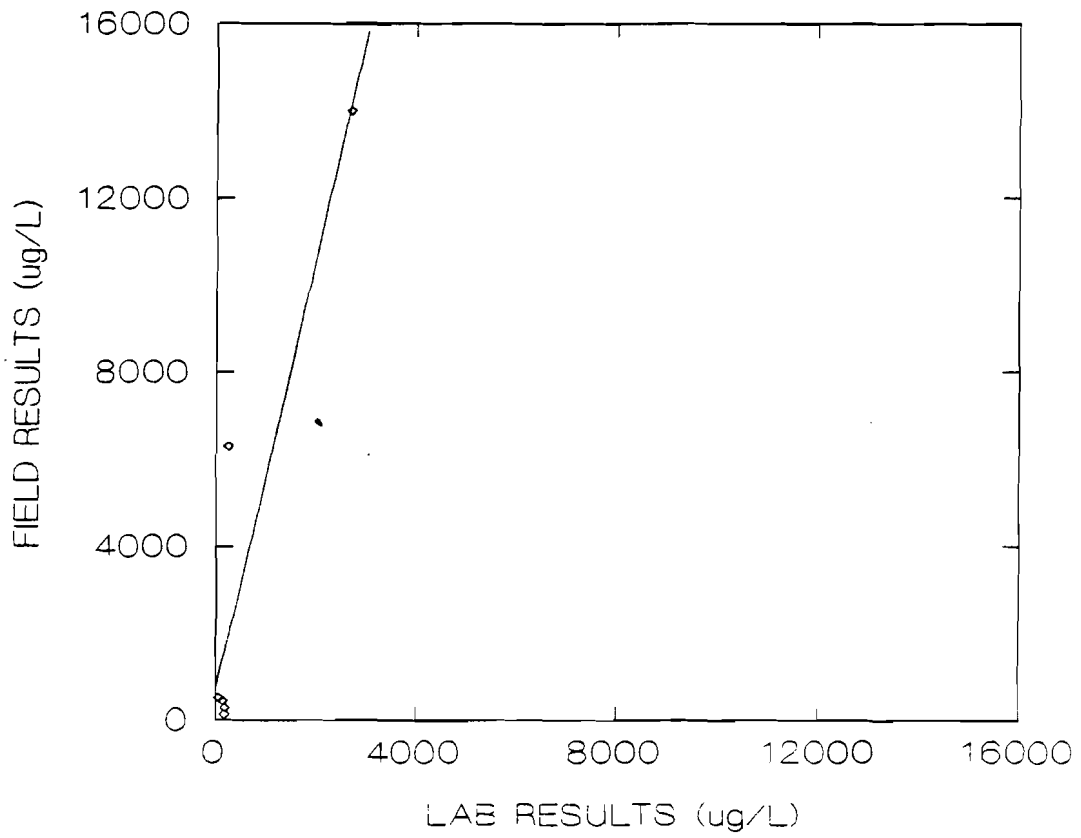
9. No validation was requested for these analyses.

Inorganic Analyses - Qualifications/Edits

10. Due to equipment, field, or laboratory blank contamination, lead, magnesium, and calcium were rejected in associated samples where the results were below the calculated blank action level. No action was required for aluminum, iron, manganese, potassium, sodium, zinc, and barium because the associated sample results were non-detect or above the calculated blank action level.
11. Associated samples were estimated for non-compliant matrix spike results for mercury, silver, thallium, cyanide, selenium, lead, antimony, and arsenic. Positive iron and zinc results and positive and non-detect silver, thallium, lead, and selenium results were rejected in associated samples because of non-compliant matrix spike results.
12. Results were estimated for poor laboratory duplicate precision for aluminum, arsenic, iron, potassium, chromium, and manganese for all associated samples.
13. Associated water samples were estimated for arsenic and cyanide, and associated soil samples were estimated for lead, calcium, chromium, copper, manganese, magnesium, and nickel, because field duplicate precision criteria were not met.

**FIELD AND OFF-SITE
LABORATORY DATA COMPARISON**

OLIN ONSITE vs. OFFSITE DATA COMPARISON
SOIL 2,6-DICHLOROPYRIDINE



DEP VAR: FLDRES N: 6 MULTIPLE R: 0.919 SQUARED MULTIPLE R: 0.844
ADJUSTED SQUARED MULTIPLE R: .805 STANDARD ERROR OF ESTIMATE: 2482.161

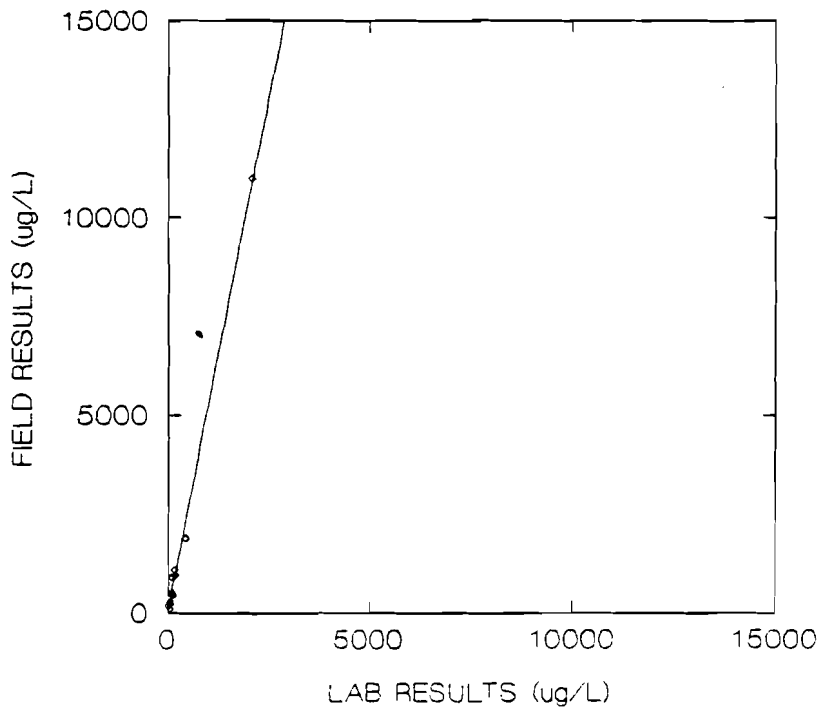
VARIABLE	COEFFICIENT	STD. ERROR	STD COEF	TOLERANCE	T	P (2 TAIL)
CONSTANT	744.626	1186.828	0.000	.	0.627	0.564
LABRES	4.959	1.067	0.919	1.000	4.649	0.010

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
REGRESSION	.133140E+09	1	.133140E+09	21.610	0.010
RESIDUAL	.246445E+08	4	6161120.899		

OLIN ONSITE vs. OFFSITE DATA COMPARISON

AQUEDUS 2,6-DICHLOROPYRIDINE



DEP VAR: FLDRES N: 11 MULTIPLE R: 0.998 SQUARED MULTIPLE R: 0.995
 ADJUSTED SQUARED MULTIPLE R: .995 STANDARD ERROR OF ESTIMATE: 225.950

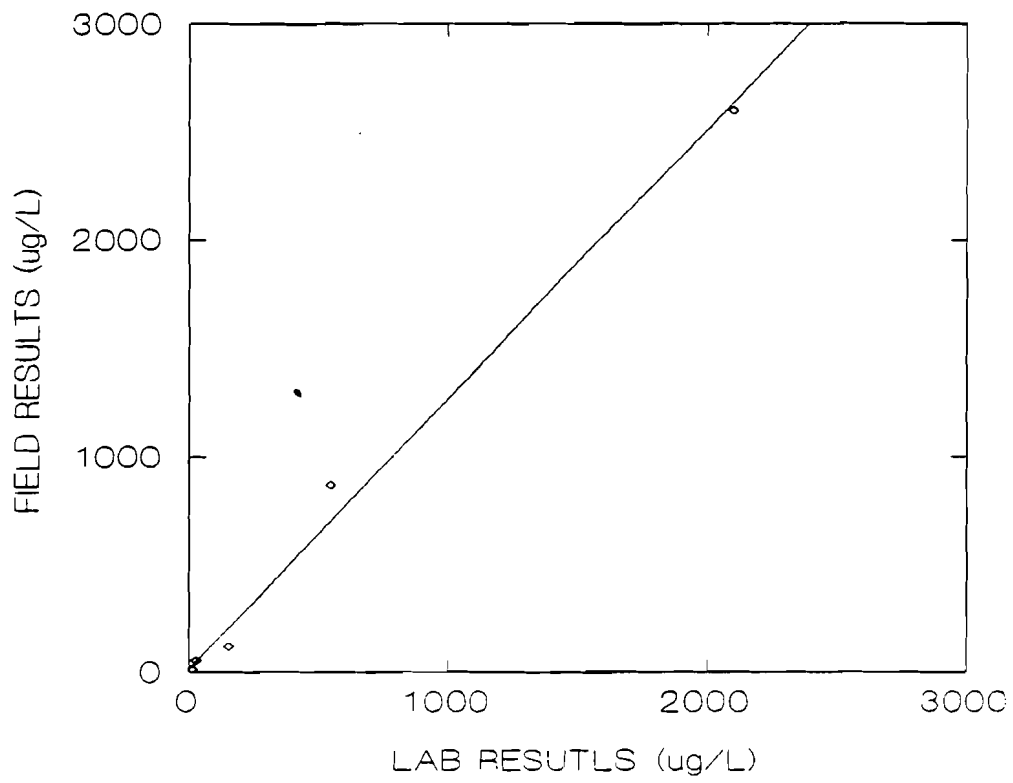
VARIABLE	COEFFICIENT	STD ERROR	STD COEF	TOLERANCE	T	P(2 TAIL)
CONSTANT	79.442	76.424	0.000	.	1.039	0.326
LABRES	5.163	0.117	0.998	1.000	44.116	0.000

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
REGRESSION	.993591E+08	1	.993591E+08	1946.184	0.000
RESIDUAL	459479.794	9	51053.310		

OLIN ONSITE vs. OFFSITE DATA COMPARISON

AQUEOUS CH₂CL₂



DEP VAR: FLDRES N: 7 MULTIPLE R: 0.997 SQUARED MULTIPLE R: 0.993
 ADJUSTED SQUARED MULTIPLE R: .992 STANDARD ERROR OF ESTIMATE: 86.251

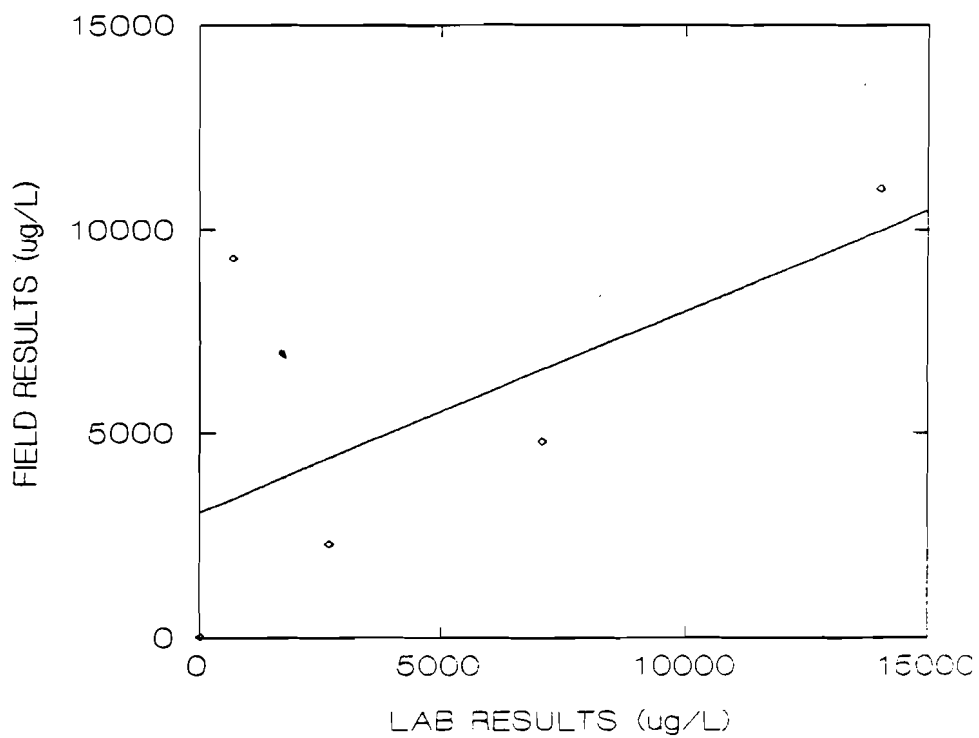
VARIABLE	COEFFICIENT	STD ERROR	STD COEF	TOLERANCE	T	P(2 TAIL)
CONSTANT	18.991	37.642	0.000	.	0.505	0.635
LABRES	1.247	0.046	0.997	1.000	27.243	0.000

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	F
REGRESSION	5521185.644	1	5521185.644	742.179	0.000
RESIDUAL	37195.785	5	7439.157		

OLIN ONSITE vs. OFFSITE DATA COMPARISON

AQUEOUS CHCL3



DEP VAR: FLDRES N: 5 MULTIPLE R: 0.619 SQUARED MULTIPLE R: 0.383
 ADJUSTED SQUARED MULTIPLE R: .177 STANDARD ERROR OF ESTIMATE: 4190.447

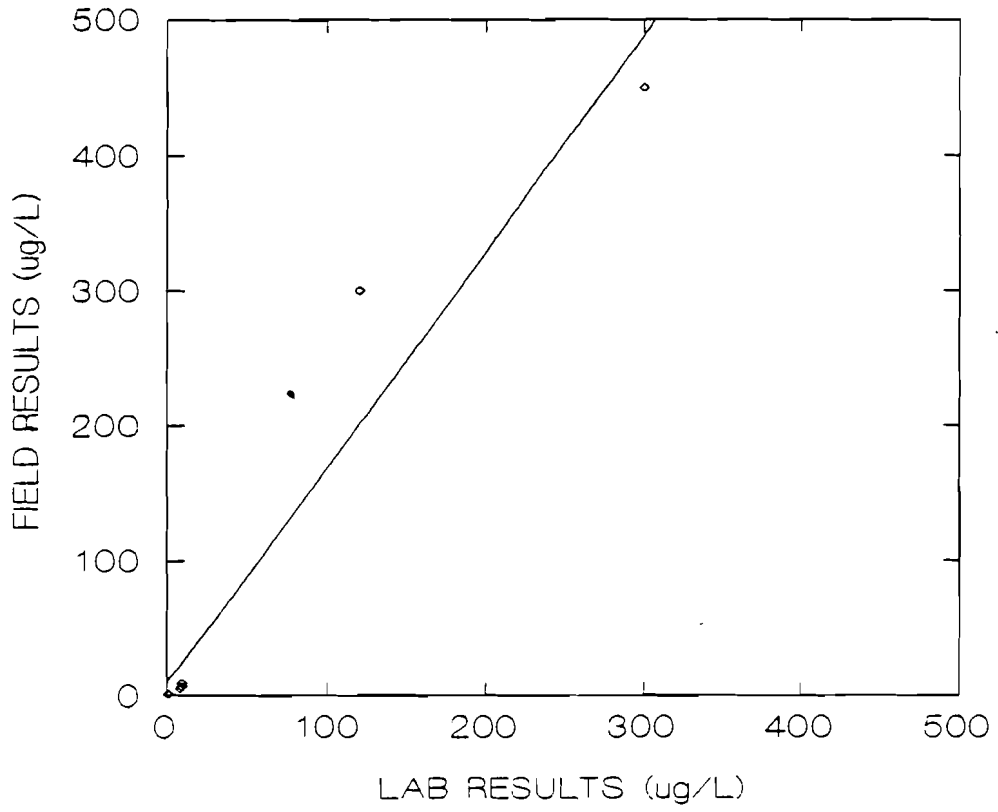
VARIABLE	COEFFICIENT	STD ERROR	STD COEF	TOLERANCE	T	P(2 TAIL)
CONSTANT	3065.499	2579.860	0.000	.	1.188	0.320
LABRES	0.494	0.362	0.619	1.000	1.365	0.266

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
REGRESSION	.327040E+08	1	.327040E+08	1.862	0.266
RESIDUAL	.526795E+08	3	.175598E+08		

OLIN ONSITE vs. OFFSITE DATA COMPARISON

AQUEOUS PCE



DEP VAR: FLDRES N: 6 MULTIPLE R: 0.968 SQUARED MULTIPLE R: 0.937
 ADJUSTED SQUARED MULTIPLE R: .921 STANDARD ERROR OF ESTIMATE: 55.088

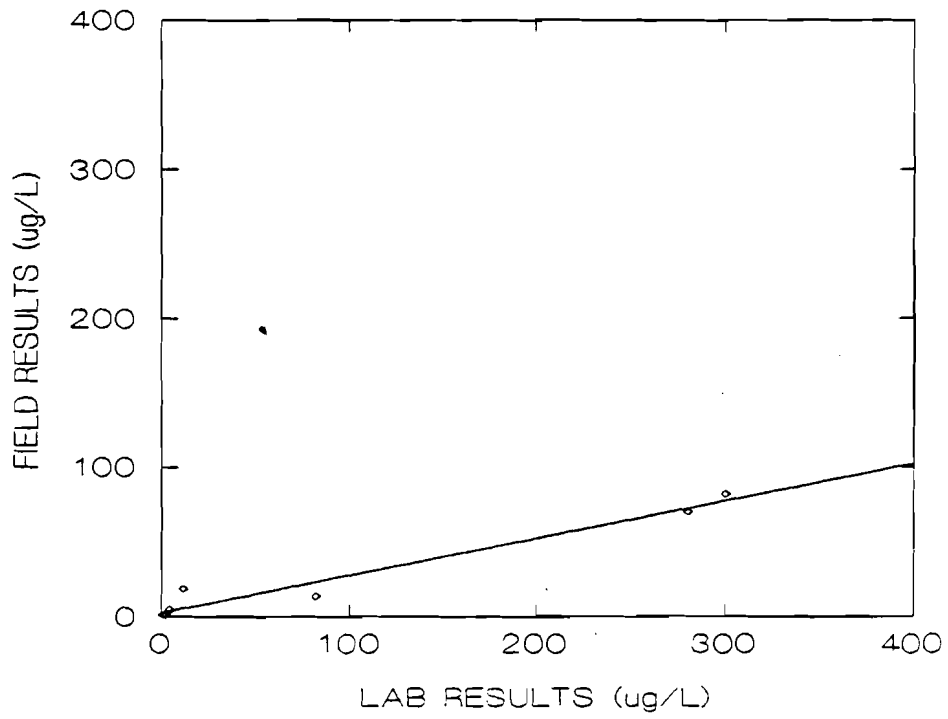
VARIABLE	COEFFICIENT	STD ERROR	STD COEF	TOLERANCE	T	P(2 TAIL)
CONSTANT	10.189	27.236	0.000	.	0.374	0.727
LABRES	1.593	0.206	0.968	1.000	7.722	0.002

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
REGRESSION	180963.615	1	180963.615	59.631	0.002
RESIDUAL	12138.813	4	3034.703		

OLIN ONSITE vs. OFFSITE DATA COMPARISON

AQUEOUS TCE



DEP VAR: FLDRES N: 8 MULTIPLE R: 0.980 SQUARED MULTIPLE R: 0.960
 ADJUSTED SQUARED MULTIPLE R: .953 STANDARD ERROR OF ESTIMATE: 7.108

VARIABLE	COEFFICIENT	STD ERROR	STD COEF	TOLERANCE	T	P(2 TAIL)
CONSTANT	3.091	3.073	0.000	.	1.006	0.353
LABRES	0.248	0.021	0.980	1.000	11.946	0.000

ANALYSIS OF VARIANCE

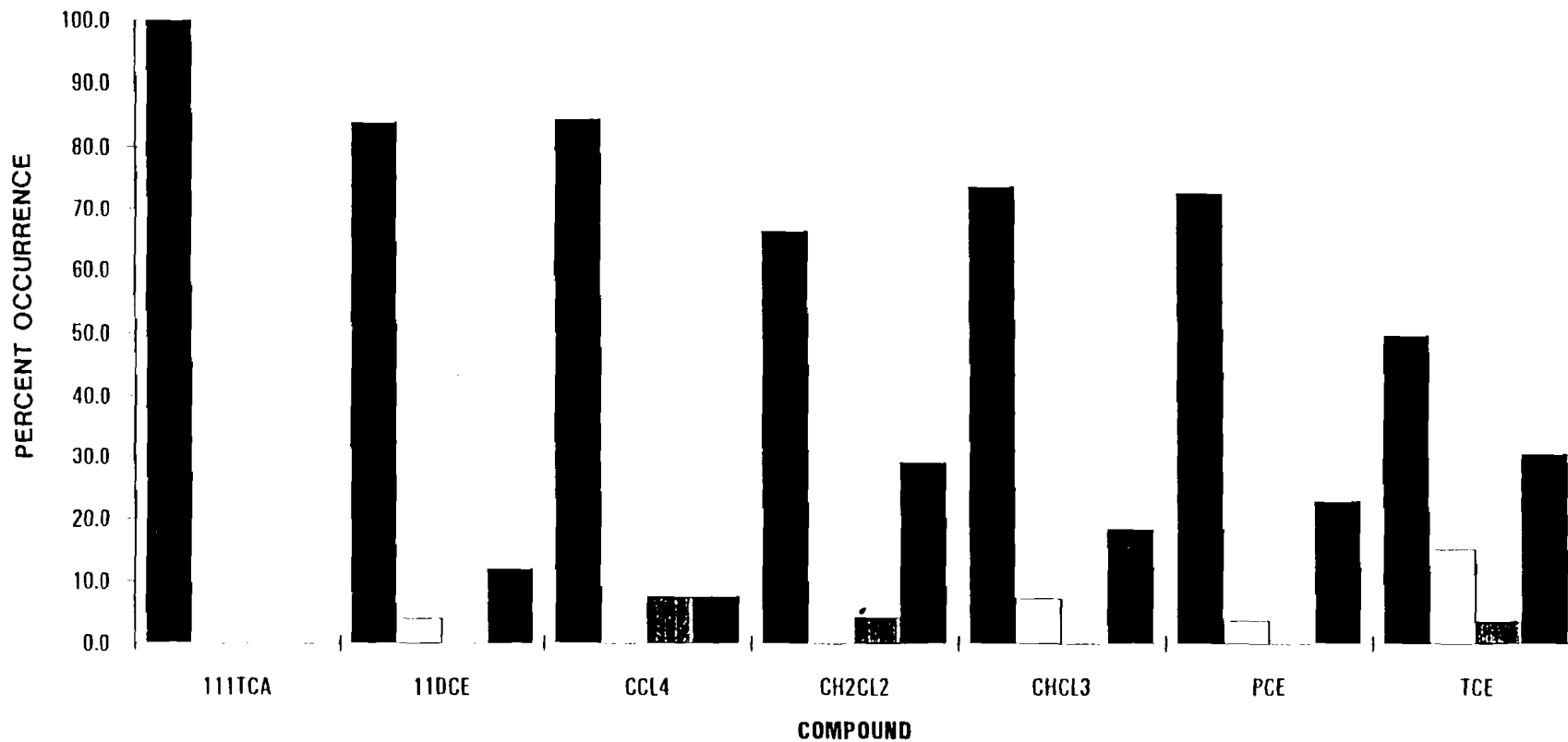
SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
REGRESSION	7210.772	1	7210.772	142.711	0.000
RESIDUAL	303.163	6	50.527		

**ONSITE vs. OFFSITE LABORATORY
DATA COMPARISON**

OLIN ROCHESTER

VOA AQUEOUS										
	NUMBERS OF INSTANCES								PERCENTAGES	
CMPD	NO ON ND OFF	ND ON HIT OFF	HIT ON ND OFF	HIT ON HIT OFF	NO ON ND OFF	NO ON HIT OFF	HIT ON ND OFF	HIT ON HIT OFF		
111TCA	27	0	0	0	100.0	0.0	0.0	0.0	0.0	27
110CE	21	1	0	3	84.0	4.0	0.0	12.0		25
CCL4	22	0	2	2	84.8	0.0	7.7	7.7		26
CH2CL2	18	0	1	7	86.7	0.0	4.2	28.2		24
CHCL3	20	2	0	5	74.1	7.4	0.0	18.5		27
PCE	19	1	0	6	73.1	3.8	0.0	23.1		26
TCE	13	4	1	8	50.0	15.4	3.8	30.8		26
VOA SOILS										
	NUMBERS OF INSTANCES								PERCENTAGES	
CMPD	NO ON ND OFF	ND ON HIT OFF	HIT ON ND OFF	HIT ON HIT OFF	NO ON ND OFF	NO ON HIT OFF	HIT ON ND OFF	HIT ON HIT OFF		
111TCA	18	0	0	0	100.0	0.0	0.0	0.0		16
110CE	13	0	3	0	81.3	0.0	18.8	0.0		16
CCL4	11	0	3	0	78.8	0.0	21.4	0.0		14
CH2CL2	13	0	1	1	86.7	0.0	6.7	6.7		15
CHCL3	8	0	0	2	80.0	0.0	0.0	20.0		10
PCE	11	1	0	2	78.8	7.1	0.0	14.3		14
TCE	11	1	0	2	78.8	7.1	0.0	14.3		14
PYRIDINE WATERS										
	NUMBERS OF INSTANCES								PERCENTAGES	
CMPD	NO ON ND OFF	ND ON HIT OFF	HIT ON ND OFF	HIT ON HIT OFF	NO ON ND OFF	NO ON HIT OFF	HIT ON ND OFF	HIT ON HIT OFF		
280CPYR	5	0	1	11	28.4	0.0	5.8	64.7		17
2CPYR	3	7	0	2	25.0	58.3	0.0	18.7		12
3CPYR	12	1	0	1	85.7	7.1	0.0	7.1		14
4CPYR	17	0	1	1	88.5	0.0	5.3	5.3		18
PYRIDINE SOILS										
	NUMBERS OF INSTANCES								PERCENTAGES	
CMPD	NO ON ND OFF	ND ON HIT OFF	HIT ON ND OFF	HIT ON HIT OFF	NO ON ND OFF	NO ON HIT OFF	HIT ON ND OFF	HIT ON HIT OFF		
280CPYR	5	1	0	8	41.7	8.3	0.0	50.0		12
2CPYR	1	4	3	3	8.1	38.4	27.3	27.3		11
3CPYR	10	1	0	1	83.3	8.3	0.0	8.3		12
4CPYR	18	0	0	0	100.0	0.0	0.0	0.0		16

OLIN ONSITE vs OFFSITE
DATA COMPARISON

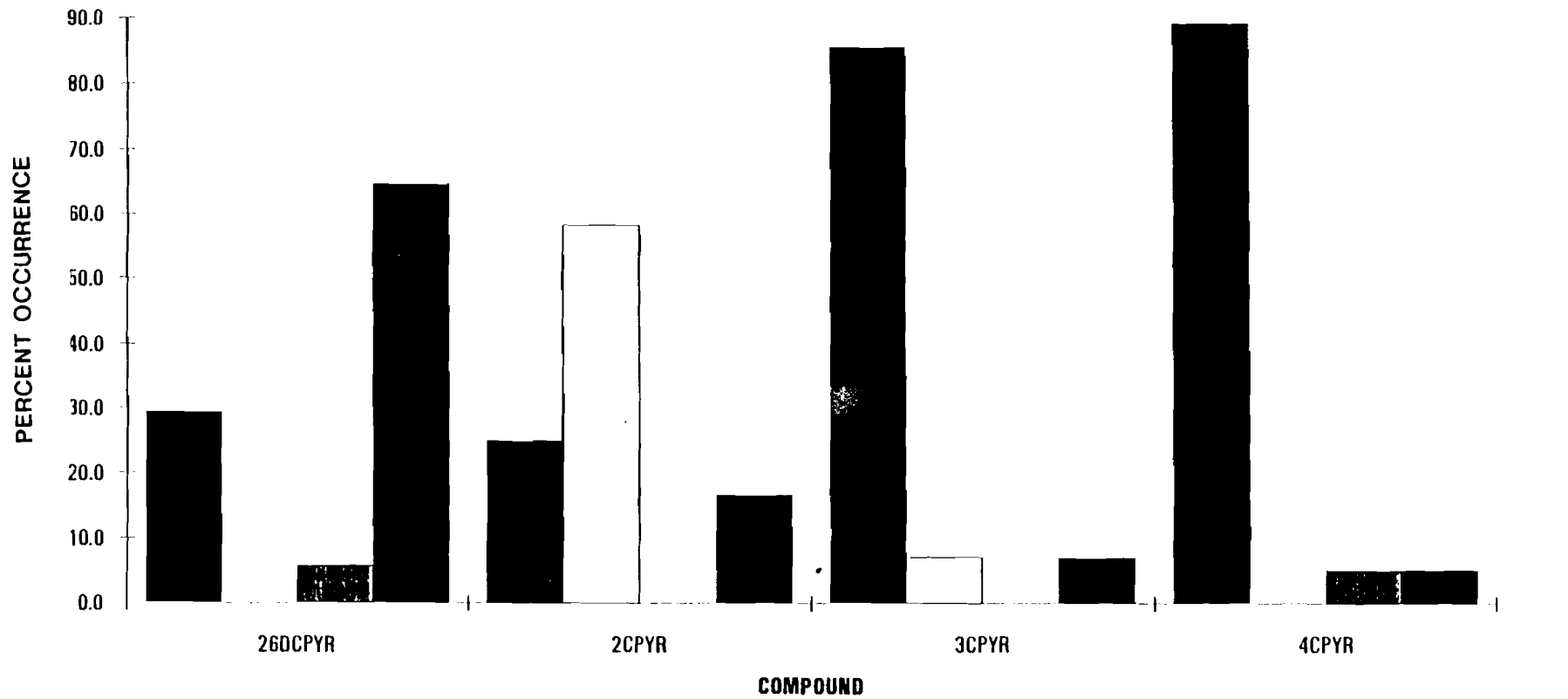


NOTE: INSTANCES WHERE DETECTIONS IN THE ONSITE OR OFFSITE LABS WERE NOT COMPARABLE IN REGARDS TO DETECTION LIMIT ARE EXCLUDED FROM CONSIDERATION

ND ON ND OFF
 ND ON HIT OFF
 HIT ON ND OFF
 HIT ON HIT OFF

AQUEOUS CHLOROPYRIDINE RESULTS

OLIN ONSITE vs OFFSITE DATA COMPARISON

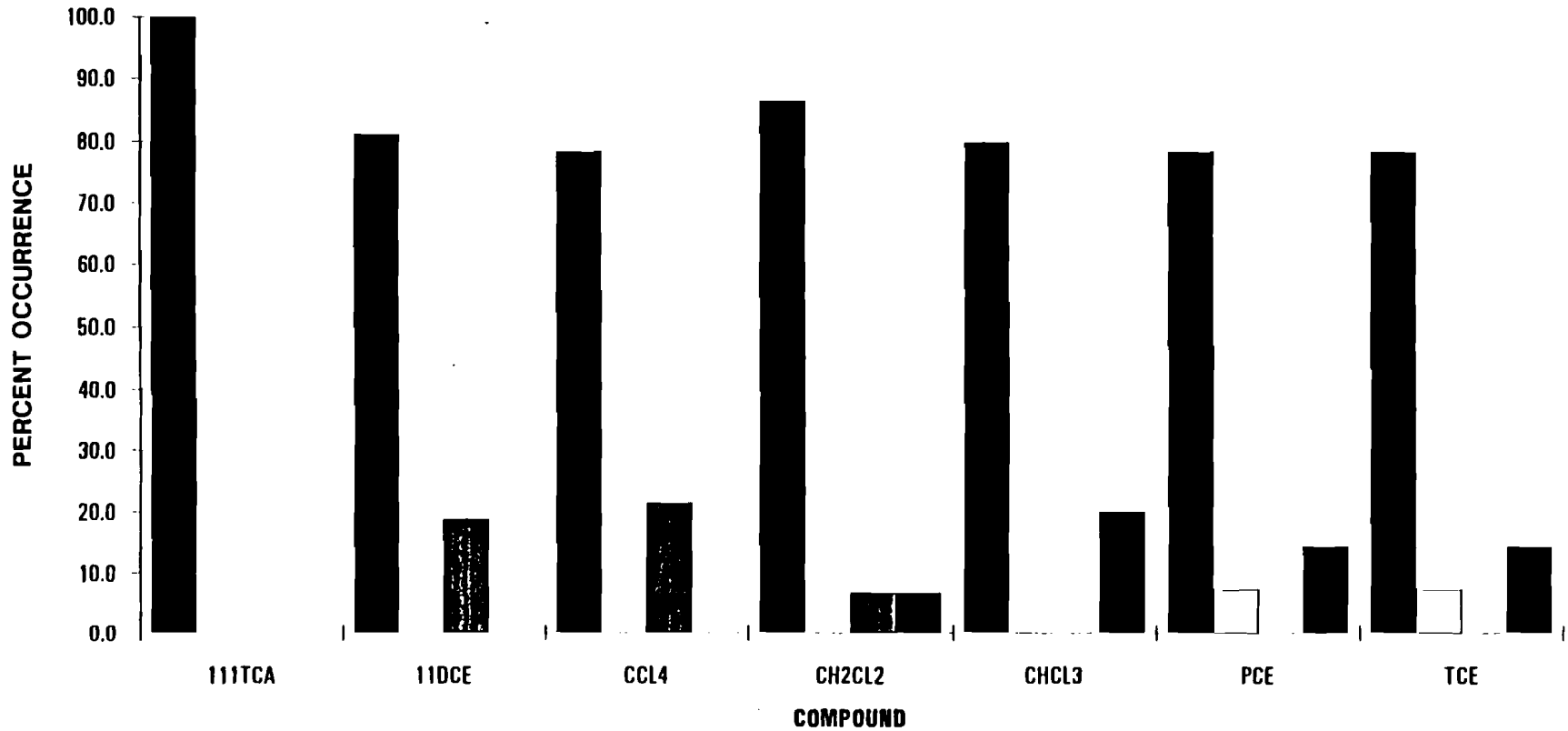


NOTE: INSTANCES WHERE DETECTIONS IN THE ONSITE OR OFFSITE LAB
WERE NOT COMPARABLE IN REGARDS TO DETECTION LIMIT
ARE EXCLUDED FROM CONSIDERATION

■ ND ON ND OFF □ ND ON HIT OFF ■ HIT ON ND OFF ■ HIT ON HIT OFF

SOIL VOLATILE RESULTS

OLIN ONSITE vs OFFSITE DATA COMPARISON

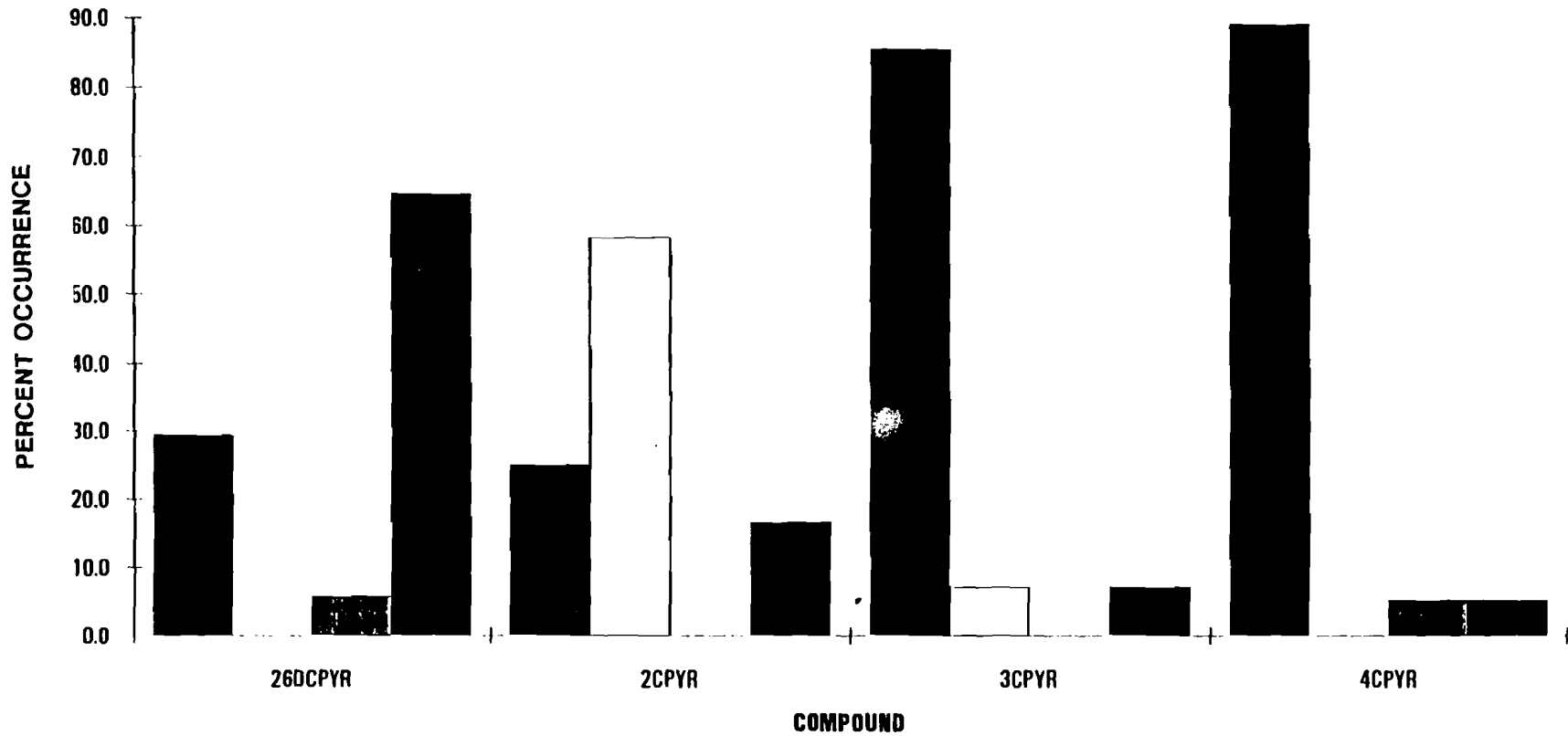


NOTE: INSTANCES WHERE DETECTIONS IN THE ONSITE OR OFFSITE LABS WERE NOT COMPARABLE IN REGARDS TO DETECTION LIMIT ARE EXCLUDED FROM CONSIDERATION

ND ON ND OFF
 ND ON HIT OFF
 HIT ON ND OFF
 HIT ON HIT OFF

AQUEOUS CHL PYRIDINE RESULTS

OLIN ONSITE vs OFFSITE DATA COMPARISON

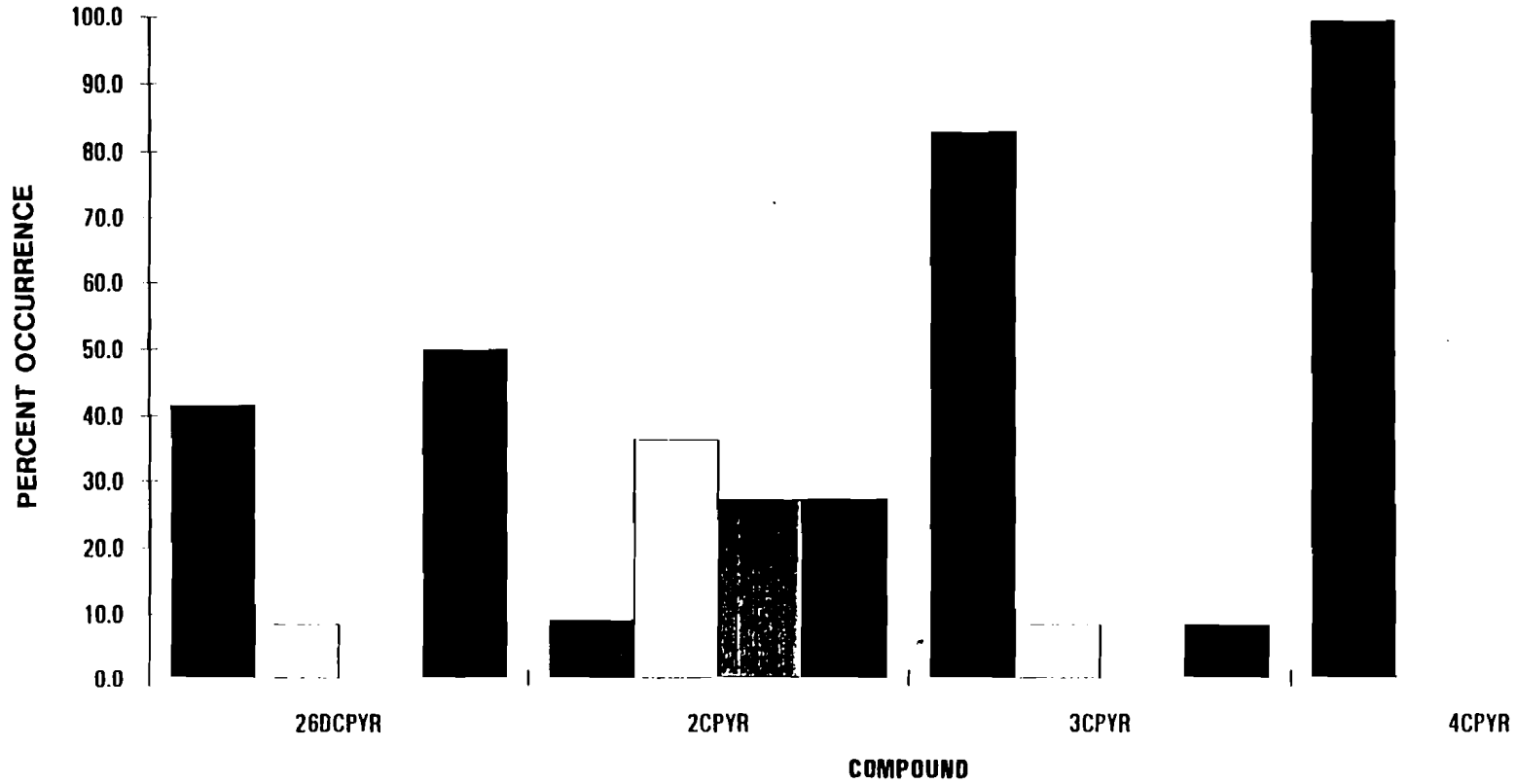


NOTE: INSTANCES WHERE DETECTIONS IN THE ONSITE OR OFFSITE LAB
WERE NOT COMPARABLE IN REGARDS TO DETECTION LIMIT
ARE EXCLUDED FROM CONSIDERATION

■ ND ON ND OFF □ ND ON HIT OFF ■ HIT ON ND OFF ■ HIT ON HIT OFF

SOIL CHLOROPYRIDINE RESULTS

OLIN ONSITE vs OFFSITE DATA COMPARISON



NOTE: INSTANCES WHERE DETECTIONS IN THE ONSITE OR OFFSITE LABS
WERE NOT COMPARABLE IN REGARDS TO DETECTION LIMIT
ARE EXCLUDED FROM CONSIDERATION

ND ON ND OFF
 ND ON HIT OFF
 HIT ON ND OFF
 HIT ON HIT OFF

B-3 GROUNDWATER FIELD PARAMETERS

AIXB
SUMMARY OF FIELD SAMPLING PARAMETERS

OLIN CHEMICALS PHASE I RI REPORT
ROCHESTER, N.Y.

WELL ID	DATE	TIME	PH	CONDUCTIVITY μmhos/cm	TEMP (C)	TURBIDITY (NTUs)	DEPTH (FT)	COMMENTS
BR-1	20-Jan-94	0945	7.18	285	6.6	3	NA	
BR-101	01-Feb-94	1100	7.95	685	10.6	20	9.83	
BR-102	27-Jan-94	1035	7.15	741	10.8	7.5	24.25	Possible product seen at start of purging. Whale pump used for purging.
BR-103	20-Jan-94	1330	7.18	1890	6.8	30	5.50	
BR-104	26-Jan-94	1230	7.25	461	8.4	6.5	17.10	Purged with Whale pump
BR-105	27-Jan-94	1200	6.75	729	13.2	NA	26.00	Turbidity not measured.
BR-105D	04-Feb-94	0845	9.61	3337	13.2	NA	33.20	Purged dry after one casing volume. Turbidity not measured.
BR-106	02-Feb-94	1630	7.22	414	10	NA	25.00	Turbidity meter not working.
BR-107	21-Jan-94	0900	7.12	247	NA	2	22.40	Temperature probe malfunctioning
BR-108	01-Feb-94	1245	7.38	218	10.8	2	29.95	
BR-2	19-Jan-94	1615	7.02	2470	10.8	3	NA	
BR-2D	26-Jan-94	1045	12.2	2530	10.7	NA	80.20	Well purged dry after 1 casing volume. Turbidity meter malfunctioning.
BR-3	27-Jan-94	1045	8.94	2520	10.1	100	15.90	Well purged dry after 1 casing volume.
BR-3D	26-Jan-94	1415	7.6	2680	10.9	> 100	72.50	Well purged dry after 1 casing volume.
BR-4	01-Feb-94	1430	7.95	296	10.1	12	5.82	
BR-5A	19-Jan-94	0930	4.8	2120	5.2	100	NA	
BR-7A	19-Jan-94	1545	7.87	3900	7.6	100	NA	Pumping well; purging not necessary.
BR-8	24-Jan-94	1115	7.3	1826	12.7	5.1	12.10	
B-1	21-Jan-94	1300	7.23	685	9.7	> 100	NA	Well purged dry after 1 casing volume.
B-2	24-Jan-94	0920	7.03	1113	9.6	> 100	NA	
B-3	26-Jan-94	1130	7.7	576	10.7	> 100	17.00	Well purged dry after 1 casing volume.
B-4	24-Jan-94	0950	6.88	1952	9.5	> 100	NA	Well purged dry after 2 casing volumes.
B-5	24-Jan-94	1020	7.34	1209	10.7	> 100	NA	Sheen seen in purge water.
B-6	26-Jan-94	1210	7.36	546	10.1	> 100	NA	Well purged dry after 1 casing volume.
B-7	26-Jan-94	1350	8.85	NA	8.4	> 100	13.20	Well purged dry after 1 casing volume. Conductivity meter malfunctioning.
B-8	26-Jan-94	1320	9.5	NA	5.1	> 100	8.20	Well purged dry after 1 casing volume. Conductivity meter malfunctioning.
B-9	26-Jan-94	1430	7.65	NA	3.7	> 100	6.30	Conductivity meter malfunctioning. Well purged dry after 1 casing volume.
B-10	26-Jan-94	1505	7.5	NA	4.5	> 100	6.50	
B-11	26-Jan-94	1500	7.72	NA	5.2	> 100	3.82	Well purged dry after 1 casing volume. Conductivity meter not working.
B-14	26-Jan-94	0900	8.23	NA	9.7	> 100	9.20	Well purged dry after 2 casing volumes. Conductivity meter malfunctioning.
B-15	26-Jan-94	1555	9.14	NA	9.2	> 100	5.40	Well purged dry after 2 casing volumes. Conductivity meter malfunctioning.
B-16	26-Jan-94	0840	9.99	NA	8.8	> 100	5.00	Well purged dry after 3 casing volumes. Conductivity meter malfunctioning.
B-17	26-Jan-94	1350	9.6	2480	8.9	6.3	7.70	Well not locked. Cap covering well is cracked. Well cover scheduled for repair - spring 1994
C-1	25-Jan-94	0810	7.34	596	5.9	> 200	7.00	Well purged dry after 0.88 gallons. Sample collected after 1 volume was purged.
C-2A	25-Jan-94	1245	9.38	760	8.3	NA	NA	Turbidity meter inoperable. Purging criteria based on stabilization of other parameters
C-3	25-Jan-94	1526	9.38	760	8.3	NA	6.80	Turbidity meter inoperable. Purging criteria based on stabilization of other parameters.
C-4	25-Jan-94	1140	7.52	289	8.3	NA	NA	Turbidity meter inoperable. Purging criteria based on stabilization of other parameters.

APPENDIX B
SUMMARY OF FIELD SAMPLING PARAMETERS

OLIN CHEMICALS PHASE I RI REPORT
ROCHESTER, N.Y.

WELL ID	DATE	TIME	PH	CONDUCTIVITY $\mu\text{mhos/cm}$	TEMP (C)	TURBIDITY (NTUs)	DEPTH (FT)	COMMENTS
C-5	25-Jan-94	1130	9.48	NA	6.9	3	NA	Well purged dry after 2 casing volumes. Conductivity meter malfunctioning.
EC-1	24-Jan-94	1120	6.96	402	8.4	5	NA	
E-1	27-Jan-94	0800	9.2	556	6	NA	NA	Pumping well; purging not necessary.
E-2	24-Jan-94	1300	7.39	508	7.2	> 200	6.60	Well purged dry after 2 casing volumes.
E-3	25-Jan-94	0920	7.02	450	3.1	NA	5.00	Pump used for all parameters except VOCs as 1" bailer could not fit into well. Turbidity meter inoperable.
E-4	24-Jan-94	1020	7.65	196	6.6	> 200	NA	Well purged dry after 1.5 gallons (approx. 1.5 casing volumes).
MW-103	20-Jan-94	1430	7.64	2700	6.1	> 100	NA	Well purged dry after 1 casing volume.
MW-104	26-Jan-94	0845	7.05	345	6.3	55	13.00	Sounding from top of protective casing.
MW-106	02-Feb-94	1700	8.4	817	8.6	NA	12.25	Turbidity meter not working.
MW-107	21-Jan-94	1030	6.9	254	NA	> 100	11.80	Well purged dry after 1 casing volume. Temperature probe malfunctioning.
MW-108	01-Feb-94	1345	NA	NA	NA	NA	NA	Well purged dry after 1 casing volume. Not enough sample for field parameters.
MW-2	19-Jan-94	1345	7.18	460	7.9	> 200	6.71	Well purged dry after 1 casing volume.
MW-3	19-Jan-94	1430	6.75	330	7.9	> 200	7.35	Turbidity stayed above 200 NTUs. Purging criteria based on stabilization of other field parameters.
MW-G6	18-Jan-94	0950	7.43	NA	2.2	> 200	6.50	Conductivity probe not working due to extreme cold. Well purged dry after 3 casing volumes.
MW-G8	19-Jan-94	1045	7.21	NA	1.7	> 200	NA	Conductivity probe malfunctioning. Well purged dry after 1 casing volume.
MW-G9	18-Jan-94	1510	6.9	623	7.6	> 200	10.40	Well purged dry after 2 casing volumes.
N-1	24-Jan-94	0836	6.92	387	6.3	> 200	NA	5 casing volumes purged. Turbidity stayed above 200 NTUs.
N-2	21-Jan-94	1410	7.32	407	3.3	> 200	NA	5 casing volumes purged. Turbidity stayed above 200 NTUs.
N-3	25-Jan-94	1040	7.14	311	6.9	NA	NA	1" bailer couldn't fit into well. Sampled using peristaltic pump. Turbidity meter inoperable.
PZ-101	24-Jan-94	1431	7.24	1326	9.1	> 200	NA	Well purged dry after 3 casing volumes. Sample after well water level recovered.
PZ-102	03-Feb-94	0830	7.9	1445	10.4	NA	23.93	Purging done with bailer only. Turbidity not measured.
PZ-103	01-Feb-94	1430	9.1	1148	8.86	15	13.70	
PZ-104	01-Feb-94	1530	7.65	380	11.9	17	15.62	
PZ-105	24-Jan-94	1440	9.5	2600	9.6	> 100	NA	+100 = Greater than 100 NTUs.
PZ-106	24-Jan-94	1540	8.6	2430	11.2	> 100	NA	Purge one extra well vol. due to PH not stabilizing. Sounding from top of protective casing.
PZ-107	27-Jan-94	0915	10.36	1136	6.9	21	NA	
PZ-108	24-Jan-94	1540	6.83	310	7.6	7	NA	
S-1	20-Jan-94	1430	7.27	580	9.2	> 200	NA	Well purged dry after 1 casing volume.
S-2	20-Jan-94	1310	8.76	292	6.6	10.5	NA	Pumping well; purging not necessary.
S-3	19-Jan-94	1400	5.27	2160	0.3	> 100	11.37	Pumping well; purging not necessary.
S-4	21-Jan-94	0920	9.25	1410	NA	> 200	5.50	Temperature probe malfunctioning. Well purged after 1 casing volume.
W-1	18-Jan-94	1230	7.27	1850	6.2	NA	NA	Could not get depth probe past standpipe in pumping well.
W-2	20-Jan-94	0915	8.06	700	8.2	2.5	NA	Pumping well; purging not necessary.
W-3	18-Jan-94	1115	7.46	435	3.7	> 200	NA	Pumping well; purging not necessary.
W-4	20-Jan-94	1010	7.42	1800	9.4	103	18.00	Pumping well; purging not necessary.
W-5	20-Jan-94	1200	6.85	2160	7	> 200	10.90	Well purged dry after 1 casing volume.

NOTES:

NTUs - Nephelometric turbidity units
NA - not available

B-4 GROUNDWATER SAMPLING DATA SHEETS

B-1

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
Project Number: 7311-03
Sample Location ID: OIP2XB1XXXX1XX
Time: Start: 12:00 End: 13:00

Site: OLIN
Date: 1-21-93

Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth 16.65 Ft
Measured
Top of Well
Well Riser Stick-up
Protective Casing/Well Difference
Depth to Water 11.21 Ft
Well Material: PVC
Well Locked?: Yes
Well Dia. 2 inch
Water Level Equip. Used: Elect. Cond. Probe
Height of Water Column 5.44 Ft
Gal/Vol
Well Integrity: Prot. Casing Secure

Equipment Documentation

Purging/Sampling Equipment Used:
Decontamination Fluids Used:
(If Used For) Purging Sampling
Peristaltic Pump
Submersible Pump
Bailer
PVC/Silicon Tubing
Teflon/Silicon Tubing
Airlift
Hand Pump
In-line Filter
Press/Vac Filter
Equipment ID
(All That Apply at Location)
Methanol (100%)
25% Methanol/75% ASTM Type II water
Deionized Water
Liquinox Solution
Hexane
HNO3/D.I. Water Solution
Potable Water
None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 10.2 ppm
Field Data Collected In-line In Container
Sample Observations: Turbid Clear Cloudy Colored Odor
Purge Data 0.87 Gal
Temperature, Deg. C 9.7
pH, units 7.23
Specific Conductivity (umhos/cm. @ 25 Deg. C.) 6.85
Oxidation - Reduction, +/- mv
Dissolved Oxygen, ppm
TURBIDITY > 100

Sample Collection Requirements
(If Required at this Location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs. Rows include VOA, SVOA, NH4, ORPHIDE.

Notes: PURGED WELL DRY AFTER ~ 1.0 GALLONS. TAKE DUPLICATE, MS/MSD

B-2

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN
 Project Number: 7311-03 Date: 1.24.94
 Sample Location ID: 01P2XB2XYXIXX
 Time: Start: 045 End: 920 Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth 16 Ft. Measured Top of Well Well Riser Stick-up _____ Ft. Protective _____ Ft.
 Historical Top of Protective Casing (from ground) Casing/Well Difference
 Depth to Water 8.25 Ft. Well Material: _____ Well Locked?: Yes Well Dia. _____ 2 inch Water Level Equip. Used:
 PVC No _____ 4 inch Elect. Cond. Probe
 SS _____ 6 inch Float Activated
 Height of Water Column _____ Ft. X _____ Gal/Ft (2 in.) = [0.7 Gal/Vol Well Integrity: _____ Yes No
 _____ Gal/Ft (4 in.) = _____ Total Gal Purged Prot. Casing Secure
 _____ Gal/Ft (6 in.) = _____ Concrete Collar Intact _____
 _____ Gal/Ft (_____ in.) = _____ Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)
 Purging Sampling
 Peristaltic Pump _____ Equipment ID _____
 Submersible Pump _____
 Bailor _____
 PVC/Silicon Tubing _____
 Teflon/Silicon Tubing _____
 Airlift _____
 Hand Pump _____
 In-line Filter _____
 Press/Vac Filter _____

Decontamination Fluids Used: (✓ All That Apply at Location)
 _____ Methanol (100%)
 _____ 25% Methanol/75% ASTM Type II water
 Deionized Water
 Liquinox Solution
 _____ Hexane
 _____ HNO₃/D.I. Water Solution
 _____ Potable Water
 _____ None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected _____ In-line _____ Sample Observations:
 _____ In Container _____ Turbid _____ Clear _____ Cloudy
 _____ Colored _____ Odor

Purge Data	① <u>0.7</u> Gal.	② <u>1.4</u> Gal.	③ <u>2.1</u> Gal.	④ _____ Gal.	⑤ _____ Gal.
Temperature, Deg. C	<u>10.8</u>	<u>10.5</u>	<u>9.6</u>		
pH, units	<u>7.01</u>	<u>7.16</u>	<u>7.03</u>		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>1520</u>	<u>1269</u>	<u>1113</u>		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
<u>TURBIDITY</u>	<u>>100</u>	<u>>100</u>	<u>>100</u>		

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOA</u>		<u>4 DEG C</u>	<u>2 x 40ml</u>	<input checked="" type="checkbox"/>	/ / / /
<u>SUA</u>		<u>4 DEG C</u>	<u>2 x 125ml</u>	<input checked="" type="checkbox"/>	/ / / /
<u>CHLORIDE</u>		<u>N/A</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	/ / / /
<u>UVRG</u>		<u>N/A</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	/ / / /
					/ / / /
					/ / / /
					/ / / /
					/ / / /

Notes: _____

B-3

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN
 Project Number: 7311-03 Date: 1.26.94
 Sample Location ID: QIP2XB3XXXXIXX
 Time: Start: 1115 End: 1130 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 14.83 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference

Protective _____ Ft. Casing

Depth to Water 17.0 Ft. Well Material: _____ PVC _____ SS Well Locked?: Yes _____ No Well Dia. _____ 2 inch _____ 4 inch _____ 6 inch 1.5 Water Level Equip. Used: Elect. Cond. Probe _____ Float Activated _____ Press. Transducer

Height of Water Column X _____ .16 Gal/Ft (2 in.) _____ .65 Gal/Ft (4 in.) _____ 1.5 Gal/Ft (6 in.) _____ Gal/Ft (in.) = 0.2 Gal/Vol Yes _____ No

217 Ft. 0.2 Total Gal Purged Well Integrity: Prot. Casing Secure _____ Concrete Collar Intact _____ Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment ID
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Peristaltic Pump
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump
<input type="checkbox"/>	<input type="checkbox"/>	Bailer
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC ppm Well Mouth ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	Gal.	Gal.	Gal.	Gal.	Gal.
Temperature, Deg. C	<u>7.5</u>	_____	_____	_____	_____
pH, units	<u>7.7</u>	_____	_____	_____	_____
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>576</u>	_____	_____	_____	_____
Oxidation - Reduction, +/- mv	<u>_____</u>	_____	_____	_____	_____
Dissolved Oxygen, ppm	<u>_____</u>	_____	_____	_____	_____
<u>TRV/Dry</u>	<u>_____</u>	_____	_____	_____	_____

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOC</u>	<input type="checkbox"/>	<u>4 DEG C</u>	<u>40ml VOA YZ</u>	<input checked="" type="checkbox"/>	____/____/____/____/____/____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	____/____/____/____/____/____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	____/____/____/____/____/____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	____/____/____/____/____/____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	____/____/____/____/____/____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	____/____/____/____/____/____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	____/____/____/____/____/____

Notes: PURGED WELL DRY AFTER 1 WELL VOLUME

B-4

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OC10
Project Number: 7311-03 Date: 1-24-94
Sample Location ID: 01PTXB4XXXXLXX
Time: Start: 9:00 End: 9:50 Signature of Sampler: Douglas B. Stewart

Water Level/Well Data

Well Depth 23.3 Ft. Measured Historical
Depth to Water 13.36 Ft. Well Material: PVC SS
Height of Water Column 9.94 Ft. Total Gal Purged 2.7

Equipment Documentation

Purging/Sampling Equipment Used: Peristaltic Pump, Submersible Pump, Bailer
Decontamination Fluids Used: Methanol (100%), 25% Methanol/75% ASTM Type II water

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm
Purge Data 0.9 Gal, 1.8 Gal
Temperature, Deg. C 10.4, 9.90
pH, units 6.88, 6.88
Specific Conductivity 0.19.13, 0.19.52

Sample Collection Requirements (if Required at this Location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs

Notes: PURGED DRY AFTER 2.0 GALLONS

B-5

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OL10
Project Number: 7311-03 Date: 1-24-94
Sample Location ID: 01P2YB5X100X1XX
Time: Start: 1000 End: 1020 Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth 18.35 Ft Measured Top of Well Well Riser Stick-up Ft Protective Ft
Depth to Water 10.79 Ft Well Material: PVC Well Locked?: Yes Well Dia. 2 inch Water Level Equip. Used:
Height of Water Column X .16 Gal/Ft (2 in.) = 0.68 GalVol Well Integrity: Yes No
.65 Gal/Ft (4 in.) = 2.04 Total Gal Purged Prot. Casing Secure
7.56 Ft 1.5 Gal/Ft (6 in.) Concrete Collar Intact
0.9 1.5 Gal/Ft (. in.) Other

Equipment Documentation

Purging/Sampling Equipment Used: Decontamination Fluids Used:
(If Used For) Purging Sampling Equipment ID (All That Apply at Location)
Peristaltic Pump
Submersible Pump
Bailer
PVC/Silicon Tubing
Teflon/Silicon Tubing
Airlift
Hand Pump
In-line Filter
Press/Vac Filter
Methanol (100%)
25% Methanol/75% ASTM Type II water
Deionized Water
Liquinox Solution
Hexane
HNO3/D.I. Water Solution
Potable Water
None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 15 ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor
Purge Data 0.68 Gal. 1.36 Gal. 2.0 Gal.
Temperature, Deg. C 8.4 10.7 10.7
pH, units 7.23 7.31 7.34
Specific Conductivity 1105 1102 1209
Oxidation - Reduction, +/- mv NB NB NB
Dissolved Oxygen, ppm >100 >100 >100

Sample Collection Requirements (If Required at this Location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs. Rows include VOA, SIA, CYANIDE, INORGANIC.

Notes: Sheen seen in purge water NB 3/1/94 from field log water 1-24-94

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: Olin
 Project Number: 7311-03 Date: 1-26-94
 Sample Location ID: C1P2 B6 XXXX IXV
 Time: Start: 1145 End: 1210 Signature of Sampler: Dorinda B. Stewart

Water Level/Well Data

Well Depth 16.13 Ft. Measured Top of Well Well Riser Stick-up _____ Ft. Protective _____ Ft.
 Historical Top of Protective Casing (from ground) Casing/Well Difference
 Depth to Water 14.10 Ft. Well Material: PVC Yes Well Dia. 2 inch Water Level Equip. Used:
 SS No 4 inch 6 inch Elect. Cond. Probe
 1.5
 _____ _____ Float Activated
 _____ _____ Press. Transducer

Height of Water Column X 2.03 Ft. .16 Gal/Ft (2 in.) = 0.18 Gal/Vol Well Integrity: Yes No
 .65 Gal/Ft (4 in.) = 0.18 Total Gal Purged Prot. Casing Secure
 1.5 Gal/Ft (6 in.) Concrete Collar Intact
 .09 Gal/Ft (in.) Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

<input checked="" type="checkbox"/>	Purging	<input type="checkbox"/>	Sampling	Peristaltic Pump	Equipment ID
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Submersible Pump	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bailer	_____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Airlift	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	_____

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC ✓ ppm Well Mouth ✓ ppm Field Data Collected In-line Turbid Clear Cloudy
 In Container Colored Odor

Purge Data	<u>0.18</u> Gal.	<u>✓</u> Gal.	<u>✓</u> Gal.	<u>✓</u> Gal.	<u>✓</u> Gal.
Temperature, Deg. C	<u>7.36</u>	<u>NB</u>	<u>31.194</u>	<u>✓</u>	<u>✓</u>
pH, units	<u>10.1</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>546</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
Oxidation - Reduction, +/- mv	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
Dissolved Oxygen, ppm	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
<u>TURBIDITY</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>

Sample Collection Requirements
(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>UOA</u>	<input type="checkbox"/>	<u>4 DEG C</u>	<u>40 ml x 2</u>	<input checked="" type="checkbox"/>	<u>✓</u>
<u>SUP</u>	<input type="checkbox"/>	<u>4 DEG C</u>	<u>LAB</u>	<input checked="" type="checkbox"/>	<u>✓</u>
<u>CYANIDE</u>	<input type="checkbox"/>	<u>10.0% 250 ml</u>		<input checked="" type="checkbox"/>	<u>✓</u>
<u>WDRS</u>	<input type="checkbox"/>	<u>HNO₃ 250 ml</u>		<input checked="" type="checkbox"/>	<u>✓</u>
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	

Notes: PURGED WELL DRY AFTER 1 WELL VOL.
* PID + FID NOT FUNCTIONING

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN
 Project Number: 7311-03 Date: 1.26.94
 Sample Location ID: 01PXXB3XXXXXX
 Time: Start: 1300 End: 1350 Signature of Sampler: Douglas Stewart

Water Level/Well Data

Well Depth 17.8 Ft. Measured Historical Top of Well Top of Protective Casing
 Well Riser Stick-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference
 Protective _____ Ft. Casing
 Depth to Water 13.2 Ft. Well Material: PVC Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch
 Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer
 Height of Water Column _____ Ft. X _____ Gal/Ft. (2 in.) = 0.3 Gal/Vol Well Integrity: Yes No
 _____ Gal/Ft. (4 in.) = _____ Total Gal Purged Prot. Casing Secure
 _____ Gal/Ft. (6 in.) = _____ Concrete Collar Intact
 _____ Gal/Ft. (in.) = _____ Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

<input checked="" type="checkbox"/>	<input type="checkbox"/>	Penstatic Pump	Equipment ID _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Submersible Pump	_____
<input type="checkbox"/>	<input type="checkbox"/>	Bailer	_____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	_____
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	_____
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	_____
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	_____
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	_____
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	_____

Decontamination Fluids Used: (✓ All That Apply at Location)
 Methanol (100%)
 25% Methanol/75% ASTM Type II water
 Deionized Water
 Liquinox Solution
 Hexane
 HNO₃/D.I. Water Solution
 Potable Water
 None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line Turbid Clear Cloudy
 In Container Colored Odor

Purge Data	<u>0.3</u> Gal.	_____ Gal.	_____ Gal.	_____ Gal.	_____ Gal.
Temperature, Deg. C	<u>8.4</u>	/	/	/	/
pH, units	<u>8.85</u>	/	/	/	/
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	/	/	/	/	/
Oxidation - Reduction, +/- mv	/	/	/	/	/
Dissolved Oxygen, ppm	/	/	/	/	/
<u>TURBIDITY</u>	<u>5100</u>	/	/	/	/

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOL</u>	<input type="checkbox"/>	<u>4 DEG C</u>	<u>4ml x 2</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>SVDA</u>	<input type="checkbox"/>	<u>4 DEG C</u>	<u>4ml x 2</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>NH4</u>	<input type="checkbox"/>	<u>HNO3</u>	<u>50ml</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>CYANIDE</u>	<input type="checkbox"/>	<u>NH4H</u>	<u>500ml</u>	<input checked="" type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /

Notes: PURGED DRY AFTER 1 WELL VOLUME
* PID NOT WORKING
* COND. METER NOT WORKING

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN
 Project Number: 7311-03 Date: 1.26.94
 Sample Location ID: 01 PZX B3XXXX1XX
 Time: Start: 1300 End: 1330 Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth 16.8 Ft. Measured Historical
 Top of Well Top of Protective Casing
 Well Riser Stick-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference
 Protective _____ Ft. Casing
 Depth to Water 8.2 Ft. Well Material: PVC Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch 1.5 Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer
 Height of Water Column X _____ .16 Gal/Ft. (2 in.) = 0.77 Gal/Vol Well Integrity: Yes No
 _____ .65 Gal/Ft. (4 in.) _____
8.6 Ft. _____ 1.5 Gal/Ft. (6 in.) _____
 _____ Gal/Ft. (____ in.) _____
0.09 _____ Total Gal Purged _____
 Prot. Casing Secure _____
 Concrete Collar Intact _____
 Other _____

Equipment Documentation

Purging/Sampling Equipment Used: **Decontamination Fluids Used:**

(If Used For) Purging Sampling Equipment ID (All That Apply at Location)

<input checked="" type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump	_____	<input type="checkbox"/>	Methanol (100%)
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump	_____	<input checked="" type="checkbox"/>	25% Methanol/75% ASTM Type II water
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer	_____	<input checked="" type="checkbox"/>	Deionized Water
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	_____	<input checked="" type="checkbox"/>	Liquinox Solution
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	_____	<input type="checkbox"/>	Hexane
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	_____	<input type="checkbox"/>	HNO ₃ /D.I. Water Solution
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	_____	<input type="checkbox"/>	Potable Water
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	_____	<input type="checkbox"/>	None
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	_____	<input type="checkbox"/>	_____

Field Analysis Data

Ambient Air VOC _____ ppm Well Mouth _____ ppm Field Data Collected In-line Turbid Clear Cloudy
 In Container Colored Odor

Purge Data	@ <u>0.77</u> Gal.	_____ Gal.	_____ Gal.	_____ Gal.	_____ Gal.
Temperature, Deg. C	<u>5.1</u>				
pH, units	<u>9.5</u>				
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>5100</u>				
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
<u>TURBIDITY</u>	<u>5100</u>				

Sample Collection Requirements
 If Required at this Location

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
<u>VDA</u>	<input type="checkbox"/>	<u>4DBK 40ml x 2</u>		<input checked="" type="checkbox"/>	/ / / / /
<u>SYDA</u>	<input type="checkbox"/>	<u>4DBK 40ml x 2</u>		<input checked="" type="checkbox"/>	/ / / / /
<u>10000</u>	<input type="checkbox"/>	<u>WNO 500ml</u>		<input checked="" type="checkbox"/>	/ / / / /
<u>CYANIDE</u>	<input type="checkbox"/>	<u>WNO 500ml</u>		<input checked="" type="checkbox"/>	/ / / / /
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	/ / / / /
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	/ / / / /
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	/ / / / /
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	/ / / / /

Notes: PURGED WELL DRY AFTER 1 VOLUME
* PID + FID NOT FUNCTIONING
* COND. METER NOT FUNCTIONING

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN
 Project Number: 7311-03 Date: 1/26/94
 Sample Location ID: 01PZXBA9XXXX1XX
 Time: Start: 1400 End: 1430 Signature of Sampler: Doreen B. Howard

Water Level/Well Data

Well Depth 14.2 Ft. Measured Top of Well Well Riser Stick-up _____ Ft. Protective _____ Ft. Casing/Well Difference
 Historical Top of Protective Casing (from ground) Protective _____ Ft. Casing

Depth to Water 6.3 Ft. Well Material: PVC Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch 1.5 Water Level Equip. Used:
 SS Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X _____ .16 Gal/Ft (2 in.) = 0.71 Gal/Vol Well Integrity: Yes No
3.9 Ft. X _____ .65 Gal/Ft (4 in.) = _____ Total Gal Purged Prot. Casing Secure _____
 _____ Ft. X _____ 1.5 Gal/Ft (6 in.) = _____ Concrete Collar Intact _____
 _____ Gal/Ft (____ in.) = _____ Other _____ _____
0.09

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment ID
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer
<input checked="" type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC ppm Well Mouth ppm Field Data Collected In-line Turbid Clear Cloudy
 In Container Colored Odor

Purge Data	Gal.	Gal.	Gal.	Gal.	Gal.
Temperature, Deg. C	<u>3.7</u>	_____	_____	_____	_____
pH, units	<u>7.65</u>	_____	_____	_____	_____
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>✓</u>	_____	_____	_____	_____
Oxidation - Reduction, +/- mv	<u>✓</u>	_____	_____	_____	_____
Dissolved Oxygen, ppm	<u>✓</u>	_____	_____	_____	_____
<u>TURBIDITY</u>	<u>2100</u>	_____	_____	_____	_____

Sample Collection Requirements
(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
VCA	<input type="checkbox"/>	<u>4 DELC</u>	<u>40 ml v2</u>	<input checked="" type="checkbox"/>	_____
SIOA	<input type="checkbox"/>	<u>4 DELC</u>	<u>LAG v7</u>	<input checked="" type="checkbox"/>	_____
INORG	<input type="checkbox"/>	<u>HNO₃</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	_____
CYANIDE	<input type="checkbox"/>	<u>NaOH</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	_____
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	

Notes: PURGED DRY AFTER 1 WELL VOLUME
* FID + PID NOT FUNCTIONING
* COND. METER NOT FUNCTIONING

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester R/FS Site: OLN
 Project Number: 7311-03 Date: 1.30.94
 Sample Location ID: 01 PZ B10XXXX1XX
 Time: Start: 1:50 End: 1:55 Signature of Sampler: Douglas B. [Signature]

Water Level/Well Data

Well Depth 14.4 Ft. Measured Historical Top of Well Top of Protective Casing Well Riser Stick-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference

Depth to Water 6.5 Ft. Well Material: PVC SS Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X _____ .16 Gal/Ft. (2 in.) = 0.71 Gal/Vol Well Integrity: Yes No
 _____ X _____ .65 Gal/Ft. (4 in.) = _____ Total Gal Purged Prot. Casing Secure
7.9 Ft. _____ X _____ 1.5 Gal/Ft. (6 in.) = _____ Concrete Collar Intact
 0.09 Gal/Ft. (____ in.) _____ Other _____

Equipment Documentation

Purgine/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment ID
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC ppm Well Mouth ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	0.71 Gal.	_____ Gal.	_____ Gal.	_____ Gal.	_____ Gal.
Temperature, Deg. C	<u>4.5</u>				
pH, units	<u>7.50</u>				
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>*</u>				
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
<u>TURBIDITY</u>	<u>N/A</u>				

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VIA</u>		<u>4 DEGC</u>	<u>40 ml x 2</u>	<input checked="" type="checkbox"/>	
<u>SVOA</u>		<u>4 DEGC</u>	<u>100 ml x 2</u>	<input checked="" type="checkbox"/>	
<u>CYANIDE</u>		<u>500 ml</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	
<u>INORG</u>		<u>500 ml</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	

Notes: PURGED WELL DRY AFTER 1 VOLUME
FID + PID METER NOT FUNCTIONING
COND. METER NOT FUNCTIONING

B-11

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN
Project Number: 7311-03 Date: 1.26.94
Sample Location ID: 01P2B11 XXXX1XX
Time: Start: 1300 End: 1500 Signature of Sampler: Douglas R. Hester

Water Level/Well Data

Well Depth 10.01 Ft. Measured Top of Well Well Riser Stick-up Ft. Protective Ft.
Historical Top of Protective Casing (from ground) Casing/Well Difference
Depth to Water 3.82 Ft. Well Material: Well Locked?: Well Dia. 2 inch Water Level Equip. Used:
PVC Yes 4 inch Elect. Cond. Probe
SS No 6 inch Float Activated
1.5 Press. Transducer
Height of Water Column X .16 Gal/Ft (2 in.) = 0.55 Gal/Vol Well Integrity: Yes No
6.19 Ft X .65 Gal/Ft (4 in.) = 0.55 Total Gal Purged Prot. Casing Secure
1.5 Gal/Ft (6 in.) Concrete Collar Intact
Gal/Ft (in.) Other

Equipment Documentation

Purging/Sampling Equipment Used: Decontamination Fluids Used:
(If Used For) (All That Apply at Location)
Purging Sampling Equipment ID Methanol (100%)
Submersible Pump 25% Methanol/75% ASTM Type II water
Bailer Deionized Water
PVC/Silicon Tubing Liquinox Solution
Teflon/Silicon Tubing Hexane
Airlift HNO3/D.I. Water Solution
Hand Pump Potable Water
In-line Filter None
Press/Vac Filter

Field Analysis Data

Ambient Air VOC * ppm Well Mouth * ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor
Purge Data 0.55 Gal. Gal. Gal. Gal. Gal.
Temperature, Deg. C 5.7
pH, units 7.32
Specific Conductivity (umhos/cm. @ 25 Deg. C.)
Oxidation - Reduction, +/- mv
Dissolved Oxygen, ppm 7100

Sample Collection Requirements (If Required at this Location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs. Rows include VOA, SVOA, CWANAD, INORG.

Notes: PURGED DRY AFTER 1 WELL VOLUME
* FID + PID NOT FUNCTIONING
* COND METER NOT FUNCTIONING

B-14

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: Olin
Project Number: 7311-03 Date: 1.26.94
Sample Location ID: 01PZB14XXXXIXX
Time: Start: 800 End: 900 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 15.7 Ft Measured Top of Well Well Riser Stick-up 5.0 Ft Protective 5.0 Ft Casing/Well Difference
Depth to Water 9.2 Ft Well Material: Well Locked?: Well Dia. 2 inch Water Level Equip. Used:
Height of Water Column 6.5 Ft X .16 Gal/Ft (2 in.) = 1.04 Gal/Vol Well Integrity: Prot. Casing Secure Yes No
2.08 Total Gal Purged Concrete Collar Intact

Equipment Documentation

Purging/Sampling Equipment Used: Decontamination Fluids Used:
(If Used For) Purging Sampling Equipment ID (All That Apply at Location)
Penstatic Pump
Submersible Pump
Bailer
PVC/Silicon Tubing
Teflon/Silicon Tubing
Airlift
Hand Pump
In-line Filter
Press/Vac Filter
Methanol (100%)
25% Methanol/75% ASTM Type II water
Deionized Water
Liquinox Solution
Hexane
HNO3/D.I. Water Solution
Potable Water
None

Field Analysis Data

Ambient Air VOC * ppm Well Mouth * ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor
Purge Data 1.04 Gal 2.08 Gal Gal Gal Gal
Temperature, Deg. C 8.1 9.7
pH, units 10.10 8.23
Specific Conductivity *
Oxidation - Reduction, +/- mv
Dissolved Oxygen, ppm
TURBIDITY >100 >100

Sample Collection Requirements (If Required at this Location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs. Rows include VOA, SWM, LUGA, CYANIDE.

Notes: PURGED DRY AFTER 2 WELL VOLUMES

PID + FID METERS NOT FUNCTIONING
COND. METER NOT FUNCTIONING

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: 0610
 Project Number: 7311-03 Date: 1.26.94
 Sample Location ID: 01P2B15XXXX1XX
 Time: Start: 1530 End: 1535 Signature of Sampler: Douglas Hurd

Water Level/Well Data

Well Depth 13.1 Ft. Measured Top of Well Well Riser Stick-up _____ Ft. Protective _____ Ft. Casing/Well Difference
 Historical Top of Protective Casing (from ground) Protective _____ Ft. Casing

Depth to Water 5.4 Ft. Well Material: PVC Yes Well Dia. 2 inch Water Level Equip. Used:
 SS No 4 inch Elect. Cond. Probe
 _____ 6 inch Float Activated
 _____ Press. Transducer

Height of Water Column X 1.16 Gal/Ft. (2 in.) = 1.2 Gal/Vol. Well Integrity: Yes No
 X 0.65 Gal/Ft. (4 in.) = 2.4 Total Gal Purged Prot. Casing Secure
 X 1.5 Gal/Ft. (6 in.) = _____ Concrete Collar Intact
 X _____ Gal/Ft. (____ in.) = _____ Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment	Equipment ID
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump	_____
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump	_____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer	_____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	_____
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	_____
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	_____
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	_____
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	_____
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	_____

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC ppm Well Mouth ppm Field Data Collected In-line Turbid Clear Cloudy
 In Container Colored Odor

Purge Data	1.2 Gal.	2.4 Gal.	_____ Gal.	_____ Gal.	_____ Gal.
Temperature, Deg. C	<u>6.8</u>	<u>9.2</u>			
pH, units	<u>8.2</u>	<u>9.4</u>			
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>*</u>	<u>*</u>			
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
Turbidity	<u>>100</u>	<u>>100</u>			

Sample Collection Requirements
(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
VOC		4 DEG C	40ml yz	<input checked="" type="checkbox"/>	/ / / / /
SILICA		4 DEG C	LAB x 2	<input checked="" type="checkbox"/>	/ / / / /
CHLORIDE		NAOH	500ml	<input checked="" type="checkbox"/>	/ / / / /
ISOB		FREEZ	500ml	<input checked="" type="checkbox"/>	/ / / / /
					/ / / / /
					/ / / / /
					/ / / / /
					/ / / / /

Notes: PURGED WELL DRY AFTER 2 WELL VOLUMES
* PID + FID NOT FUNCTIONING,
COND. METER NOT FUNCTIONING,

B-16

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLN
Project Number: 7311-03 Date: 1-26-94
Sample Location ID: OIP2B16XXXV1XX
Time: Start: 800 End: 940 Signature of Sampler: Douglas B. Steen

Water Level/Well Data

Well Depth: 11.6 Ft Measured
Top of Well: Top of Protective Casing
Well Riser Stick-up: 11.6 Ft
Protective Casing/Well Difference: 11.6 Ft
Depth to Water: 5.0 Ft
Well Material: PVC
Well Locked?: No
Well Dia.: 2 inch
Water Level Equip. Used: Press. Transducer
Height of Water Column: 6.6 Ft
Total Gal Purged: 3.0

Equipment Documentation

Purging/Sampling Equipment Used: Penstaltic Pump, Submersible Pump, Bailer, PVC/Silicon Tubing, etc.
Decontamination Fluids Used: Methanol (100%), 25% Methanol/75% ASTM Type II water, etc.

Field Analysis Data

Table with columns for Purge Data (1.0, 2.0, 3.0 Gal) and parameters like Temperature, pH, Specific Conductivity, etc.

Sample Collection Requirements (if required at this location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs.

Notes: PURGED WELL DRY METER 3 WELL VOLUMES
* PID + FID NOT FUNCTIONING
COND. METER NOT FUNCTIONING

B-17

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester R/FS
 Project Number: 7311-03
 Sample Location ID: 01P2B17XXXXXX
 Time: Start: 1328 End: 1350

Site: OLIN MONITORING WELL B17
 Date: 1/26/94
 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 6.00 Ft. Measured Historical Top of Well Top of Protective Casing Well Riser Stick-up Ft. (from ground) Protective Ft. Casing/Well Difference

Depth to Water 7.70 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X 1.16 Gal/Ft (2 in.) = 1.33 Gal/Vol Well Integrity: Yes No
 X 2.3 Ft. 1.65 Gal/Ft (4 in.) = 3.98 Total Gal Purged Prot. Casing Secure
 X Ft. 1.5 Gal/Ft (6 in.) Concrete Collar Intact
 X Ft. Gal/Ft (in.) Other

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)	Equipment ID
Purging <input checked="" type="checkbox"/> Sampling <input checked="" type="checkbox"/>	Penstatic Pump
<input type="checkbox"/> <input type="checkbox"/>	Submersible Pump
<input type="checkbox"/> <input checked="" type="checkbox"/>	Bailer (W.D. ONLY)
<input type="checkbox"/> <input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/> <input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/> <input type="checkbox"/>	Airlift
<input type="checkbox"/> <input type="checkbox"/>	Hand Pump
<input type="checkbox"/> <input type="checkbox"/>	In-line Filter
<input type="checkbox"/> <input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used:

(✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquiflox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 24 ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	Gal.	Gal.	Gal.	Gal.	Gal.
Temperature, Deg. C	<u>5.7</u>	<u>9.4</u>	<u>8.9</u>		
pH, units	<u>8.47</u>	<u>9.43</u>	<u>9.60</u>		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>1.750</u>	<u>248 x 20</u>	<u>203 x 20</u>		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
TURBIDITY	<u>1.5</u>	<u>5.5</u>	<u>6.3</u>		

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>WAS</u>		<u>4°C</u>	<u>(2) 40ml</u>	<input checked="" type="checkbox"/>	/ / / /
<u>SAMPLES</u>		<u>4°C</u>	<u>(2) 2L</u>	<input checked="" type="checkbox"/>	/ / / /
<u>INORGANICS</u>		<u>HNO₃</u>	<u>(1) 1600</u>	<input checked="" type="checkbox"/>	/ / / /
<u>CHLORIDE</u>		<u>NAOH</u>	<u>(1) 1600</u>	<input checked="" type="checkbox"/>	/ / / /
<u>PHOSPHORUS</u>		<u>4°C</u>	<u>(2) 1L</u>	<input checked="" type="checkbox"/>	/ / / /
					/ / / /
					/ / / /
					/ / / /

Notes: WELL NOT LOCKED PLASTIC CAP COVERING WELL IS CRACKED.

BR-1

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OCIA
 Project Number: 7311-03 Date: 1.20.94
 Sample Location ID: 01BRXXIXXXIXX
 Time: Start: 910 End: 945 Signature of Sampler: Douglas R Stewart

Water Level/Well Data

Well Depth 22.0 Ft. Measured Historical Top of Well Too of Protective Casing

Well Riser Stbx-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference

Depth to Water 8.8 Ft. Well Material: PVC SS STEEL Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch

Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X _____ 1.6 Gal/Ft (2 in.) _____ 65 Gal/Ft (4 in.) = 8.58 Gal/Vol Well Integrity: Yes No
18.2 Ft. _____ 1.5 Gal/Ft (6 in.) _____ _____ Gal Purged Concrete Collar Intact Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

<input checked="" type="checkbox"/>	Purging	Peristaltic Pump	Equipment ID
<input type="checkbox"/>	Sampling	Submersible Pump	
<input checked="" type="checkbox"/>		Bailer	
<input checked="" type="checkbox"/>		PVC/Silicon Tubing	
<input type="checkbox"/>		Teflon/Silicon Tubing	
<input type="checkbox"/>		Airlift	
<input type="checkbox"/>		Hand Pump	
<input type="checkbox"/>		In-line Filter	
<input type="checkbox"/>		Press/Vac Filter	

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Carbonized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line Turbid Clear Cloudy
 In Container Colored Odor

Purge Data	8.58 Gal.	17.6 Gal.	25.8 Gal.	Gal.	Gal.
Temperature, Deg. C	6.5	5.4	6.6		
pH, units	6.95	7.18	7.18		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	2.88	3.29	2.85		
Oxidation - Reduction, +/- mv				NA	NA
Dissolved Oxygen, ppm					
TURBIDITY	3	2.8	3.0		

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
NOA		4 DEG C	2 X 40ML		
SYOA		4 DEG C	2 X 100ML		
CHLORIDE		NaOH	1 500 ML		
AMMONIA		HNO ₃	1 500 ML		

Notes: _____

BR-2

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
Project Number: 7311-03
Sample Location ID: 01BRXX2XXIX1XX
Time: Start: 1605 End: 1615

Site: OLIN
Date: 1-19-94

Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth: 22.0 Measured Historical
Top of Well Top of Protective Casing
Well Riser Stock-up (from ground)
Protective Casing/Well Difference
Depth to Water
Well Material: PVC SS
Well Locked?: Yes No
Well Dia. 2 inch 4 inch 6 inch
Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer
Height of Water Column X .16 Gal/Ft (2 in.) .65 Gal/Ft (4 in.) 1.5 Gal/Ft (6 in.) Gal/Ft (in.)
Gal/Vol Total Gal Purged
Well Integrity: Prot. Casing Secure Concrete Collar Intact Other

Equipment Documentation

Purging/Sampling Equipment Used:
Decontamination Fluids Used:
(If Used For) Purging Sampling Equipment ID
Penstaltic Pump Submersible Pump Bailor PVC/Silicon Tubing Teflon/Silicon Tubing Airlift Hand Pump In-line Filter Press/Vac Filter
Methanol (100%) 25% Methanol/75% ASTM Type II water Deionized Water Lithinox Solution Hexane HNO3/D.I. Water Solution Potable Water None

Field Analysis Data

Ambient Air VOC ppm Well Mouth ppm Field Data Collected In-line In Container
Sample Observations: Turbid Clear Cloudy Colored Oor
Purge Date INITIAL Gal.
Temperature, Deg. C 10.8
pH, units 7.02
Specific Conductivity (umhos/cm. @ 25 Deg. C.) 2470
Oxidation-Reduction, mv
Dissolved Oxygen, ppm
TURBIDITY 3.0 NTU

Sample Collection Requirements (If Required at this Location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs. Rows include VOA, SVOA, TAPRA, CHLOR.

Notes: DID NOT PURGE, BR2 IS A PUMPING WELL

BR-2D

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: BR
 Project Number: 7311-03 Date: 1-26-94
 Sample Location ID: 01BRXXZXXDX1XX
 Time: Start: 10:15 End: 10:45 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 82.6 Ft. Measured Historical Top of Well Top of Protective Casing Well Riser Stick-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference

Depth to Water 80.2 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column 2.4 Ft. X 16 Gal/Ft. (2 in.) 65 Gal/Ft. (4 in.) 1.5 Gal/Ft. (6 in.) Gal/Ft. (in.) = $\left[\begin{array}{l} 1.5 \\ 1.5 \end{array} \right]$ Gal/Vol Total Gal Purged Well Integrity: Prot. Casing Secure Concrete Collar Intact Other _____ Yes No

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment ID
<input type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Submersible Pump
<input type="checkbox"/>	<input type="checkbox"/>	Bailer
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Citriox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC ppm Well Mouth ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	Gal.	Gal.	Gal.	Gal.	Gal.
Temperature, Deg. C	<u>10.7</u>	/	/	/	/
pH, units	<u>7.2</u>	/	/	/	/
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>2530</u>	/	/	/	/
Oxidation - Reduction, +/- mv		/	/	/	/
Dissolved Oxygen, ppm		/	/	/	/
<u>Turbidity</u>	<u>*</u>	/	/	/	/

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VAD</u>	<input type="checkbox"/>	<u>4 DEGC</u>	<u>40 ml x 2</u>	<input checked="" type="checkbox"/>	/ / / /
<u>SAP</u>	<input type="checkbox"/>	<u>4 DEGC</u>	<u>40 ml x 2</u>	<input checked="" type="checkbox"/>	/ / / /
<u>Cu/Pb/Zn</u>	<input type="checkbox"/>	<u>NOAH</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	/ / / /
<u>H2O2</u>	<input type="checkbox"/>	<u>HL20</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	/ / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / /

Notes: PURGED 1 WELL VOLUME, WELL DRY
* TURBIDITY METER NOT FUNCTIONING

BR-3

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester R/FS Site: JUL
 Project Number: 7311-03 Date: 11.27.94
 Sample Location ID: 01BRX13XXXXIXX
 Time: Start: 1000 End: 1045 Signature of Sampler: Douglas Stewart

Water Level/Well Data

Well Depth 26.0 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference

Protective _____ Ft. Casing

Depth to Water 15.9 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch 8 inch

Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column _____ Ft. X .16 Gal/Ft. (2 in.) .65 Gal/Ft. (4 in.) 1.5 Gal/Ft. (6 in.) _____ Gal/Ft. (in.) = 3.8 Gal/Vol _____ Gal/Vol

3.8 Total Gal Purged Well Integrity: Prot. Casing Secure Concrete Collar Intact Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment ID
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Peristaltic Pump
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Submersible Pump
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PVC/Silicon Tubing
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container

Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	Gal.	Gal.	Gal.	Gal.	Gal.
Temperature, Deg. C	<u>10.1</u>	_____	_____	_____	_____
pH, units	<u>8.74</u>	_____	_____	_____	_____
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>2570</u>	_____	_____	_____	_____
Oxidation - Reduction, +/- mv	<u>_____</u>	_____	_____	_____	_____
Dissolved Oxygen, ppm	<u>_____</u>	_____	_____	_____	_____
<u>TURBIDITY</u>	<u>2100</u>	_____	_____	_____	_____

Sample Collection Requirements
(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>NOA</u>	<input type="checkbox"/>	<u>4 DEGC</u>	<u>40 mL x 2</u>	<input checked="" type="checkbox"/>	<u>_____</u>
<u>NO₂</u>	<input type="checkbox"/>	<u>4 DEGC</u>	<u>LAG x 2</u>	<input checked="" type="checkbox"/>	<u>_____</u>
<u>NO₃</u>	<input type="checkbox"/>	<u>HDG₂</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	<u>_____</u>
<u>AMMONIA</u>	<input type="checkbox"/>	<u>HDG₂</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	<u>_____</u>
<u>PHOSPH</u>	<input type="checkbox"/>	<u>4 DEGC</u>	<u>LAG</u>	<input checked="" type="checkbox"/>	<u>_____</u>

Notes: PURGED WELL DRY AFTER 1 WELL VOLUME

BR-3D

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: Olin
Project Number: 7311-03 Date: 1.26.94
Sample Location ID: 01BRXX3XYDX1XY
Time: Start: 1330 End: 1415 Signature of Sampler: Douglas B. Stewart

Water Level/Well Data

Well Depth 86.5 Ft. Measured Historical Top of Well Top of Protective Casing
Well Riser Stick-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference
Protective _____ Ft. Casing
Depth to Water 72.5 Ft. Well Material: PVC SS OPEN ROCK Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch 3 inch
Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer
Height of Water Column X _____ .16 Gal/Ft (2 in.) = 5.0 Gal/Vol Well Integrity: Yes No
_____ X _____ .65 Gal/Ft (4 in.) = 5.0 Total Gal Purged Prot. Casing Secure _____
_____ X _____ .15 Gal/Ft (6 in.) _____ Concrete Collar Intact _____
_____ X _____ Gal/Ft (in.) _____ Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)
Purging Sampling Equipment ID
_____ Peristaltic Pump _____
_____ Submersible Pump _____
_____ Bailor _____
_____ PVC/Silicon Tubing _____
_____ Teflon/Silicon Tubing _____
_____ Airlift _____
_____ Hand Pump _____
_____ In-line Filter _____
_____ Press/Vac Filter _____
Decontamination Fluids Used: (✓ All That Apply at Location)
_____ Methanol (100%)
_____ 25% Methanol/75% ASTM Type II water
_____ Deionized Water
_____ Liquinox Solution
_____ Hexane
_____ HNO₃/D.I. Water Solution
_____ Potable Water
_____ None

Field Analysis Data

Ambient Air VOC ppm Well Mouth ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor
Purge Data 5.0 Gal. Gal. Gal. Gal. Gal.
Temperature, Deg. C 10.9
pH, units 7.6
Specific Conductivity (umhos/cm. @ 25 Deg. C.) 2680
Oxidation - Reduction, +/- mv _____
Dissolved Oxygen, ppm _____
TURBIDITY 2100

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>NO₂</u>		<u>4DEGC</u>	<u>40ml K2</u>	<input checked="" type="checkbox"/>	/ / /
<u>NO₃</u>		<u>4DEGC</u>	<u>50ml K2</u>	<input checked="" type="checkbox"/>	/ / /
<u>CHLORIDE</u>		<u>NADH</u>	<u>LP</u>	<input checked="" type="checkbox"/>	/ / /
<u>INDOLE/AMINE</u>		<u>HNO₃</u>	<u>LP</u>	<input checked="" type="checkbox"/>	/ / /
					/ / /
					/ / /
					/ / /
					/ / /

Notes: BARLED WELL DRY AFTER 1 WELL VOLUME
COLLECT DUP MS/MSD
* PID + FID NOT FUNCTIONING

BR-4

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OUN
 Project Number: 7311-03 Date: 2.1.94
 Sample Location ID: 01BEXX4XXXX1XX
 Time: Start: 1330 End: 1430 Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth 50 Ft. Measured Historical Top of Well Well Riser Stick-up _____ Ft. Protective _____ Ft. Casing/Well Difference

Top of Protective Casing

Depth to Water 5.82 Ft. Well Material: PVC SS OPEN Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch 8 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column _____ Ft. X .16 Gal/Ft (2 in.) .65 Gal/Ft (4 in.) 1.5 Gal/Ft (6 in.) _____ Gal/Ft (____ in.) = [16 Gal/Vol 48 Total Gal Purged] Well Integrity: Yes No
 Prot. Casing Secure Concrete Collar Intact Other _____

Equipment Documentation

Purging/Sampling Equipment Used:

(<input checked="" type="checkbox"/> If Used For)			Equipment ID	
Purging	Sampling			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump	_____	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Submersible Pump	_____	
<input type="checkbox"/>	<input type="checkbox"/>	Bailer	_____	
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	_____	
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	_____	
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	_____	
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	_____	
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	_____	
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	_____	

Decontamination Fluids Used:

(All That Apply at Location)

Methanol (100%)
 25% Methanol/75% ASTM Type II water
 Ionized Water
 Liquinox Solution
 Hexane
 HNO₃/D.I. Water Solution
 Potable Water
 None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Turbid Clear Cloudy
 Colored Odor

Purge Data	<u>16</u> Gal.	<u>32</u> Gal.	<u>48</u> Gal.	_____ Gal.	_____ Gal.
Temperature, Deg. C	<u>8.5</u>	<u>8.4</u>	<u>10.1</u>		
pH, units	<u>7.86</u>	<u>7.84</u>	<u>7.95</u>		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>299</u>	<u>286</u>	<u>296</u>		
Oxidation-Reduction, +/- mv					
Dissolved Oxygen, ppm					
<u>TURBIDITY</u>	<u>12</u>	<u>11</u>	<u>12</u>		

Sample Collection Requirements (If Required at this Location)

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
<u>VOA</u>		<u>4 DEG</u>	<u>40 ml x 2</u>	<input checked="" type="checkbox"/>	/ / /
<u>SVOM</u>		<u>4 DEG</u>	<u>60 ml x 2</u>	<input checked="" type="checkbox"/>	/ / /
<u>INORGANIC</u>		<u>HNO3</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	/ / /
<u>CYANIDE</u>		<u>NB011</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	/ / /
					/ / /
					/ / /
					/ / /

Notes: _____

BR-5A

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RVFS Site: OLIN
 Project Number: 7311-03 Date: 1-19-94
 Sample Location ID: 01BRXX5XXXXIX
 Time: Start: 9:50 End: 9:30 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 29.1 Ft: Measured Top of Well Well Riser Stock: _____ Ft: Protective _____ Ft.
 Historical Top of Protective Casing (from ground) Casing/Well Difference

 Depth to Water 11.35 Well Material: PVC Well Locked?: Yes No Well Dia. 2 in. Water Level Equip. Used:
 SS No 4 in. 6 in. Elect. Conc. Probe
 _____ _____ _____ Float Activated
 _____ _____ _____ Press. Transducer

Height of Water Column: X _____ .16 Gal/Ft. (2 in.) = _____ Gal/Vol. Well Integrity: Yes No
 _____ Ft. _____ .65 Gal/Ft. (4 in.) = _____ Total Gal Purged Prot. Casing Secure _____
 _____ Ft. _____ 1.5 Gal/Ft. (6 in.) = _____ Concrete Collar Intact _____
 _____ Ft. _____ Gal/Ft. (____ in.) = _____ Other _____

Equipment Documentation

Purging/Sampling Equipment Used: **Decontamination Fluids Used:**

(✓ If Used For) Purging Sampling Equipment ID (✓ All That Apply at Location)

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Peristaltic Pump	_____	<input checked="" type="checkbox"/>	Methanol (100%)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Submersible Pump	_____	<input checked="" type="checkbox"/>	25% Methanol/75% ASTM Type II water
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Barrier	_____	<input checked="" type="checkbox"/>	Deionized Water
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PVC/Silicon Tubing	_____	<input checked="" type="checkbox"/>	Liquinox Solution
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Teflon/Silicon Tubing	_____	<input checked="" type="checkbox"/>	Hexane
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Airlift	_____	<input checked="" type="checkbox"/>	HNO ₃ /D.I. Water Solution
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hand Pump	_____	<input checked="" type="checkbox"/>	Potable Water
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	In-line Filter	_____	<input checked="" type="checkbox"/>	None
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Press/Vac Filter	_____	<input checked="" type="checkbox"/>	_____

Field Analysis Data

Ambient Air VOC _____ ppm Well Mouth _____ ppm Field Data Collected _____ In-line _____ In Container _____

Sample Observations: Turbid _____ Clear _____ Cloudy _____
 Colored _____ Ooey _____

Purge Data	INITIAL	_____	_____	_____	_____
Temperature, Deg. C	5.2	NA	NA	NA	NA
pH, units	4.8	NA	NA	NA	NA
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	2120	NA	NA	NA	NA
Oxidation-Reduction, +/- mv	_____	NA	NA	NA	NA
Dissolved Oxygen, ppm	_____	NA	NA	NA	NA
TURBIDITY	>100 NTU	NA	NA	NA	NA

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
VOA			2x40 ml Vial	✓	_____
SWA			2x100 ml	✓	_____
CYANIDE			100 ml	✓	_____
INORG			100 ml	✓	_____
PCB/PEST			2x200 ml	✓	_____
_____			_____		_____
_____			_____		_____
_____			_____		_____
_____			_____		_____

Notes: * PUMPING WELL, DID NOT PURGE
* DUPLICATE COLLECTED - 01BRXX5XXXXIX

BR-6

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
Project Number: 7311-03
Sample Location ID: 01BRXX6XXXXXX
Time: Start: End: 1435

Site: Din
Date: 1/25/94

Signature of Sampler: [Signature] for E. Stepien

Water Level/Well Data

Well Depth, Measured, Historical, Top of Well, Well Riser Stick-up, Protective Casing, Depth to Water, Well Material, Well Locked?, Well Dia., Water Level Equip. Used, Height of Water Column, Gal/Vol, Well Integrity, Total Gal Purged.

Equipment Documentation

Purging/Sampling Equipment Used:

Decontamination Fluids Used:

Equipment list including Peristaltic Pump, Submersible Pump, Bailer, PVC/Silicon Tubing, Teflon/Silicon Tubing, Airlift, Hand Pump, In-line Filter, Press/Vac Filter. Decontamination fluids include Methanol, 25% Methanol/75% ASTM Type II water, Deionized Water, Liquinox Solution, Hexane, HNO3/D.I. Water Solution, Potable Water, None.

Field Analysis Data

Ambient Air VOC, Well Mouth, Field Data Collected, Sample Observations (Turbid, Clear, Cloudy, Colored, Odor), Purge Data, Temperature, pH, Specific Conductivity, Oxidation-Reduction, Dissolved Oxygen.

Sample Collection Requirements (If Required at this Location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs. Rows include VOA, SUCA, INORGANIC, CYANIDE.

Notes: NO FIELD DATA Collected Pumping well, Not purged as monitoring well

BR-7A

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN
Project Number: 7311-03 Date: 1-19-94
Sample Location ID: OIBR XX 7 XXXX 1XX
Time: Start: 1530 End: 1545 Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth 21.25 Ft. Measured Top of Well
 Historical Top of Protective Casing
Well Riser Stock: Ft. (from ground) Protective Ft. Casing/Well Difference
Protective Ft. Casing
Depth to Water 19.48: Well Material: PVC Well Logged?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used:
 SS Float Activated Press. Transducer
Height of Water Column: X .16 Gal/Ft. (2 in.) = Gal/Vol. Well Integrity: Yes No
 .65 Gal/Ft. (4 in.) = Total Gal Purged Prot. Casing Secure
 1.5 Gal/Ft. (6 in.) = Concrete Collar Intact
 Gal/Ft. () = Other

Equipment Documentation

Purging/Sampling Equipment Used: Decontamination Fluids Used:
(If Used For) Purging Sampling Equipment ID (All That Apply at Location)
 Penstaltic Pump Equipment ID Methanol (100%)
 Submersible Pump 25% Methanol/75% ASTM Type II water
 Bailer Deionized Water
 PVC/Silicon Tubing Liquinox Solution
 Teflon/Silicon Tubing Hexane
 Airlift HNO₃/Dist. Water Solution
 Hand Pump Potable Water
 In-line Filter None
 Press/Vac Filter

Field Analysis Data

Ambient Air VOC ppm Well Mouth ppm Field Data Collected In-line Sample Observations:
 In Container Turbid Clear Cloudy
 Colored Odor
Purge Data @ INITIAL Gal. @ Gal. @ Gal. @ Gal. @ Gal.
Temperature, Deg. C 7.6
pH, units 7.87
Specific Conductivity (umhos/cm @ 25 Deg. C.) 3900
Oxidation-Reduction, mV
Dissolved Oxygen, ppm
TURBIDITY >100

Sample Collection Requirements (If Required at this Location)

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle ID's
<u>VOA</u>	<input checked="" type="checkbox"/>	<u>4 DEG C</u>	<u>2 X 400M</u>	<input checked="" type="checkbox"/>	<u> </u>
<u>SVOA</u>	<input checked="" type="checkbox"/>	<u>4 DEG C</u>	<u>2 X 160M</u>	<input checked="" type="checkbox"/>	<u> </u>
<u>CHLORIDE</u>	<input checked="" type="checkbox"/>	<u>NOAH</u>	<u>1 LP</u>	<input checked="" type="checkbox"/>	<u> </u>
<u>INORG.</u>	<input checked="" type="checkbox"/>	<u>NOAH</u>	<u>1 LP</u>	<input checked="" type="checkbox"/>	<u> </u>

Notes: BR 7 IS A PUMPING WELL, DID NOT PURGE WELL

BR-8

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OCIN
 Project Number: 7311-03 Date: 1-24-94
 Sample Location ID: 01BRXX8XXXX1XX
 Time: Start: 1040 End: 1115 Signature of Sampler: Douglas B. Stewart

Water Level/Well Data

Well Depth 38.1 Ft. Measured Historical
 Top of Well Top of Protective Casing
 Well Riser Stick-up _____ Ft. (from ground)
 Protective _____ Ft. Casing/Well Difference
 Protective _____ Ft. Casing

Depth to Water 12.1 Ft. Well Material: PVC Yes No
 SS Well Locked?: Yes No
 Well Dia. 2 inch 4 inch 6 inch
 Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column _____ Ft. X .16 Gal/Ft. (2 in.) .65 Gal/Ft. (4 in.) = 15.3 Gal/Vol
 1.5 Gal/Ft. (6 in.) _____ Gal/Ft. (in.) = 45.9 Total Gal Purged
0.9 1.5

Well Integrity: Yes No
 Prot. Casing Secure _____
 Concrete Collar Intact _____
 Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)
 Purging Sampling Equipment ID _____
 _____ _____
 _____ _____
 _____ _____
 _____ _____
 _____ _____
 _____ _____
 _____ _____
 _____ _____

Decontamination Fluids Used: (✓ All That Apply at Location)
 Methanol (100%)
 25% Methanol/75% ASTM Type II water
 Deionized Water
 Liquinox Solution
 Hexane
 HNO₃/D.I. Water Solution
 Potable Water
 None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 11 ppm Field Data Collected In-line Turbid Clear Cloudy
 In Container Colored Odor

Purge Data	@ 15.3 Gal.	@ 30.6 Gal.	@ 45.9 Gal.	@ _____ Gal.	@ _____ Gal.
Temperature, Deg. C	<u>11.4</u>	<u>12.6</u>	<u>12.7</u>	_____	_____
pH, units	<u>7.19</u>	<u>7.2</u>	<u>7.3</u>	_____	_____
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>1802</u>	<u>1806</u>	<u>1826</u>	_____	_____
Oxidation - Reduction, +/- mv	_____	_____	_____	_____	_____
Dissolved Oxygen, ppm	_____	_____	_____	_____	_____
TURBIDITY	<u>15</u>	<u>5.5</u>	<u>5.1</u>	_____	_____

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOA</u>	<input type="checkbox"/>	<u>4 DEG C</u>	<u>40ml x 2</u>	<input checked="" type="checkbox"/>	____/____/____/____
<u>S/OA</u>	<input type="checkbox"/>	<u>4 DEG C</u>	<u>100ml x 2</u>	<input checked="" type="checkbox"/>	____/____/____/____
<u>CV ALD</u>	<input type="checkbox"/>	<u>500 ml</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	____/____/____/____
<u>ORGANIC</u>	<input type="checkbox"/>	<u>500 ml</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	____/____/____/____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	____/____/____/____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	____/____/____/____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	____/____/____/____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	____/____/____/____

Notes: _____

BR-101

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OCW
 Project Number: 7311-03 Date: 2.1.94
 Sample Location ID: 01 BR101 XXXLXX
 Time: Start: 10:00 End: 11:00 Signature of Sampler: Douglas Stewart

Water Level/Well Data

Well Depth 44.0 Ft. Measured Top of Well Well Riser Stick-up _____ Ft. Protective _____ Ft.
 Historical Top of Protective Casing (from ground) Casing/Well Difference

Depth to Water 9.83 Ft. Well Material: APPX ROCK Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used:
 PVC Elect. Cond. Probe
 SS Float Activated
 Press. Transducer

Height of Water Column X _____ .16 Gal/Ft (2 in.) = 22.0 Gal/Vol Well Integrity: Yes No
34.17 Ft. X .65 Gal/Ft (4 in.) = 66.0 Total Gal Purged Prot. Casing Secure
 1.5 Gal/Ft (6 in.) Concrete Collar Intact
 Gal/Ft (____ in.) Other _____

Equipment Documentation

Purging/Sampling Equipment Used: **Decontamination Fluids Used:**

(✓ If Used For)				(✓ All That Apply at Location)
Purging	Sampling	Equipment ID		_____ Methanol (100%)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump	_____	<input checked="" type="checkbox"/> 25% Methanol/75% ASTM Type II water
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Submersible Pump	_____	<input checked="" type="checkbox"/> Deionized Water
<input type="checkbox"/>	<input type="checkbox"/>	Bailer	_____	<input checked="" type="checkbox"/> Liquinox Solution
<input checked="" type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	_____	_____ Hexane
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	_____	_____ HNO ₃ /D.I. Water Solution
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	_____	_____ Potable Water
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	_____	_____ None
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	_____	
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	_____	

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line Turbid Clear Cloudy
 In Container Colored Odor

Purge Data	22 Gal.	44 Gal.	66 Gal.	_____ Gal.	_____ Gal.
Temperature, Deg. C	<u>12.2</u>	<u>11.6</u>	<u>10.6</u>		
pH, units	<u>7.57</u>	<u>8.07</u>	<u>7.95</u>		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>646</u>	<u>636</u>	<u>685</u>		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
TURBIDITY	<u>26</u>	<u>19</u>	<u>20</u>		

Sample Collection Requirements
(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOCs</u>		<u>4 DEGC</u>	<u>40 mL X2</u>	<input checked="" type="checkbox"/>	/ / /
<u>SVOCs</u>		<u>4 DEGC</u>	<u>180 mL X2</u>	<input checked="" type="checkbox"/>	/ / /
<u>INORGANICS</u>		<u>HNO₃</u>	<u>1L</u>	<input checked="" type="checkbox"/>	/ / /
<u>CHLORIDE</u>		<u>NOOH</u>	<u>1L</u>	<input checked="" type="checkbox"/>	/ / /
					/ / /
					/ / /
					/ / /

Notes: _____

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
 Project Number: 7311-03
 Sample Location ID: A4BR102-XXXX-XX
 Time: Start: 08:25 End: 10:35

Site: OLIN MAINTENANCE WEL BR102
 Date: 1/27/99
 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth Measured Top of Well Well Riser Stick-up Ft. Protective Ft.
 Historical Top of Protective Casing (from ground) Casing/Well Difference

Depth to Water 24.25 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used:
 Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X .16 Gal/Ft (2 in.) = 19.3 Gal/Vol Well Integrity: Yes No
 .85 Gal/Ft (4 in.) = 58.0 Total Gal Purged Prot. Casing Secure
 1.5 Gal/Ft (6 in.) Concrete Collar Intact
 Gal/Ft (in.) Other

40.75 Ft. 29.75

Equipment Documentation

Purging/Sampling Equipment Used:

(<input checked="" type="checkbox"/> If Used For)		Equipment ID	
Purging	Sampling		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Submersible Pump	
<input type="checkbox"/>	<input type="checkbox"/>	Bailer	
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	

Decontamination Fluids Used:

(All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy
 Colored Odor

Purge Data	19.3 Gal.	58.0 Gal.	Gal.	Gal.
Temperature, Deg. C	10.0	16.5	10.8	
pH, units	7.0	7.5	7.5	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	730	730	741	
Oxidation - Reduction, +/- mv				
Dissolved Oxygen, ppm				
THURSDAY	6.5 NTU	6.5 NTU	7 < NTU	

Sample Collection Requirements

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
<u>COAS</u>		<u>4°C</u>	<u>(2) 40 mL</u>	<input checked="" type="checkbox"/>	/ / / /
<u>SEM COAS</u>		<u>4°C</u>	<u>(3) 2 L</u>	<input checked="" type="checkbox"/>	/ / / /
<u>INORGANICS</u>		<u>4°C</u>	<u>(1) 2 L</u>	<input checked="" type="checkbox"/>	/ / / /
<u>C VARIATION</u>		<u>N/A</u>	<u>(1) 1 L</u>	<input checked="" type="checkbox"/>	/ / / /
					/ / / /
					/ / / /
					/ / / /
					/ / / /

Notes: PRODUCT NOTED IN WELL REPORT AT THE BEGINNING OF THE WELL PURGE. DNAPL SAMPLER IN BOTTOM OF WELL

BR-103

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: KODAK
 Project Number: 7311-03 Date: 1-20-94
 Sample Location ID: 01BR103XXXXIXX
 Time: Start: 12:30 End: 1:30 Signature of Sampler: Douglas Stewart

Water Level/Well Data

Well Depth: 44.9 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Spacing: _____ Ft. (from ground) Protective Casing Well Difference: FLUSH Ft.

Protective Casing: _____ Ft.

Depth to Water: 5.5 Ft. Well Material: OPEN ROCK Well Cased?: Yes No Well Dia: 2 in. 4 in. 6 in.

Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column: _____ Ft. X 16 Gal/Ft. (2 in.) 65 Gal/Ft. (4 in.) 1.5 Gal/Ft. (6 in.) _____ Gal/Ft. (____ in.)

Well Integrity: Yes No
 Prot. Casing Secure: Concrete Collar Intact: Other: _____

Gal/Vol: 22.7 Total Gal Purged: 68.1

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)	Purging	Sampling	Equipment ID
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Penstairc Pump
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Baire
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Airline
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used:

(✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC: 0 ppm Well Mouth: 0 ppm Field Data Collected: _____ In-line _____ in Container

Sample Observations: Turbid Clear Cloudy Colored Oop

Purge Data	@ 22.7 Gal.	@ 45.4 Gal.	@ 68.1 Gal.	@ _____ Gal.	@ _____ Gal.
Temperature, Deg. C	<u>6.5</u>	<u>6.0</u>	<u>6.8</u>	<u>NA</u>	<u>NA</u>
pH, units	<u>7.86</u>	<u>7.77</u>	<u>7.18</u>	<u>NA</u>	<u>NA</u>
Specific Conductivity (umhos/cm @ 25 Deg. C.)	<u>1840</u>	<u>1894</u>	<u>1890</u>	<u>NA</u>	<u>NA</u>
Oxidation-Reduction +/- mv					
Dissolved Oxygen, ppm	<u>2.5</u>	<u>2.5</u>	<u>3.0</u>		
<u>TURBIDITY</u>					

Sample Collection Requirements
 If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>NO₃</u>		<u>4 DEG C</u>	<u>2 x 40ml</u>	<input checked="" type="checkbox"/>	
<u>NO₂</u>		<u>4 DEG C</u>	<u>2 x 40ml</u>	<input checked="" type="checkbox"/>	
<u>INORG</u>		<u>HNO₃</u>	<u>500ml</u>	<input checked="" type="checkbox"/>	
<u>CYANIDE</u>		<u>NAOH</u>	<u>500ml</u>	<input checked="" type="checkbox"/>	

Notes: _____

BR-104

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester R/WFS
Project Number: 7311-03
Sample Location ID: 02 BROWN XXXX 2 XV
Time: Start: 1119 End: 1230

Site: R640 on MONTANA W/LL R2104
Date: 11/2/94
Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 36.30 Ft Measured
Top of Well Well Riser Stick-up 0 Ft
Depth to Water 17.10 Ft Well Material: SS
Height of Water Column 19.20 Ft

Equipment Documentation

Purging/Sampling Equipment Used:
Decontamination Fluids Used:
(If Used For) Purging Sampling Equipment ID

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm
Purge Data: 12.48 Gal, 24.96 Gal, 37.44 Gal
Temperature, pH, Specific Conductivity, etc.

Sample Collection Requirements

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs

Notes: * PURGED USING WHITE PUMP

BR-105

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
Project Number: 7311-03
Sample Location ID: OLR105XXXIXX
Time: Start: 1100 End: 1200

Site: CYLN
Date: 1.27.94

Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth 45.5 Ft Measured Top of Well Well Riser Stick-up 25.5 Ft Protective Casing/Well Difference 19.5 Ft
Depth to Water 26 Ft Well Material: PVC SS OPEN Well Locked?: No Well Dia. 2 inch 4 inch 6 inch 3 inch
Height of Water Column X .16 Gal/Ft (2 in.) .65 Gal/Ft (4 in.) 1.5 Gal/Ft (6 in.) .39 Gal/Ft (in.) = 12.5 Gal/Vol 37.5 Total Gal Purged

Equipment Documentation

Purging/Sampling Equipment Used: (check if used for) Purging Sampling Penstaltic Pump Submersible Pump Bailer PVC/Silicon Tubing Teflon/Silicon Tubing Airlift Hand Pump In-line Filter Press/Vac Filter
Decontamination Fluids Used: (check all that apply at location) Methanol (100%) 25% Methanol/75% ASTM Type II water Deionized Water Liquinox Solution Hexane HNO3/D.I. Water Solution Potable Water None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 29.2 ppm Field Data Collected In-line In Container Sample Observations: Turbidity Clear Cloudy Colored Odor
Purge Data: 12.5 Gal, 25 Gal, 37.5 Gal
Temperature, Deg. C: 12.4, 12.7, 13.2
pH, units: 6.58, 6.73, 6.75
Specific Conductivity (umhos/cm @ 25 Deg. C.): 800, 658, 729

Sample Collection Requirements (check if required at this location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs. Includes handwritten entries for parameters like UDA, SVOA, CYANIDE, and WDS.

Notes:

BR-10SD

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
 Project Number: 7311-03
 Sample Location ID: O1 BR10SXXDX1XX
 Time: Start: 0745 End: 0900

Site: Olin
 Date: 2-4-94
 Signature of Sampler: [Signature] ^{US} _{Ferr Gene Shepherd}

Water Level/Well Data

Well Depth 80.0 Ft. Measured Historical Top of Well Top of Protective Casing Well Riser Stick-up 0.0 Ft. (from ground) Protective Casing/Well Difference 0.0 Ft. ^{NO} _{A.D.}

Depth to Water 33.2 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column 46.8 Ft. X .16 Gal/Ft (2 in.) .65 Gal/Ft (4 in.) 1.5 Gal/Ft (6 in.) Gal/Ft (in.) = [7.5 Gal/Vol 6.0 Total Gal Purged] Well Integrity: Prot. Casing Secure Concrete Collar Intact Other Yes No

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)	Equipment ID
Purging <input type="checkbox"/> Sampling <input type="checkbox"/>	Peristaltic Pump
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Submersible Pump
<input type="checkbox"/> <input type="checkbox"/>	Bailer
<input type="checkbox"/> <input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/> <input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/> <input type="checkbox"/>	Airlift
<input type="checkbox"/> <input type="checkbox"/>	Hand Pump
<input type="checkbox"/> <input type="checkbox"/>	In-line Filter
<input type="checkbox"/> <input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used:

(✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC _____ ppm Well Mouth _____ ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	Gal.	Gal.	Gal.	Gal.	Gal.
Temperature, Deg. C	<u>6</u>	<u>4.7</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>
pH, units	<u>9.61</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>3337</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
VOA		4 DE C	(40 ML x 2)	✓	/ / / / /
SUA		4 DE C	(1 L x 2)	✓	/ / / / /
INORG		HNO ₃	(1 L x 2)	✓	/ / / / /
CYANIDE		RASH	(1 L x 2)	✓	/ / / / /

Notes: purged well dry after 6 gallons; slow recovery. opted to sample duplicate collected O1 BR10SXXDX1DX

BR-106

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OWD / AID TO HOSP.
 Project Number: 7311-03 Date: 2.2.94
 Sample Location ID: 01BR106X1KXXX
 Time: Start: 1545 End: 1630 Signature of Sampler: Douglas Stewart

Water Level/Well Data

Well Depth 45.0 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up FISH Ft. (from ground) Protective FISH Ft. Casing/Well Difference

Protective _____ Ft. Casing

Depth to Water 25.0 Ft. Well Material: PVC SS OPEN Well Logged?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X _____ 1.5 Gal/Ft. (2 in.) _____ 65 Gal/Ft. (4 in.) _____ 1.5 Gal/Ft. (6 in.) _____ Gal/Ft. (in.) = [13 Gal/Vol] Well Integrity: Prot. Casing Secure Concrete Collar Intact Other _____ Yes No _____ Total Gal Purged 39

Equipment Documentation

Purging/Sampling Equipment Used:

(<input checked="" type="checkbox"/> If Used For)			Equipment ID	
Purging	Sampling			(<input checked="" type="checkbox"/> All That Apply at Location)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Peristaltic Pump	_____	<input type="checkbox"/> Methanol (100%)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Submersible Pump	_____	<input checked="" type="checkbox"/> 25% Methanol/75% ASTM Type II water
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer	_____	<input checked="" type="checkbox"/> Deionized Water
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	_____	<input type="checkbox"/> Liquinox Solution
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	_____	<input type="checkbox"/> Hexane
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	_____	<input type="checkbox"/> HNO ₃ /D.I. Water Solution
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	_____	<input type="checkbox"/> Potable Water
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	_____	<input type="checkbox"/> None
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	_____	_____

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	<u>13</u> Gal.	<u>26</u> Gal.	<u>39</u> Gal.	_____ Gal.	_____ Gal.
Temperature, Deg. C	<u>8.0</u>	<u>10.0</u>	<u>10.0</u>	_____	_____
pH, units	<u>7.29</u>	<u>7.32</u>	<u>7.22</u>	_____	_____
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>966</u>	<u>424</u>	<u>414</u>	_____	_____
Oxidation - Reduction, +/- mv	_____	_____	_____	_____	_____
Dissolved Oxygen, ppm	_____	_____	_____	_____	_____

Sample Collection Requirements
(If Required at this Location)

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
<u>VOA</u>	<input type="checkbox"/>	<u>4 DEG C</u>	<u>40 ml x2</u>	<input checked="" type="checkbox"/>	_____ / _____ / _____ / _____
<u>SYN</u>	<input type="checkbox"/>	<u>4 DEG C</u>	<u>LAB v2</u>	<input checked="" type="checkbox"/>	_____ / _____ / _____ / _____
<u>NU22</u>	<input type="checkbox"/>	<u>H2O2</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	_____ / _____ / _____ / _____
<u>CYANIDE</u>	<input type="checkbox"/>	<u>NAOH</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	_____ / _____ / _____ / _____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	_____ / _____ / _____ / _____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	_____ / _____ / _____ / _____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	_____ / _____ / _____ / _____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	_____ / _____ / _____ / _____

Notes: _____

BR-107

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: F RIXON
 Project Number: 7311-03 Date: 1.21.94
 Sample Location ID: 01B2107XXXXXX
 Time: Start: 7:30 End: 9:00 Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth: 40.0 Ft. Measured Historical Top of Well Well Riser Stock FLUSH Ft. Protective FLUSH Ft.
 Casing 6.5 Top of Protective Casing (from ground) Casing/Well Difference
 Depth to Water: 22.4 Ft. Well Material: PVC Yes No Well Dia. 4 inch 6 inch Water Level Equip. Used:
 SS OPEN ROCK 4 inch 6 inch Elect. Cond. Probe
 1.5 Gal/Ft. (6 in.) Press. Transducer
 Height of Water Column: X 1.0 Gal/Ft. (2 in.) 1.5 Gal/Ft. (6 in.) Gal/Ft. (in.) 11.31 Gal/In. Well Integrity: Yes No
 33.93 Total Gal Purged Prot. Casing Secure
 Concrete Collar Intact
 Other

Equipment Documentation

Purging/Sampling Equipment Used: If Used For Sampling Equipment ID

<input checked="" type="checkbox"/>	Peristaltic Pump	_____
<input checked="" type="checkbox"/>	Submersible Pump	_____
<input checked="" type="checkbox"/>	Baller	_____
<input type="checkbox"/>	PVC/Silicon Tubing	_____
<input type="checkbox"/>	Teflon/Silicon Tubing	_____
<input type="checkbox"/>	Airline	_____
<input type="checkbox"/>	Hand Pump	_____
<input type="checkbox"/>	In-line Filter	_____
<input type="checkbox"/>	Press/Vac Filter	_____

Decontamination Fluids Used: All That Apply at Location

<input type="checkbox"/>	Methanol (100%)
<input checked="" type="checkbox"/>	25% Methanol/75% ASTM Type II water
<input checked="" type="checkbox"/>	Deionized Water
<input checked="" type="checkbox"/>	Liquinox Solution
<input type="checkbox"/>	Hexane
<input type="checkbox"/>	HNO ₃ /Dist. Water Solution
<input type="checkbox"/>	Potable Water
<input type="checkbox"/>	None

Field Analysis Data

Ambient Air VOC: 2 ppm Well Mouth: 27 ppm Field Data Collected: In-line In Container

Sample Observations: Turbid Clear Cloudy
 Colored Oor

Purge Date	@ <u>1.13</u> Gal	@ <u>22.62</u> Gal	@ <u>33.93</u> Gal	@ _____ Gal	@ _____ Gal
Temperature, Deg. C	<u>7.24</u>	<u>7.22</u>	<u>7.17</u>	<u>N/A</u>	<u>N/A</u>
pH, units	<u>7.45</u>	<u>7.45</u>	<u>7.47</u>	<u>N/A</u>	<u>N/A</u>
Specific Conductivity (umhos/cm @ 25 Deg. C.)					
Oxidation-Reduction, mv					
Dissolved Oxygen, ppm	<u>4.0</u>	<u>2.0</u>	<u>2.0</u>		
TURBIDITY					

Sample Collection Requirements If Required at this Location

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle ID's
<u>VOL</u>		<u>4 DEG C</u>	<u>2Y40MI</u>		
<u>SILOX</u>		<u>4 DEG C</u>	<u>2Y12</u>		
<u>INX</u>		<u>INX</u>	<u>IL</u>		
<u>CYANIDE</u>		<u>CYANIDE</u>	<u>IL</u>		

Notes: temperature probe malfunctioning - N.B.

BR-108

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester R/VFS
 Project Number: 7311-03
 Sample Location ID: 01BR108XXXX1XX
 Time: Start: 12:30 End: 12:45

Site: F RIXON / OLIN CHEM
 Date: 2-1-94

Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth 43.0 Ft Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up _____ Ft (from ground) Protective _____ Ft Casing/Well Difference

Protective _____ Ft Casing

Depth to Water 29.95 Ft Well Material: PVC PVC SS OPEL Well Looked?: Yes No Well Dia. 2 inch 2 inch 4 inch 6 inch

Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X 13.05 Ft = $\begin{cases} 16 \text{ Gal/Ft (2 in.)} \\ .65 \text{ Gal/Ft (4 in.)} \\ 1.5 \text{ Gal/Ft (6 in.)} \\ \text{Gal/Ft (in.)} \end{cases}$ = $\begin{cases} 8.5 \text{ Gal/Vol} \\ 25.5 \text{ Total Gal Purged} \end{cases}$

Well Integrity: Prot. Casing Secure Concrete Collar Intact Other _____ Yes No

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)	Equipment ID
<input checked="" type="checkbox"/> Purging	Peristaltic Pump
<input type="checkbox"/> Sampling	Submersible Pump
<input checked="" type="checkbox"/>	Bailer
<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	Airlift
<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used:

(✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 2 ppm Field Data Collected In-line In Container

Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	8.5 Gal.	17 Gal.	25.5 Gal.	Gal.	Gal.
Temperature, Deg. C	<u>11.2</u>	<u>10.7</u>	<u>10.8</u>		
pH, units	<u>7.89</u>	<u>7.53</u>	<u>7.58</u>		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>507</u>	<u>228</u>	<u>218</u>		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
<u>TURBIDITY</u>	<u>2.5</u>	<u>2.5</u>	<u>2.0</u>		

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VFA</u>		<u>4 DEAC</u>	<u>40ml</u>	<input checked="" type="checkbox"/>	
<u>SVFA</u>		<u>4 DEAC</u>	<u>40ml</u>	<input checked="" type="checkbox"/>	
<u>INRA</u>		<u>4 DEAC</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	
<u>CYANIDE</u>		<u>NAOH</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	

Notes: _____

C-1

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
 Project Number: 7311-03
 Sample Location ID: C1-01 MWYC1XXXX1XX
 Time: Start: 1201 End: 0810
1/24/94 1/25/94

Site: OLIN MONITORING WELL C-1
 Date: 1/25/94
 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 12.50 Ft. Measured Historical Top of Well Well Riser Stick-up Ft. Protective Ft. Casing/Well Difference

Top of Protective Casing

Depth to Water 7.00 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X .16 Gal/Ft (2 in.) .65 Gal/Ft (4 in.) 1.5 Gal/Ft (6 in.) Gal/Ft (___ in.) = 2.6 Total Gal Purged

Well Integrity: Prot. Casing Secure Yes No Concrete Collar Intact Other

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment ID
<input type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Citriquinolone Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	Gal.	Gal.	Gal.	Gal.	Gal.
Temperature, Deg. C	<u>5.9</u>	/	/	/	/
pH, units	<u>7.24</u>	/	/	/	/
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>592</u>	/	/	/	/
Oxidation - Reduction, +/- mv	/	/	/	/	/
Dissolved Oxygen, ppm	<u>0.20</u>	/	/	/	/

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>LNAs</u>	<input type="checkbox"/>	<u>4°C</u>	<u>(2) 40 mL</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>SOP/1046</u>	<input type="checkbox"/>	<u>4°C</u>	<u>(2) 40 mL</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>INORGANICS</u>	<input type="checkbox"/>	<u>HNO₃</u>	<u>(2) 100 mL</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>ANIONS</u>	<input type="checkbox"/>	<u>NNO₃</u>	<u>(2) 100 mL</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>PEST/226</u>	<input type="checkbox"/>	<u>4°C</u>	<u>(2) 1 L</u>	<input type="checkbox"/>	/ / / / /

Notes: WELL DRY AFTER PURGING APPROX. 1 GALLON

C-2A

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
 Project Number: 7311-03
 Sample Location ID: C1A-01MNXC2XXA1XX
 Time: Start: 1230 End: 1245

Site: OLIN MONITORING WELL C1A
 Date: 1/25/94
 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 16.80 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up Ft. (from ground) Protective Ft. Casing/Well Difference

Protective Ft. Casing

Depth to Water 6.80 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X 10.00 Ft. .16 Gal/Ft (2 in.) .65 Gal/Ft (4 in.) 1.5 Gal/Ft (6 in.) Gal/Ft (in.) = $\left[\begin{array}{l} 1.6 \\ 4.8 \end{array} \right.$ Gal/Vol Total Gal Purged

Well Integrity: Prot. Casing Secure Concrete Collar Intact Other Yes No

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment ID
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Peristaltic Pump
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer (2")
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Turbid Clear Cloudy Colored Odor

Purge Data	@ 1.6 Gal.	@ 3.2 Gal.	@ 4.8 Gal.	@ Gal.	@ Gal.
Temperature, Deg. C	8.1	8.7	8.3	/	/
pH, units	8.19	8.23	9.38	/	/
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	222	226	260	/	/
Oxidation - Reduction, +/- mv				/	/
Dissolved Oxygen, ppm				/	/
TURBIDITY *				/	/

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
VAs		4°C	(2) 40mL	///	/ / / /
SEM/VOAS		4°C	(2) 3L	///	/ / / /
INORGANIC CYANIDE		HNO ₃	(1) 16oz.	///	/ / / /
		NH ₄ OH	(2) 16oz.	///	/ / / /

Notes: *** TURBIDITY METER NOT FUNCTIONING PROPERLY. WELL CLEARED DURING THE PURGING OF THE 3RD VOLUME**

C-3

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
Project Number: 7311-03
Sample Location ID: C3-0211WXC3XXXX1XX
Time: Start: 1321 End: 1524

Site: OLIN MONITORING WELL C-3
Date: 1/25/04
Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 16.80 Ft. Measured
Depth to Water 6.80 Ft. Well Material: PVC, SS
Height of Water Column 10.00 Ft. Total Gal Purged 4.8

Equipment Documentation

Purging/Sampling Equipment Used: Peristaltic Pump, Submersible Pump, Bailer (1")
Decontamination Fluids Used: Deionized Water, Liquinox Solution

Field Analysis Data

Ambient Air VOC, Well Mouth, Field Data Collected
Purge Data @ 1.6 Gal, 3.2 Gal, 4.8 Gal
Temperature, pH, Specific Conductivity, Oxidation-Reduction, Dissolved Oxygen

Sample Collection Requirements
(If Required at this Location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs

Notes: * TURBIDITY METER NOT WORKING

C-4

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
 Project Number: 7311-03
 Sample Location ID: C4-02 MWXCVXXVIXY
 Time: Start: 1/25 End: 1/40

Date: 1/25/94
 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 14.10 Ft. Measured Historical Top of Well Well Riser Stick-up Ft. Protective Casing/Well Difference Ft.
 Top of Protective Casing (from ground) Protective Casing Ft.

Depth to Water 8.90 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column 5.2 Ft. X .16 Gal/Ft. (2 in.) .65 Gal/Ft. (4 in.) = 1.83 Gal/Vol Well Integrity: Prot. Casing Secure Yes No Concrete Collar Intact Other Total Gal Purged 2.49

Equipment Documentation

Purging/Sampling Equipment Used:

(<input checked="" type="checkbox"/> If Used For)			
Purging	Sampling		Equipment ID
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Penstaltic Pump
<input type="checkbox"/>	<input type="checkbox"/>		Submersible Pump
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Bailer
<input type="checkbox"/>	<input type="checkbox"/>		PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>		Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>		Airlift
<input type="checkbox"/>	<input type="checkbox"/>		Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>		In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>		Press/Vac Filter

Decontamination Fluids Used:

(All That Apply at Location)

Methanol (100%)
 25% Methanol/75% ASTM Type II water
 Deionized Water
 Liquinox Solution
 Hexane
 HNO₃/D.I. Water Solution
 Potable Water
 None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line Turbid Clear Cloudy
 4th Container Colored Ooer

Purge Data	@ .83 Gal.	@ 1.66 Gal.	@ 2.49 Gal.	@ Gal.	@ Gal.
Temperature, Deg. C	<u>4.5</u>	<u>8.1</u>	<u>8.3</u>	 	
pH, units	<u>7.49</u>	<u>7.46</u>	<u>7.52</u>	 	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>260</u>	<u>176.1</u>	<u>283</u>	 	
Oxidation - Reduction, +/- mv				 	
Dissolved Oxygen, ppm				 	
<u>TURBIDITY</u>				 	

Sample Collection Requirements
 If Required at this Location

Analytical Parameter	<input checked="" type="checkbox"/> If Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
<u>CO₂</u>		<u>400</u>	<u>0.40 mL</u>	<input checked="" type="checkbox"/>	/ / / /
<u>SEMI-MASS</u>		<u>W.C.</u>	<u>(2) 1.2</u>	<input checked="" type="checkbox"/>	/ / / /
<u>AMMONIA</u>		<u>HNO₃</u>	<u>(1) 10.0</u>	<input checked="" type="checkbox"/>	/ / / /
<u>CADMIUM</u>		<u>NH₄OH</u>	<u>(1) 10.0</u>	<input checked="" type="checkbox"/>	/ / / /
					/ / / /
					/ / / /
					/ / / /
					/ / / /

Notes: ** TURBIDITY METER NOT WORKING - VOLUNTARILY SAMPLED w/ BAILER

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: 0110
 Project Number: 7311-03 ~~01BXX3XXXXIXX~~ W.B. Date: 1-25-94
 Sample Location ID: 01BXX3XXXXIXX N.B.
 Time: Start: 1045 End: 1130 Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth: 13.5 Ft. Measured Top of Well: _____ Ft.
 _____ Historical Top of Protective Casing: _____ Ft.
 Well Riser Stick-up: _____ Ft. Protective Casing/Well Difference: _____ Ft.
 Depth to Water: 7.7 Ft. Well Material: _____ Well Locked?: Yes No Well Dia. 3 inch
 _____ PVC _____ 2 inch _____ 4 inch _____ 6 inch Water Level Equip. Used:
 _____ SS _____ Press/Vac Filter _____ Elect. Conc. Probe _____ Float Activated _____ Press. Transducer _____
 Height of Water Column: 5.8 Ft. X 2.2 Gal/Ft (2 in.) = 4.4 Total Gal Purged Well Integrity: Yes No
 _____ X 1.5 Gal/Ft (6 in.) _____ Concrete Collar Intact _____
 _____ X _____ Gal/Ft (____ in.) _____ Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)
 Purging: Sampling:
 Penstaltic Pump _____ Equipment ID _____
 Submersible Pump _____
 Bailor _____
 PVC/Silicon Tubing _____
 Teflon/Silicon Tubing _____
 Airlift _____
 Hand Pump _____
 In-line Filter _____
 Press/Vac Filter _____

Decontamination Fluids Used: (✓ All That Apply at Location)
 _____ Methanol (100%)
 25% Methanol/75% ASTM Type II water
 _____ Deionized Water
 Liquinox Solution
 _____ Hexane
 _____ HNO₃/D.I. Water Solution
 _____ Potable Water
 _____ None

Field Analysis Data

Ambient Air VOC _____ ppm Well Mouth _____ ppm Field Data Collected: In-line Turbid Clear Cloudy
 In Container Colored Odor

Purge Data	@ 0.92 Gal.	@ 1.8 Gal.	@ _____ Gal.	@ _____ Gal.	@ _____ Gal.
Temperature, Deg. C	<u>3.6</u>	<u>6.9</u>	_____	_____	_____
pH, units	<u>9.12</u>	<u>9.48</u>	_____	_____	_____
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	_____	_____	NA	NA	NA
Oxidation-Reduction, +/- mv	_____	_____	_____	_____	_____
Dissolved Oxygen, ppm	_____	_____	_____	_____	_____
<u>Turbidity</u>	<u>3.0</u>	<u>3.0</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
VDA	<input type="checkbox"/>	<u>4 DEG C</u>	<u>40ML X 2</u>	<input checked="" type="checkbox"/>	/ / / / /
SVA	<input type="checkbox"/>	<u>4 DEG C</u>	<u>11.65 X 2</u>	<input checked="" type="checkbox"/>	/ / / / /
CHLORIDE	<input type="checkbox"/>	<u>NDH</u>	<u>SD</u>	<input checked="" type="checkbox"/>	/ / / / /
INORG	<input type="checkbox"/>	<u>NDH</u>	<u>SD</u>	<input checked="" type="checkbox"/>	/ / / / /
PEST/PCB	<input type="checkbox"/>	<u>4 DEG C</u>	<u>11.65 X 2</u>	<input checked="" type="checkbox"/>	/ / / / /

Notes: PURGED WELL DRY AFTER 2 WELL VOLUMES.
COND PROBE IS NO LONGER FUNCTIONING
* COLLECT DSP, MS/MSD

E-1

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: Olin
 Project Number: 7311-03 Date: 1.27.94
 Sample Location ID: 01MWXE1XXXXXX
 Time: Start: 7:30 End: 3:00 Signature of Sampler: Douglas B. Steen

Water Level/Well Data

Well Depth 8.3 Ft. Measured Top of Well Well Riser Stick-up _____ Ft. Protective _____ Ft.
 Historical Top of Protective Casing (from ground) Casing/Well Difference
 Depth to Water _____ Ft. Well Material: PVC Well Locked?: Yes No Well Dia. 2 inch Water Level Equip. Used:
 SS 4 inch 6 inch Elect. Cond. Probe
 _____ _____ _____ Float Activated
 _____ _____ _____ Press. Transducer

Height of Water Column _____ Ft. X .16 Gal/Ft. (2 in.) = [_____ Gal/Vol NA Well Integrity: Yes No
 .65 Gal/Ft. (4 in.) = _____ Total Gal Purged Prot. Casing Secure _____
 1.5 Gal/Ft. (6 in.) = _____ Concrete Collar Intact _____
 _____ Gal/Ft. (____ in.) = _____ Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)
 Purging _____ Sampling _____
 Penstatic Pump _____ Equipment ID _____
 Submersible Pump _____
 Bailer _____ NA
 PVC/Silicon Tubing _____
 Teflon/Silicon Tubing _____
 Airlift _____
 Hand Pump _____
 In-line Filter _____
 Press/Vac Filter _____

Decontamination Fluids Used: (✓ All That Apply at Location)
 Methanol (100%) _____
 25% Methanol/75% ASTM Type II water _____
 Deionized Water _____
 Liquinox Solution _____
 Hexane _____
 HNO₃/D.I. Water Solution _____
 Potable Water _____
 None _____

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy
 Colored Odor

Purge Data	Gal.	Gal.	Gal.	Gal.	Gal.
Temperature, Deg. C	<u>6.0</u>				
pH, units	<u>9.7</u>				
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>557</u>				
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					

Sample Collection Requirements
(✓ if required at this location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VofA</u>		<u>4 DECL</u>	<u>40ml VofA x 2</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>SUA</u>		<u>4 DECL</u>	<u>60ml x 2</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>Cyanide</u>		<u>NAOH</u>	<u>50ml</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>WofA</u>		<u>4 DECL</u>	<u>50ml</u>	<input checked="" type="checkbox"/>	/ / / / /
					/ / / / /
					/ / / / /
					/ / / / /
					/ / / / /

Notes: PUMPING WELL, DID NOT PURGE

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
 Project Number: 7311-03
 Sample Location ID: E2-01MWXGZXXXIXX
 Time: Start: 1230 End: 1300

Site: OLIN MONITORING WELL E-2
 Date: 1/24/98
 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 13.00 Ft. Measured Top of Well Well Riser Stick-up Ft. Protective Ft.
 Historical Top of Protective Casing (from ground) Casing/Well Difference

Depth to Water 6.60 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used:
 Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X 1.6 Gal/Ft. (2 in.) .65 Gal/Ft. (4 in.) = 1.02 Gal/Vol Well Integrity: Yes No
6.40 Ft. 1.5 Gal/Ft. (6 in.) 3.07 Total Gal Purged Concrete Collar Intact Other

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment	Equipment ID
<input type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump	_____
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump	_____
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer	_____
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	_____
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	_____
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	_____
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	_____
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	_____
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	_____

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Turbid Clear Cloudy
 Colored Odor

Purge Data	1.02 Gal.	2.04 Gal.	Gal.	Gal.	Gal.
Temperature, Deg. C	<u>6.8</u>	<u>7.2</u>	/	/	/
pH, units	<u>7.33</u>	<u>7.39</u>	/	/	/
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>519</u>	<u>508</u>	/	/	/
Oxidation - Reduction, +/- mv			/	/	/
Dissolved Oxygen, ppm			/	/	/
<u>TURBIDITY</u>	<u>2200 NTU's</u>	<u>2200 NTU's</u>			

Sample Collection Requirements
 (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOAs</u>		<u>4°C</u>	<u>(2) 40 mL</u>	<input checked="" type="checkbox"/>	/ / / /
<u>SemiVOAs</u>		<u>4°C</u>	<u>(2) 1 L</u>	<input checked="" type="checkbox"/>	/ / / /
<u>INORGANICS</u>		<u>HNO₃</u>	<u>(2) 16 OZ.</u>	<input checked="" type="checkbox"/>	/ / / /
<u>ANIONS</u>		<u>NaOH</u>	<u>(2) 16 OZ.</u>	<input checked="" type="checkbox"/>	/ / / /
					/ / / /
					/ / / /
					/ / / /
					/ / / /

Notes: WELL DRY AFTER PURGING 2 GALLONS

E-3

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
Project Number: 7311-03
Sample Location ID: B3-1M-XXXXXXIXX
Time: Start: 8/17 End: 8/20

Site: OLIN MONITORING WELL E-3
Date: 11/25/94
Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 11.90 Ft. Measured [X] Historical []
Top of Well [] Top of Protective Casing [X]
Well Riser Stick-up [] Ft. (from ground)
Protective [] Ft. Casing/Well Difference
Depth to Water 5.10 Ft. Well Material: PVC [] SS [X]
Well Locked?: Yes [] No [X]
Well Dia. 2 inch [X] 4 inch [] 6 inch []
Water Level Equip. Used: [] Elect. Cond. Probe [] Float Activated [] Press. Transducer []
Height of Water Column 6.80 Ft. X 16 Gal/Ft (2 in.) = 1.10 Gal/Vol
.65 Gal/Ft (4 in.) =
1.5 Gal/Ft (6 in.) =
3.31 Total Gal Purged
Well Integrity: Pro: Casing Secure [X] Concrete Collar Intact [] Other []

Equipment Documentation

Purging/Sampling Equipment Used:
(If Used For) Purging [X] Sampling [X]
Penstaltic Pump [] Equipment ID []
Submersible Pump []
Bailer []
PVC/Silicon Tubing [X]
Teflon/Silicon Tubing []
Airlift []
Hand Pump []
In-line Filter []
Press/Vac Filter []
Decontamination Fluids Used:
(All That Apply at Location)
Methanol (100%) []
25% Methanol/75% ASTM Type II water []
Deionized Water [X]
Liquinox Solution [X]
Hexane []
HNO3/D.I. Water Solution []
Potable Water []
None []

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line [] In Container [X]
Sample Observations: Turbid [] Clear [X] Cloudy [] Colored [] Odor []
Purge Data @ 1.10 Gal. @ 2.20 Gal. @ 3.31 Gal. @ [] Gal. @ [] Gal.
Temperature, Deg. C 4.4 4.5 3.1
pH, units 6.49 6.75 7.05
Specific Conductivity (umhos/cm. @ 25 Deg. C.) 447 452 450
Oxidation - Reduction, +/- mv
Dissolved Oxygen, ppm
TURBIDITY **

Sample Collection Requirements (If Required at this Location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs.
Rows include: VOCs (4°C, 2x40mL), SAMPLES (4°C, 2x1L), INDEPENDENT (HNO3, 2x1400), CYANIDE (HNO3, 1x1600), PESTICIDES (4°C, 2x1L)

Notes: * PERISTALTIC PUMP USED TO COLLECT ALL SAMPLES EXCEPT VOCs. PVC TUBING USED TO COLLECT VOC SAMPLES SINCE 1" BAILER COULD NOT BE USED IN WELL.
** TURBIDITY METER NOT FUNCTIONING

E-4

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
 Project Number: 7311-03
 Sample Location ID: EH-01MXXEYXXXXXX
 Time: Start: 0925 End: 1020

Site: AIM MONITORING WELL E-4
 Date: 12/1/94
 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 13.20 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up Ft. (from ground) Protective Ft. Casing/Well Difference

Protective Ft. Casing

Depth to Water 7.30 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X .16 Gal/Ft (2 in.) .65 Gal/Ft (4 in.) 1.5 Gal/Ft (6 in.) Gal/Ft (in.) = Gal/Vol

5.90 Ft. Total Gal Purged 2.02

Well Integrity: Prot. Casing Secure Yes No Concrete Collar Intact Other

Equipment Documentation

Purging/Sampling Equipment Used:

(<input checked="" type="checkbox"/> If Used For)	Purging	Sampling	Equipment ID
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bailer
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used:

(All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Turbid Clear Cloudy Colored Odor

Purge Data	Gal.	Gal.	Gal.	Gal.	Gal.
Temperature, Deg. C	<u>6.6</u>	/	/	/	/
pH, units	<u>7.65</u>	/	/	/	/
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>146</u>	/	/	/	/
Oxidation - Reduction, +/- mv		/	/	/	/
Dissolved Oxygen, ppm	<u>2.200 NTUS</u>	/	/	/	/

Sample Collection Requirements (If Required at this Location)

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
WAs		<u>4°C</u>	<u>(2) 400ml</u>	<input checked="" type="checkbox"/>	/ / / /
SEMIVOLAT		<u>4°C</u>	<u>(2) 1L</u>	<input checked="" type="checkbox"/>	/ / / /
INORGANICS		<u>HNO₃</u>	<u>(2) 160ml</u>	<input checked="" type="checkbox"/>	/ / / /
CYANIDE		<u>NADH</u>	<u>(2) 160ml</u>	<input checked="" type="checkbox"/>	/ / / /
					/ / / /
					/ / / /
					/ / / /
					/ / / /

Notes: WELL PURGED DRY AFTER 1.5 GALLONS

EC-1

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Oiln Rochester RI/FS
 Project Number: 7311-03
 Sample Location ID: 01M0X6XXIXIX
 Time: Start: 1057 End: 1120

Site: RES MONITORING WELL EC-1
 Date: 1/24/94
 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 21.10 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up Ft. (from ground) Protective Ft. Casing/Well Difference

Protective Ft. Casing

Depth to Water 18.64 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch

Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column 2.5 Ft. X .16 Gal/Ft (2 in.) .65 Gal/Ft (4 in.) 1.5 Gal/Ft (6 in.) Gal/Ft (in.) = 0.4 Gal/Vol Total Gal Purged 1.2

Well Integrity: Prot. Casing Secure Yes No Concrete Collar Intact Other

Equipment Documentation

Purging/Sampling Equipment Used:

(<input checked="" type="checkbox"/> If Used For)	Purging	Sampling	Equipment ID
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bailer
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used:

(All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liqinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Turbid Clear Cloudy Colored Odor

Purge Data	0.4 Gal.	0.8 Gal.	1.2 Gal.	 Gal.	 Gal.
Temperature, Deg. C	<u>8.3</u>	<u>8.6</u>	<u>8.4</u>	 	
pH, units	<u>6.92</u>	<u>6.93</u>	<u>6.96</u>	 	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>453</u>	<u>417</u>	<u>402</u>	 	
Oxidation - Reduction, +/- mv	<u> </u>	<u> </u>	<u> </u>	 	
Dissolved Oxygen, ppm	<u> </u>	<u> </u>	<u> </u>	 	
<u>TURBIDITY</u>	<u>12 NTU'S</u>	<u>5 NTU'S</u>	<u>5 NTU'S</u>	 	

Sample Collection Requirements (If Required at this Location)

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
<u>NO₃</u>	<input type="checkbox"/>	<u>70C</u>	<u>(2) 40 ml</u>	<input checked="" type="checkbox"/>	<u> </u> / <u> </u> / <u> </u> / <u> </u>
<u>SEM/NO₃</u>	<input type="checkbox"/>	<u>CPC</u>	<u>(2) 2 L</u>	<input checked="" type="checkbox"/>	<u> </u> / <u> </u> / <u> </u> / <u> </u>
<u>INORGANIC PHS</u>	<input type="checkbox"/>	<u>HNO₃</u>	<u>(1) 16 oz.</u>	<input checked="" type="checkbox"/>	<u> </u> / <u> </u> / <u> </u> / <u> </u>
<u>CYANIDE</u>	<input type="checkbox"/>	<u>NADH</u>	<u>(1) 16 oz.</u>	<input checked="" type="checkbox"/>	<u> </u> / <u> </u> / <u> </u> / <u> </u>
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	

Notes:

MW-2

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RVFS Site: 1/12/11 TR
 Project Number: 7311-03 Date: 1/19/94
 Sample Location ID: 01 MW X 2 XXX 1 XX
 Time: Start: 1157 End: 1345 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth: 14.00' Measured Top of Well Well Riser Stock 0 Ft. Protective 0 Ft.
 Historical Top of Protective Casing (from ground) Casing/Well Difference
 Depth to Water 6.71' Ft. Well Material: PVC Well Locked?: Yes No Well Dia. 2 in. Protective 0 Ft. Casing
 SS No 4 in. 6 in. Elect. Cond. Probe
 Height of Water Column: 1.5 Gal/Ft. (2 in.) = 1.17 Gal/ft. Well Integrity: Yes No
 1.5 Gal/Ft. (4 in.) = 3.5 Total Gal Purged Prot. Casing Secure Float Activated
 1.5 Gal/Ft. (6 in.) Concrete Collar Intact Press. Transducer

Equipment Documentation

Purging/Sampling Equipment Used: Decontamination Fluids Used:

<input checked="" type="checkbox"/> Purging	<input checked="" type="checkbox"/> Sampling	Penstalo Pump	Equipment ID	<input type="checkbox"/> Methanol (100%)
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/> 25% Methanol/75% ASTM Type II water
<input type="checkbox"/>	<input type="checkbox"/>	Baller		<input checked="" type="checkbox"/> Deionized Water
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing		<input checked="" type="checkbox"/> Laundry Solution
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing		<input type="checkbox"/> Hexane
<input type="checkbox"/>	<input type="checkbox"/>	Airline		<input type="checkbox"/> HNO ₃ Dil. Water Solution
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump		<input type="checkbox"/> Potable Water
<input type="checkbox"/>	<input type="checkbox"/>	Inline Filter		<input type="checkbox"/> None
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter		

All That Apply at Location

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected: In Container In Well

Sample Observations: Turbid Greasy Cloudy Colored Odor

Purge Data	<u>1.17</u> Gal	<u>0</u> Gal	<u>0</u> Gal	<u>0</u> Gal	<u>0</u> Gal
Temperature, Deg. C	<u>7.9</u>				
pH, units	<u>7.10</u>				
Specific Conductivity (umhos/cm @ 25 Deg. C.)	<u>460</u>				
Oxidation-Reduction (mv)					
Dissolved Oxygen, ppm					

2200 NPL'S

Sample Collection Requirements
 If Required at this Location

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservative Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
<u>VFA</u>		<u>4°C</u>	<u>2x40 mL</u>	<input checked="" type="checkbox"/>	
<u>ANIONIC SURFACTANTS</u>		<u>4°C</u>	<u>2x40 mL</u>	<input checked="" type="checkbox"/>	
<u>AMMONIA</u>		<u>NADP</u>	<u>1L</u>	<input checked="" type="checkbox"/>	
<u>NITRATES</u>		<u>HNO₃</u>	<u>1L</u>	<input checked="" type="checkbox"/>	

Notes: PURGED DRY AFTER 1.17 GALLONS

MW-3

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RVFS Site: MARK IV
 Project Number: 7319-03 Date: 1/19/94
 Sample Location ID: 07mWXX3XXXIXX
 Time: Start: 1410 End: 1430 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth: 12.90 Ft. Measured Historical Top of Well Top of Protective Casing
 Well Riser Stand-off (from ground): Ft. Protective Casing/Well Difference: Ft.
 Depth to Water: 7.35 Ft. Well Material: PVC SS Well Cased?: Yes No Well Dia: 2 in. 4 in. 6 in. Well Level Equip. Used: Elect. Cond. Probe Fibra. Acoustic Press. Transducer
 Height of Water Column: 5.55 Ft. 1.5 Gal/Ft. (2 in.) .85 Gal/Ft. (4 in.) 1.5 Gal/Ft. (6 in.) Gal/Ft. (in.) = 0.89 Gal/ft. 2.67 Total Gal Purged
 Well Integrity: Prot. Casing Secure Concrete Collar Intact Other Yes No

Equipment Documentation

Purging/Sampling Equipment Used: Decontamination Fluids Used:

✓ If Used For:	Equipment ID	✓ All That Apply at Location:
Purging	Peristaltic Pump	Methano. (100%)
Sampling	Submersible Pump	25% Methano./75% ASTM Type II water
	Boiler	Deionized Water
	PVC/Silicon Tubing	Liquinox Solution
	Teflon/Silicon Tubing	hexane
	Airline	HNO ₃ Dil. Water Solution
	Hand Pump	Potable Water
	In-line Filter	None
	Press/Vac Filter	

Field Analysis Data

Ambient Air VOC: 0 ppm Well Mouth: 0 ppm Field Data Collected: in in Container Turbid Clear Cloudy Colored Opaque

Purge Data	0.89 Gal	1.78 Gal	2.67 Gal	Gal	Gal
Temperature, Deg. C	<u>8.2</u>	<u>8.9</u>	<u>7.9</u>		
pH, units	<u>7.13</u>	<u>7.03</u>	<u>6.75</u>		
Specific Conductivity (umhos/cm @ 25 Deg. C.)	<u>326</u>	<u>325</u>	<u>325</u>		
Oxidation-Reduction, mv					
Dissolved Oxygen, ppm	<u>3.50</u>	<u>3.20</u>	<u>3.20</u>		

Sample Collection Requirements (✓ If required at this location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle ID's
<u>VFA</u>		<u>4°C</u>	<u>2 x 40 ml</u>	<input checked="" type="checkbox"/>	
<u>SUA</u>		<u>4°C</u>	<u>2 x 1 L</u>	<input checked="" type="checkbox"/>	
<u>AMMONIA</u>		<u>NACD</u>	<u>1 L</u>	<input checked="" type="checkbox"/>	
<u>AMMONIUM</u>		<u>AMU3</u>	<u>1 L</u>	<input checked="" type="checkbox"/>	

Notes: _____

MW-103

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: KODAK
 Project Number: 7311-03 Date: 1-20-94
 Sample Location ID: 01MW103 XXXX IXV
 Time: Start: 1330 End: 1430 Signature of Sampler: Douglas B. Stewart

Water Level/Well Data

Well Depth: 8.0 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Storage: _____ Ft. (from ground); Protective Casing/Well Diameter: FLUSH Ft.

Depth to Water: 3.98: Well Material: PVC SS Other _____ Well Cased?: Yes No Well Dia.: 2 inch 4 inch 6 inch

Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column: _____ Ft. X _____ Ga/Ft. (2 in.) _____ Ga/Ft. (4 in.) _____ Ga/Ft. (6 in.) _____ Ga/Ft. (in.)

Well Integrity: Prot. Casing Secure Concrete Collar Intact Other _____ Yes _____ No

Total Gal Purged: _____

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)	Purging	Sampling	Equipment ID
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Penstabilic Pump
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Submersible Pump
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Boiler
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PVC/Silicon Tubing
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Teflon/Silicon Tubing
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Airlift
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hand Pump
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	In-line Filter
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used:

(✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC: 0 ppm Well Mouth: 80 ppm Field Data Collected: In-line In Container

Sample Observations: Turbid Clear Cloudy Colored Oily

Purge Data	0.64 Gal.	_____ Gal.	_____ Gal.	_____ Gal.	_____ Gal.
Temperature, Deg. C	<u>6.1</u>	_____	_____	_____	_____
pH, units	<u>7.64</u>	_____	_____	_____	_____
Specific Conductivity (umhos/cm @ 25 Deg. C.)	<u>2700 NB</u>	_____	_____	_____	_____
Oxidation-Reduction (mv)	_____	_____	_____	_____	_____
Dissolved Oxygen, ppm	<u>TURBIDITY</u>	_____	_____	_____	_____

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
VOL	<input type="checkbox"/>	<u>4 DEG C</u>	<u>2x40ml</u>	<input checked="" type="checkbox"/>	
SVOC	<input type="checkbox"/>	<u>4 DEG C</u>	<u>2x40ml</u>	<input checked="" type="checkbox"/>	
CYANIDE	<input type="checkbox"/>	<u>NAOH</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	
INORG.	<input type="checkbox"/>	<u>HNO₃</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	

Notes: MW103 PURGED DRY AFTER 1 WELL VOLUME
CONDUCTIVITY MEASUREMENT 2700 MC+ 27. NB
3/1/94

MW-104

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: PL&E MONITORING WELL MW-104
 Project Number: 7311-03 Date: 1/26/94
 Sample Location ID: 01MW104XXXXXX
 Time: Start: 0817 End: 0845 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 19.10 Ft. Measured Historical Top of Well Well Riser Stick-up Ft. (from ground) Protective Ft. Casing/Well Difference

Too of Protective Casing

Depth to Water 13.00 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Conc. Probe Float Activated Press. Transducer

Height of Water Column X 16 Gal/Ft. (2 in.) 65 Gal/Ft. (4 in.) 1.5 Gal/Ft. (6 in.) Gal/Ft. (in.) = 0.98 Gal/Wol Total Gal Purged 2.94

Well Integrity: Prot. Casing Secure Concrete Collar Intact Other Yes No

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment ID
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Turbid Clear Cloudy Colored Odor

Purge Data	0.98 Gal.	1.96 Gal.	2.94 Gal.	3.92 Gal.	4.90 Gal.
Temperature, Deg. C	8.2	9.2	9.0	8.5	6.3
pH, units	6.89	6.91	6.95	6.92	7.05
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	322	348	350	382	315
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm	2.20	2.20	6.5	1.35	5.8

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>CO₂</u>	<input type="checkbox"/>	<u>400</u>	<u>(2) 40 mL</u>	<input checked="" type="checkbox"/>	/ / /
<u>SEMELCA</u>	<input type="checkbox"/>	<u>400</u>	<u>(2) 40 mL</u>	<input checked="" type="checkbox"/>	/ / /
<u>INORGANIC</u>	<input type="checkbox"/>	<u>HNO₃</u>	<u>(2) 100 mL</u>	<input checked="" type="checkbox"/>	/ / /
<u>CYANIDE</u>	<input type="checkbox"/>	<u>NH₄OH</u>	<u>(2) 100 mL</u>	<input checked="" type="checkbox"/>	/ / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / /

Notes: _____

MW-106

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OUU AID TO HOSPITAL
 Project Number: 7311-03 Date: 2.2.94
 Sample Location ID: 01MW106XXXXXX
 Time: Start: 1630 End: 1700 Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth 19.7 Ft. Measured Historical
 Top of Well Top of Protective Casing
 Well Riser Stick-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference
 Protective _____ Ft. Casing
 Depth to Water 17.25 Ft. Well Material: PVC Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used:
 Elect. Cond. Prob. Float Activated Press. Transducer
 Height of Water Column X .16 Gal/Ft (2 in.) = 1.2 Gal/Vol Well Integrity: Yes No
 .65 Gal/Ft (4 in.) 1.5 Gal/Ft (6 in.) Gal/Ft (___ in.) 3.6 Total Gal Purged Prot. Casing Secure Concrete Collar Intact Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)
 Purging: Sampling:
 Peristaltic Pump Equipment ID _____
 Submersible Pump _____
 Bailor _____
 PVC/Silicon Tubing _____
 Teflon/Silicon Tubing _____
 Airlift _____
 Hand Pump _____
 In-line Filter _____
 Press/Vac Filter _____

Decontamination Fluids Used: (✓ All That Apply at Location)
 Methanol (100%)
 25% Methanol/75% ASTM Type II water
 Deionized Water
 Liquinox Solution
 Hexane
 HNO₃/D.I. Water Solution
 Potable Water
 None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected _____ In-line _____ Turbid _____ Clear Cloudy
 _____ In Container _____ Colored _____ Odor _____

Purge Data	1.2 Gal.	2.4 Gal.	3.6 Gal.	Gal.	Gal.
Temperature, Deg. C	<u>8.6</u>	<u>9.0</u>	<u>8.6</u>		
pH, units	<u>8.4</u>	<u>8.4</u>	<u>8.4</u>		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>389</u>	<u>819</u>	<u>817</u>		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
<u>TURBIDITY</u>					

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOA</u>		<u>4 DEGC</u>	<u>40 ml VZ</u>	<input checked="" type="checkbox"/>	
<u>SVOA</u>		<u>4 DEGC</u>	<u>200 ml</u>	<input checked="" type="checkbox"/>	
<u>NO3</u>		<u>NO3</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	
<u>AMMONIA</u>		<u>NACU</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	
Notes:					

MW-107

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester R/FS
 Project Number: 7311-03
 Sample Location ID: 01 MW 107 XXXV, XX
 Time: Start: 9:30 End: 10:30

Site: F. RIVON
 Date: 1-21-94

Signature of Sampler: Douglas B. Stewart

Water Level/Well Data

Well Depth 16.0 Ft: Measured Historical
 Well Riser Stock FLUSH Ft (from ground): FLUSH Ft. Protective Casing/Well Difference
 Depth to Water 11.8 Ft: 11.8 Ft. Well Material: PVC SS
 Well Cased?: Yes No
 Well Dia. 2 inch 4 inch 6 inch
 Water Level Equip. Used: Elect. Conc. Probe Float Activated Press. Transducer
 Height of Water Column: X 1.6 Gal/Ft (2 in.) = 0.81 Gal/Vol
 6.5 Gal/Ft (4 in.) = 0.81 Total Gal Purged
 1.5 Gal/Ft (6 in.)
 Gal/Ft (in.)
 Well Integrity: Prot. Casing Secure Yes No
 Concrete Collar Intact
 Other

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)	Purging	Sampling	Equipment ID
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Peristaltic Pump
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Submersible Pump
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Boiler
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		PVC/Silicon Tubing
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Teflon/Silicon Tubing
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Airlift
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Hand Pump
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		In-line Filter
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Press/Vac Filter

Decontamination Fluids Used:

(✓ All That Apply at Location)	Fluid
<input type="checkbox"/>	Methanol (100%)
<input type="checkbox"/>	25% Methanol/75% ASTM Type I water
<input checked="" type="checkbox"/>	Deionized Water
<input type="checkbox"/>	Liquinox Solvent
<input type="checkbox"/>	Hexane
<input type="checkbox"/>	HNO ₃ /D.I. Water Solvent
<input type="checkbox"/>	Potable Water
<input type="checkbox"/>	None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected: In-line In Container

Sample Observations: Turbid Clear Cloudy
 Colored Odor

Purge Data	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
Temperature, Deg. C	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH, units	6.90	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductivity (umhos/cm, @ 25 Deg. C.)	254	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation-Reduction, mv										
Dissolved Oxygen, ppm										
Turbidity	> 100	NA	NA	NA	NA	NA	NA	NA	NA	NA

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
VOC		4 DEG C	2x40ml	✓	
SVDA		4 DEG C	2x110ml	✓	
INOP		NA	500ml	✓	
CYANIDE		NA	500ml	✓	
Notes:	PURGED DRY AFTER 1 GALLON. Temperature				
	probe malfunctioning. NB - 3/1/94				

MW-108

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: E. RIXON / OWS
Project Number: 7311-03 Date: 2.1.99
Sample Location ID: MW-108
Time: Start: End: 1345 Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth 20.1 Ft Measured Top of Well Well Riser Stick-up Ft Protective Ft Casing/Well Difference
Depth to Water 19.99 Ft Well Material: PVC Well Locked?: Yes Well Dia. 2 inch Water Level Equip. Used:
Height of Water Column X .16 Gal/Ft (2 in.) = Gal/Vol Well Integrity: Yes No
.65 Gal/Ft (4 in.) = Total Gal Purged Prot. Casing Secure Concrete Collar Intact Other

Equipment Documentation

Purging/Sampling Equipment Used: (Check if Used For) Purging Sampling Equipment ID
Peristaltic Pump
Submersible Pump
Bailer
PVC/Silicon Tubing
Teflon/Silicon Tubing
Airlift
Hand Pump
In-line Filter
Press/Vac Filter
Decontamination Fluids Used: (Check All That Apply at Location)
Methanol (100%)
25% Methanol/75% ASTM Type II water
Deionized Water
Liquinox Solution
Hexane
HNO3/D.I. Water Solution
Potable Water
None

Field Analysis Data

Ambient Air VOC ppm Well Mouth ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor
Purge Data Gal Gal Gal Gal Gal
Temperature, Deg. C
pH, units
Specific Conductivity (umhos/cm. @ 25 Deg. C.)
Oxidation - Reduction, +/- mv
Dissolved Oxygen, ppm

Sample Collection Requirements (Check if Required at this Location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs. Includes handwritten entry for VOC.

Notes: PURGED DRY W/ BAILER AFTER 1 WELL VOL. ONE VOL UAL COLLECTED 2.2.99 @ 1345, ONE COLLECTED 2.3.99 @ 1000. UNABLE TO COLLECT SWR, INCONCNS, CHANGE DUE TO CRACK OF WELLS.

MW-66

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: GRIFFITH
 Project Number: 7311-03 Date: 1.18.94
 Sample Location ID: 01MwXGXXXXXY
 Time: Start: 16:15 End: 0950 Signature of Sampler: D. J. ROBERTSON
1.18.94 1.19.94

Water Level/Well Data

Well Depth 0.5 Ft. Measured Too of Well Well Riser Stick-up Ft. Protective Ft.
 Historical Too of Protective Casing (from ground) Casing/Well Difference

Depth to Water 6.5 Ft. Well Material: PVC Well Locked?: Yes Well Dia. 2 inch Water Level Equip. Used:
 SS No 4 inch 6 inch Elect. Cond. Probe
 Gal/Ft. (in.) Gal/Ft. (in.) Gal/Ft. (in.) Gal/Ft. (in.) Float Activated
 Gal/Ft. (in.) Gal/Ft. (in.) Gal/Ft. (in.) Gal/Ft. (in.) Press. Transducer

Height of Water Column X 4.0 Ft. .16 Gal/Ft. (2 in.) = 0.64 Gal/Wol Well Integrity: Yes No
 .65 Gal/Ft. (4 in.) 1.5 Gal/Ft. (6 in.) Gal/Ft. (in.) Total Gal Purged 1.92 Prot. Casing Secure
 Gal/Ft. (in.) Gal/Ft. (in.) Gal/Ft. (in.) Gal/Ft. (in.) Concrete Collar Intact
 Gal/Ft. (in.) Gal/Ft. (in.) Gal/Ft. (in.) Gal/Ft. (in.) Other

Equipment Documentation

Purgine/Sampling Equipment Used: **Decontamination Fluids Used:**

(If Used For)

Purging	Sampling	Penstatic Pump	Equipment ID	(<input checked="" type="checkbox"/> All That Appv at Location)
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/> Methanol (100%)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer		<input type="checkbox"/> 25% Methanol/75% ASTM Type II water
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing		<input checked="" type="checkbox"/> Deionized Water
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing		<input type="checkbox"/> Liquinox Solution
<input type="checkbox"/>	<input type="checkbox"/>	Airlift		<input type="checkbox"/> Hexane
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump		<input type="checkbox"/> HNO ₃ /D.I. Water Solution
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter		<input type="checkbox"/> Potable Water
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter		<input type="checkbox"/> None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy
 Colored Odor

Purge Data	0.64 Gal.	1.28 Gal.	1.92 Gal.		
Temperature, Deg. C	<u>1.8</u>	<u>3.4</u>	<u>2.2</u>		
pH, units	<u>7.45</u>	<u>7.4</u>	<u>7.43</u>		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>✓</u>	<u>*</u>	<u>✓</u>	<u>N/A</u>	<u>N/A</u>
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm	<u>7.200 NTU</u>	<u>7.200 NTU</u>	<u>7.200 NTU</u>		

Sample Collection Requirements
 If Required at this Location

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
<u>NCA</u>		<u>4 DIESEL</u>	<u>2 x 40ml</u>		
<u>SWA</u>		<u>4 DIESEL</u>	<u>2 x 16</u>		
<u>CYANIDE</u>		<u>DEION</u>	<u>16</u>		
<u>UREA</u>		<u>H₂O₂</u>	<u>16</u>		

Notes: * COND. PROB + TEMP. PROBE NOT WORKING PROPERLY DUE TO EXTREME COLD

MW-68

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RVFS Site: BRIFFITH
 Project Number: 7311-03 Date: 1.19.94
 Sample Location ID: 01MWXG8XXXXLXX
 Time: Start: 1405 End: 1045 Signature of Sampler: D. J. [Signature]
1.19.94 1.19.94

Water Level/Well Data

Well Depth 10.1 Ft: Measured Top of Well Well Riser Stocking Ft. Protective Ft.
 Historical Top of Protective Casing (from ground) Casing/Well Difference
 Casing
 Depth to Water 8.3 Ft: Well Material: PVC Well Logged?: Yes No Well Dia: 2 in 4 in 6 in Water Level Equip. Used:
 SS Float Conc. Probe
 Ga/Ft (2 in.) Ga/Ft (4 in.) Ga/Ft (6 in.) Ga/Ft (in.) Press. Transducer
 Height of Water Column: 1.8 Ft. X 0.3 Gal/Vol. Well Integrity: Yes No
 0.9 Total Gal Purged Prot. Casing Secure Concrete Collar Intact Other

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For) Purging: Sampling: Equipment ID: _____
 Penstaltic Pump _____
 Submersible Pump _____
 Bailer _____
 PVC/Silicon Tubing _____
 Teflon/Silicon Tubing _____
 Airlift _____
 Hand Pump _____
 In-line Filter _____
 Press/Vac Filter _____

Decontamination Fluids Used: (✓ All That Apply at Location)
 Methanol (100%)
 25% Methanol/75% ASTM Type II water
 Deionized Water
 Liquinox Solution
 Hexane
 HNO₃/Dist. Water Solution
 Potable Water
 None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected: In-line In Container
 Sample Observations: Turbid Clear Cloudy
 Colored Odor

Purge Data	@ 0.3 Gal.	@ 0.6 Gal.	@ 0.9 Gal.	@ _____ Gal.	@ _____ Gal.
Temperature, Deg. C	<u>1.7</u>				
pH, units	<u>7.21</u>				
Specific Conductivity (umhos/cm @ 25 Deg. C.)	<u>*</u>				
Oxidation-Reduction (mv)					
Dissolved Oxygen, ppm	<u>2.00 at 4's</u>				

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOL</u>		<u>4 DEGC</u>	<u>2 x 40 ml</u>		
<u>SVOC</u>		<u>4 DEGC</u>	<u>2 x 16</u>		
<u>CYANIDE</u>		<u>NAOH</u>	<u>1L</u>		
<u>ILSRG</u>		<u>ILSRG</u>	<u>1L</u>		

Notes: * COND BROR NOT FUNCTIONING DUE TO EXTREME COLD well purged dry after one casing volume - M.B. 3/11/94

MW-69

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: GRIFFITH
 Project Number: 7311-03 Date: 1-12-91
 Sample Location ID: 01M0XG9XXXXIXY
 Time: Start: 14:30 End: 15:10 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 17.2 Ft. Measured Historical Top of Well Well Riser Stock-up _____ Ft. Protective _____ Ft. Casing/Well Difference

Top of Protective Casing _____ Ft. Protective _____ Ft. Casing

Depth to Water 16.4 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X _____ Ft. .16 Gal/Ft (2 in.) .65 Gal/Ft (4 in.) 1.5 Gal/Ft (6 in.) Gal/Ft (____ in.) = 2.5 Gal/Vol. Well Integrity: Prot. Casing Secure Yes No Concrete Collar Intact Other _____

5.0 Total Gal Purged

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment ID
<input type="checkbox"/>	<input type="checkbox"/>	Penstatic Pump
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Submersible Pump
<input type="checkbox"/>	<input type="checkbox"/>	Bailey
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	② 2.5 Gal.	② 5.0 Gal.	② _____ Gal.	② _____ Gal.	② _____ Gal.
Temperature, Deg. C	<u>22</u>	<u>7.6</u>			
pH, units	<u>7.3</u>	<u>6.9</u>			
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>153</u>	<u>123</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
<u>70.2/174</u>	<u>7.0/174</u>	<u>7.0/174</u>			

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOL</u>	<input type="checkbox"/>	<u>4 DECC</u>	<u>2 x 40ml</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>SWTP</u>	<input type="checkbox"/>	<u>4 DECC</u>	<u>2 x 1L</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>CHLORIDE</u>	<input type="checkbox"/>	<u>NADH</u>	<u>1L</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>INORGANICS</u>	<input type="checkbox"/>	<u>HNO₃</u>	<u>1L</u>	<input checked="" type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /

Notes: REMOVED WELL DRY AFTER 5 GAL

N-1

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
Project Number: 7311-03
Sample Location ID: 02mu X N 1 XXXX 10X
Time: Start: 0830 End: 0836

Site: OLIN MONTECALI WELLS N-1
Date: 1/24/04
Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 12.10 Ft. Measured [checked]
Depth to Water 5.10 Ft. Well Material: PVC [checked]
Height of Water Column 7.00 Ft. Total Gal Purged 3.36

Equipment Documentation

Purgine/Sampling Equipment Used:
Decontamination Fluids Used:
(If Used For) Purging Sampling Equipment ID

Field Analysis Data

Table with 5 columns for Purge Data (1.12, 2.24, 3.36, 4.48, 5.60 Gal) and rows for Temperature, pH, Specific Conductivity, etc.

Sample Collection Requirements
(If Required at this Location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs

Notes: DUPLICATE COLLECTED FROM THIS WELL

N-2

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
 Project Number: 7311-03
 Sample Location ID: N2-01MWNZXXXTXX
 Time: Start: 1327 End: 1410

Site: CLIM MONITORING WELL N-2
 Date: 1/24/94
 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 17.70 Ft Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up Ft (from ground) Protective Ft Casing/Well Difference

Protective Ft Casing

Depth to Water 6.40 Ft Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch

Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X .16 Gal/Ft (2 in.) .65 Gal/Ft (4 in.) 1.5 Gal/Ft (6 in.) Gal/Ft (in.) = $\left[\begin{array}{l} 1.00 \\ 3.00 \end{array} \right.$ Gal/Vol Total Gal Purged

Well Integrity: Yes No
 Prot. Casing Secure
 Concrete Collar Intact
 Other

Equipment Documentation

Purging/Sampling Equipment Used:

(<input checked="" type="checkbox"/> If Used For)	Equipment ID
Purging <input type="checkbox"/> Sampling <input type="checkbox"/>	Penistatic Pump
<input type="checkbox"/> <input type="checkbox"/>	Submersible Pump
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Bailer
<input type="checkbox"/> <input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/> <input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/> <input type="checkbox"/>	Airlift
<input type="checkbox"/> <input type="checkbox"/>	Hand Pump
<input type="checkbox"/> <input type="checkbox"/>	In-line Filter
<input type="checkbox"/> <input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used:

(All That Apply at Location)

Methanol (100%)
 25% Methanol/75% ASTM Type II water
 Deionized Water
 Liquinox Solution
 Hexane
 HNO₃/D.I. Water Solution
 Potable Water
 None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 2.4 ppm Field Data Collected In-line In Container Colored Odor

Sample Observations: Turbid Clear Cloudy

Purge Data	@ 1.00 Gal.	@ 2.00 Gal.	@ 3.00 Gal.	@ 4.00 Gal.	@ 5.00 Gal.
Temperature, Deg. C	<u>2.5</u>	<u>1.7</u>	<u>1.3</u>	<u>2.2</u>	<u>3.3</u>
pH, units	<u>7.28</u>	<u>7.32</u>	<u>7.29</u>	<u>7.33</u>	<u>7.32</u>
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>526</u>	<u>472</u>	<u>639</u>	<u>639</u>	<u>640</u>
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm	<u>1.1</u>	<u>1.1</u>	<u>1.1</u>	<u>1.1</u>	<u>1.1</u>

720 NTU's

Sample Collection Requirements
 If Required at this Location)

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
<u>MS</u>		<u>4°C</u>	<u>(2) 40ml</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>SMP/0.45</u>		<u>4°C</u>	<u>(2) 1L</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>nickel/arsenic</u>		<u>HNO₃</u>	<u>(2) 16oz.</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>cadmium</u>		<u>N/A</u>	<u>(2) 16oz.</u>	<input checked="" type="checkbox"/>	/ / / / /
					/ / / / /
					/ / / / /
					/ / / / /

Notes: _____

N-3

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN MONITORING - WELL N-3
 Project Number: 7311-03 Date: 1/25/04
 Sample Location ID: N3-02" WLN3XXXX1X
 Time: Start: 1015 End: 1610 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 14.20 Ft. Measured Historical Top of Well Top of Protective Casing Well Riser Stick-up Ft. (from ground) Protective Ft. Casing/Well Difference
 Depth to Water 8.90 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer
 Height of Water Column X .16 Gal/Ft (2 in.) .65 Gal/Ft (4 in.) 1.5 Gal/Ft (6 in.) Gal/Ft (in.) = $\left[\begin{array}{l} 0.85 \\ 2.55 \end{array} \right]$ Ga/Vol Total Gal Purged Well Integrity: Prot. Casing Secure Concrete Collar Intact Other Yes No

Equipment Documentation

Purgin/Sampling Equipment Used: (✓ If Used For) Purgin Sampling*
 Penstaltic Pump Equipment ID _____
 Submersible Pump _____
 Bailor _____
 PVC/Silicon Tubing _____
 Teflon/Silicon Tubing _____
 Airlift _____
 Hand Pump _____
 In-line Filter _____
 Press/Vac Filter _____
Decontamination Fluids Used: (✓ All That Apply at Location)
 Methanol (100%)
 25% Methanol/75% ASTM Type II water
 Deionized Water
 Liquinox Solution
 Hexane
 HNO₃/D.I. Water Solution
 Potable Water
 None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	@ 0.85 Gal.	@ 1.70 Gal.	@ 2.55 Gal.	@ _____ Gal.	@ _____ Gal.
Temperature, Deg. C	<u>4.9</u>	<u>6.9</u>	<u>6.9</u>		
pH, units	<u>7.30</u>	<u>7.18</u>	<u>7.19</u>		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>306</u>	<u>307</u>	<u>311</u>		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					

TURBIDITY

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOLATILES</u>		<u>4°C</u>		<input checked="" type="checkbox"/>	/ / / / /
<u>SEMIVOLATILES</u>		<u>4°C</u>		<input checked="" type="checkbox"/>	/ / / / /
<u>INORGANICS</u>		<u>HNO₃</u>		<input checked="" type="checkbox"/>	/ / / / /
<u>CYANIDE</u>		<u>ALCOH</u>		<input checked="" type="checkbox"/>	/ / / / /
					/ / / / /
					/ / / / /
					/ / / / /
					/ / / / /

Notes: *PVC TUBING USED TO SAMPLE FOR VOLATILE ORGANICS 1" BAILOR COULD NOT BE ADVANCED INTO WELL WELL DRY AFTER PUMPING 3 WELL VOLUMES
**TURBIDITY MAY BE MALFUNCTIONING.

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
 Project Number: 7311-03
 Sample Location ID: 01-PZ101XXXX1X
 Time: Start: 1354 End: 1431

Site: OLIN MONITORING WELL PZ-101
 Date: 1/24/94
 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 22.72 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up Ft. (from ground)

Protective Casing/Well Difference Ft.

Protective Casing Ft.

Depth to Water 15.36 Ft. Well Material: PVC SS

Well Locked?: Yes No

Well Dia. 2 inch 4 inch 6 inch

Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column 2.34 Ft. X .16 Gal/Ft. (2 in.) .65 Gal/Ft. (4 in.) 1.5 Gal/Ft. (6 in.) Gal/Ft. (in.) = 1.18 Gal/Vol

3.53 Total Gal Purged

Well Integrity: Prot. Casing Secure Concrete Collar Intact Other

Yes No

Equipment Documentation

Purging/Sampling Equipment Used:

(<input checked="" type="checkbox"/> If Used For)		Equipment ID
<input checked="" type="checkbox"/> Purging	<input type="checkbox"/> Sampling	Peristaltic Pump
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used:

(All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line In Container Turbid Colored Clear Cloudy Odor

Purge Data	● 1.18 Gal.	● 2.36 Gal.	● 3.53 Gal.	● Gal.	● Gal.
Temperature, Deg. C	9.4	10.0°C	9.1		
pH, units	7.18	7.22	7.24		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	1.238	1.317	1.326		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm	19 NTU'S	12 NTU'S	7200 NTU'S		

Sample Collection Requirements
(If Required at this Location)

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
VOAs		4°C	(2) 40 ml	<input checked="" type="checkbox"/>	/ / / /
Semi-VOAs		4°C	(2) 1 L	<input checked="" type="checkbox"/>	/ / / /
INORGANICS		HNO ₃	(2) 160 L	<input checked="" type="checkbox"/>	/ / / /
CYANIDE		NAOH	(2) 160 L	<input checked="" type="checkbox"/>	/ / / /
					/ / / /
					/ / / /
					/ / / /
					/ / / /
					/ / / /

Notes: WELL DRY AFTER 3RD WELL VISIT

PZ-102

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: 0212
 Project Number: 7311-03 Date: 13 Feb 99
 Sample Location ID: PZ-102
 Time: Start: 0830 End: 0940 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 33 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference

Depth to Water 23.43 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch

Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column _____ Ft. X .16 Gal/Ft. (2 in.) .65 Gal/Ft. (4 in.) 1.5 Gal/Ft. (6 in.) Gal/Ft. (in.) = [5] Total Gal Purged

Well Integrity: Prot. Casing Secure Concrete Collar Intact Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment ID
<input type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 10 ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	1 Gal.	3 Gal.	5 Gal.	Gal.	Gal.
Temperature, Deg. C	10.3	10.5	10.4		
pH, units	7.74	7.85	7.9		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	1480	1470	1485		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOC</u>	<input type="checkbox"/>	<u>4°C</u>	<u>240ml</u>	<input checked="" type="checkbox"/>	/ / / /
<u>2000</u>	<input type="checkbox"/>	<u>4°C</u>	<u>118 ml</u>	<input checked="" type="checkbox"/>	/ / / /
<u>Nitrate</u>	<input type="checkbox"/>	<u>HNO₃</u>	<u>112</u>	<input checked="" type="checkbox"/>	/ / / /
<u>14 DO-DE</u>	<input type="checkbox"/>	<u>NACD</u>	<u>112</u>	<input checked="" type="checkbox"/>	/ / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / /

Notes: NEED TO USE BAILED WATER LEVEL TO REF FIE ISCC

PZ-103

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RVFS
 Project Number: 7311-03
 Sample Location ID: 01PZ103VXXVLYV
 Time: Start: 1350 End: 1430

Site: 0610
 Date: 2-1-94

Signature of Sampler: Douglas B. Stewart

Water Level/Well Data

Well Depth 29.1 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference

Protective _____ Ft. Casing

Depth to Water 13.7 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch

Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X .16 Gal/Ft. (2 in.) .65 Gal/Ft. (4 in.) 1.5 Gal/Ft. (6 in.) Gal/Ft. (___ in.) = [2.4 Gal/Vol 7.2 Total Gal Purged

Well Integrity: Prot. Casing Secure Concrete Collar Intact Other _____ Yes No

Equipment Documentation

Purgine/Sampling Equipment Used:

(✓ If Used For)	Equipment ID
<input checked="" type="checkbox"/> Purgine	Peristaltic Pump
<input type="checkbox"/> Sampling	Submersible Pump
<input type="checkbox"/>	Barrier
<input checked="" type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	Airlift
<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used:

(✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Equinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 42 ppm Field Data Collected In-line In Container Turbid Clear Cloudy Colored Odor

0.1%

Purge Data	Gal.	Gal.	Gal.	Gal.	Gal.
Temperature, Deg. C	<u>9.3</u>	<u>8.08</u>	<u>8.86</u>		
pH, units	<u>7.95</u>	<u>10.3</u>	<u>9.1</u>		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>1124</u>	<u>1212</u>	<u>1148</u>		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm	<u>16</u>	<u>19</u>	<u>15</u>		

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOA</u>	<input type="checkbox"/>	<u>4 DEGC</u>	<u>40 ml/2</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>SVOA</u>	<input type="checkbox"/>	<u>4 DEGC</u>	<u>120 ml</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>1,2-DCA</u>	<input type="checkbox"/>	<u>4 DEGC</u>	<u>50 ml</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>CYANIDE</u>	<input type="checkbox"/>	<u>NAOH</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /

Notes: _____

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN
 Project Number: 7311-03 Date: 2-1-94
 Sample Location ID: 01PZ104 YXXK1XX
 Time: Start: 1440 End: 1530 Signature of Sampler: Douglas B. Stewart

Water Level/Well Data

Well Depth 24.62 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference

Depth to Water 15.62 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch

Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column 9.0 Ft. X .16 Gal/Ft. (2 in.) .65 Gal/Ft. (4 in.) 1.5 Gal/Ft. (6 in.) Gal/Ft. (in.) = $\left[\begin{array}{l} 1.44 \text{ Gal/Vol} \\ 4.32 \text{ Total Gal Purged} \end{array} \right.$

Well Integrity: Prot. Casing Secure Concrete Collar Intact Other _____ Yes No

Equipment Documentation

Purging/Sampling Equipment Used: Decontamination Fluids Used:

<input checked="" type="checkbox"/> Purging	<input type="checkbox"/> Sampling	Penstatic Pump	Equipment ID _____	<input type="checkbox"/> Methanol (100%)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Submersible Pump	_____	<input type="checkbox"/> 25% Methanol/75% ASTM Type II water
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bailer	_____	<input checked="" type="checkbox"/> Deionized Water
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	_____	<input type="checkbox"/> Liquinox Solution
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	_____	<input type="checkbox"/> Hexane
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	_____	<input type="checkbox"/> HNO ₃ /D.I. Water Solution
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	_____	<input type="checkbox"/> Potable Water
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	_____	<input type="checkbox"/> None
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	_____	_____

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 24 ppm Field Data Collected In-line In Container Turbid Clear Cloudy Colored Odor

Purge Data	1.44 Gal.	2.88 Gal.	4.32 Gal.	_____ Gal.	_____ Gal.
Temperature, Deg. C	9.5	10.5	11.9		
pH, units	7.64	7.66	7.65		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	418	299	380		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
TURBIDITY	20	17	17		

Sample Collection Requirements
(If Required at this Location)

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
<u>10A</u>		<u>4 DEGC</u>	<u>40ml x 2</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>SVOA</u>		<u>4 DEGC</u>	<u>40ml x 2</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>11886</u>		<u>HNO₃</u>	<u>500ml</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>CHLORIDE</u>		<u>WASH</u>	<u>500ml</u>	<input checked="" type="checkbox"/>	/ / / / /
					/ / / / /
					/ / / / /
					/ / / / /
					/ / / / /

Notes: _____

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN
 Project Number: 7311-03 Date: 1-24-94
 Sample Location ID: 01PZ105XXXX1XX
 Time: Start: 1400 End: 1440 Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth 35.90 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference

Protective _____ Ft. Casing

Depth to Water 13.0 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X _____ .16 Gal/Ft. (2 in.) _____ .65 Gal/Ft. (4 in.) _____ 1.5 Gal/Ft. (6 in.) _____ Gal/Ft. (____ in.) = [3.66 Gal/Vol 10.98 Total Gal Purged] Well Integrity: Prot. Casing Secure Concrete Collar Intact Other _____ Yes No

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For)	Purging	Sampling	Equipment ID
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Barrier
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used:

(✓ All That Apply at Location)	
<input type="checkbox"/>	Methanol (100%)
<input type="checkbox"/>	25% Methanol/75% ASTM Type II water
<input checked="" type="checkbox"/>	Deionized Water
<input checked="" type="checkbox"/>	Liquinox Solution
<input type="checkbox"/>	Hexane
<input type="checkbox"/>	HNO ₃ /D.I. Water Solution
<input type="checkbox"/>	Potable Water
<input type="checkbox"/>	None

Field Analysis Data

Ambient Air VOC ~~11 ppm~~ 0.19 ppm Well Mouth 0.19 ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	@ 3.66 Gal.	@ 7.32 Gal.	@ 10.98 Gal.	@ _____ Gal.	@ _____ Gal.
Temperature, Deg. C	<u>9.5</u>	<u>10.8</u>	<u>9.60</u>	/	/
pH, units	<u>10.29</u>	<u>9.35</u>	<u>9.5</u>	/	/
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>2400</u>	<u>2500</u>	<u>2600</u>	/	/
Oxidation - Reduction, +/- mv				/	/
Dissolved Oxygen, ppm				/	/
TURBIDITY	<u>>100</u>	<u>>100</u>	<u>>100</u>	/	/

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOC</u>	<input type="checkbox"/>	<u>4 DEG</u>	<u>40 ml x 2</u>	<input checked="" type="checkbox"/>	/ / / /
<u>SIA</u>	<input type="checkbox"/>	<u>4 DEG</u>	<u>100 ml x 2</u>	<input checked="" type="checkbox"/>	/ / / /
<u>CHLORIDE</u>	<input type="checkbox"/>	<u>NOAH</u>	<u>50 ml</u>	<input checked="" type="checkbox"/>	/ / / /
<u>INORG.</u>	<input type="checkbox"/>	<u>NOAH</u>	<u>50 ml</u>	<input checked="" type="checkbox"/>	/ / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / /

Notes: _____

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN
 Project Number: 7311-03 Date: 1-24-94
 Sample Location ID: 01PZ106XXXKIXK
 Time: Start: 1500 End: 1540 Signature of Sampler: Douglas Stewart

Water Level/Well Data

Well Depth 35.9 Ft. Measured Historical Top of Well Top of Protective Casing

Well Riser Stick-up _____ Ft. (from ground) Protective _____ Ft. Casing/Well Difference

Depth to Water 12.5 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch

Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X .16 Gal/Ft. (2 in.) .65 Gal/Ft. (4 in.) 1.5 Gal/Ft. (6 in.) Gal/Ft. (____ in.) = 3.75 Gal/Vol

234 Ft. Total Gal Purged 15 Well Integrity: Prot. Casing Secure Concrete Collar Intact Other _____

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment	Equipment ID
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump	_____
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump	_____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer	_____
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	_____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	_____
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	_____
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	_____
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	_____
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	_____

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 300 ppm ^{0.02%} Field Data Collected In-line In Container

Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	@ 3.75 Gal.	@ 7.5 Gal.	@ 11.2 Gal.	@ 15 Gal.	@ _____ Gal.
Temperature, Deg. C	<u>8.5</u>	<u>10.6</u>	<u>11.1</u>	<u>11.2</u>	<u>NA</u>
pH, units	<u>9.84</u>	<u>8.90</u>	<u>10.5</u>	<u>8.6</u>	<u>NA</u>
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>1725</u>	<u>2330</u>	<u>2400</u>	<u>2450</u>	<u>NA</u>
Oxidation - Reduction, +/- mv	_____	_____	_____	_____	_____
Dissolved Oxygen, ppm	_____	_____	_____	_____	_____
TURBIDITY	<u>>100</u>	<u>>100</u>	<u>>100</u>	<u>>100</u>	_____

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOA</u>	<input type="checkbox"/>	<u>4 DEG</u>	<u>40 ml +/-</u>	<input checked="" type="checkbox"/>	_____
<u>SVOA</u>	<input type="checkbox"/>	<u>4 DEG</u>	<u>40 ml +/-</u>	<input checked="" type="checkbox"/>	_____
<u>CHLORIDE</u>	<input type="checkbox"/>	<u>1000M</u>	<u>500ml</u>	<input checked="" type="checkbox"/>	_____
<u>INORGANIC</u>	<input type="checkbox"/>	<u>1000M</u>	<u>500ml</u>	<input checked="" type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	_____

Notes: PURGE ONE EXTRA WELL VOLUME DUE TO pH NOT STABILIZING

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: Olin
 Project Number: 7311-03 Date: 1.27.94
 Sample Location ID: 01PZ10FXXXXIXX
 Time: Start: 815 End: 915 Signature of Sampler: Douglas B. [Signature]

Water Level/Well Data

Well Depth 20.25 Ft. Measured Top of Well Well Riser Stick-up Ft. Protective Ft.
 Historical Top of Protective Casing (from ground) Casing/Well Difference

Depth to Water 7.1 Ft. Well Material: PVC Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used:
 SS No Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column X .16 Gal/Ft (2 in.) = 3.38 Gal/Vol Well Integrity: Yes No
21.15 Ft. .65 Gal/Ft (4 in.) = 11.0 Total Gal Purged Prot. Casing Secure Concrete Collar Intact Other

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment ID
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer
<input checked="" type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing
<input type="checkbox"/>	<input type="checkbox"/>	Airlift
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 40 ppm Field Data Collected In-line In Container Sample Observations: Turbid Clear Cloudy
 Colored Odor

Purge Data	3.38 Gal.	6.76 Gal.	10.14 Gal.	Gal.	Gal.
Temperature, Deg. C	<u>6.4</u>	<u>6.3</u>	<u>6.9</u>		
pH, units	<u>9.07</u>	<u>9.02</u>	<u>10.36</u>		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>800</u>	<u>1000</u>	<u>1136</u>		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
<u>TOXICITY</u>	<u>20 NTD</u>	<u>25 NTD</u>	<u>21 NTD</u>		

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>JOA</u>		<u>4 DEGC</u>	<u>40 ml x 2</u>	<input checked="" type="checkbox"/>	
<u>SVA</u>		<u>4 DEGC</u>	<u>1 Lit x 2</u>	<input checked="" type="checkbox"/>	
<u>ANIONIC</u>		<u>NR04</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	
<u>NR06</u>		<u>NR05</u>	<u>500 ml</u>	<input checked="" type="checkbox"/>	

Notes: _____

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: KODAK WRL PZ-108
 Project Number: 7311-03 Date: 1/24/94
 Sample Location ID: 01-PZ108 XXXXX
 Time: Start: 1514 End: 1540 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 11.40 Ft. Measured Top of Well Well Riser Stick-up Ft. Protective Ft.
 Historical Top of Protective Casing (from ground) Casing/Well Difference
 Depth to Water 4.30 Ft. Well Material: Well Locked?: Yes No Well Dia. 2 inch Water Level Equip. Used:
 PVC 4 inch Elect. Cond. Probe
 SS 6 inch Float Activated
 Gal/Ft. (in.) Press. Transducer
 Height of Water Column: 7.10 Ft. X 1.6 Gal/Ft. (2 in.) = 1.14 Gal/Vol Well Integrity: Yes No
 .65 Gal/Ft. (4 in.) = 3.41 Total Gal Purged Prot. Casing Secure
 1.5 Gal/Ft. (6 in.) Concrete Collar Intact
 Gal/Ft. (in.) Other

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)
 Purging Sampling Equipment ID
 Penstaltic Pump
 Submersible Pump
 Bailor
 PVC/Silicon Tubing
 Teflon/Silicon Tubing
 Airlift
 Hand Pump
 In-line Filter
 Press/Vac Filter
Decontamination Fluids Used: (✓ All That Apply at Location)
 Methanol (100%)
 25% Methanol/75% ASTM Type II water
 Deionized Water
 Liquihox Solution
 Hexane
 HNO₃/D.I. Water Solution
 Potable Water
 None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 0 ppm Field Data Collected In-line Turbid Clear Cloudy
 In Container Colored Ogor
 Purge Data @ 1.14 Gal. @ 2.28 Gal. @ 3.41 Gal. @ Gal. @ Gal.
 Temperature, Deg. C 7.5 6.4 7.6
 pH, units 6.82 6.80 6.83
 Specific Conductivity (umhos/cm. @ 25 Deg. C.) 343 302 310
 Oxidation - Reduction, +/- mv
 Dissolved Oxygen, ppm
TURB. 192 NTU's 189 NTU's 7 NTU's

Sample Collection Requirements
(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOAS</u>	<input type="checkbox"/>	<u>40C</u>	<u>250 mL</u>	<input checked="" type="checkbox"/>	<u> </u> / <u> </u> / <u> </u>
<u>NON-VOAS</u>	<input type="checkbox"/>	<u>40C</u>	<u>250 mL</u>	<input checked="" type="checkbox"/>	<u> </u> / <u> </u> / <u> </u>
<u>INORGANIC</u>	<input type="checkbox"/>	<u>HNO₃</u>	<u>250 mL</u>	<input checked="" type="checkbox"/>	<u> </u> / <u> </u> / <u> </u>
<u>CYANIDE</u>	<input type="checkbox"/>	<u>NAOH</u>	<u>250 mL</u>	<input checked="" type="checkbox"/>	<u> </u> / <u> </u> / <u> </u>
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	

Notes:

S-1

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: Olin Pumping Well
 Project Number: 7311-03 Date: 1/20/14
 Sample Location ID: 01MW#1XXXX1XY
 Time: Start: 1400 End: 1430 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth: 5.4 Ft. Measured Historical Top of Well Top of Protective Casing DRIVE VAULT Well Riser Stack-up: Ft. Protective Casing/Well Difference: Ft. Protective Casing: Ft.

Depth to Water: 6.0 Ft. Well Material: Well Locked?: Yes No Well Dia: 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Conc. Probe Float Activated Press. Transducer

Height of Water Column: 0.4 Ft. 0.16 Gal/Ft. (2 in.) 0.65 Gal/Ft. (4 in.) 1.5 Gal/Ft. (6 in.) Gal/Ft. (in.) = 4.81 Gal/Vol Well Integrity: Yes No Prot. Casing Secure Concrete Collar Intact Other

14.43 Total Gal Purged

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For) Purging Sampling

<input type="checkbox"/>	Penstatic Pump	Equipment ID: <u> </u>
<input type="checkbox"/>	Submersible Pump	<u> </u>
<input type="checkbox"/>	Boiler	<u> </u>
<input type="checkbox"/>	PVC/Silicon Tubing	<u> </u>
<input type="checkbox"/>	Teflon/Silicon Tubing	<u> </u>
<input type="checkbox"/>	Airlift	<u> </u>
<input type="checkbox"/>	Hand Pump	<u> </u>
<input type="checkbox"/>	In-line Filter	<u> </u>
<input type="checkbox"/>	Press/Vac Filter	<u> </u>

Decontamination Fluids Used: (✓ All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC: ppm Well Mouth: ppm Field Data Collected: In-line In Container Sample Observations: Turbid Clear Cloudy Colored Odor

Purge Data	①	②	③	④	⑤
Temperature, Deg. C	<u>9.2</u>	 	 	 	
pH, units	<u>7.27</u>	 	 	 	
Specific Conductivity (umhos/cm @ 25 Deg. C.)	<u>0.58 x 2K</u>	 	 	 	
Oxidation-Reduction +/- mv	<u> </u>	 	 	 	
Dissolved Oxygen, ppm	<u> </u>	 	 	 	

1/20/14 2200 data's

Sample Collection Requirements (✓ if required at this location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs

Notes: Well purged dry after 2 gallons

S-2

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: Olin Pumping well
Project Number: 7311-03 Date: 1/20/14
Sample Location ID: 01 MWX 52X XX 1XX
Time: Start: 1250 End: 1310 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth: 16.00 = Measured
Well Riser Stock: Ft.
Protective Casing Well Difference: Ft.
Depth to Water: 15.30 = Well Material: PVC, SS
Well Locked?: Yes
Well Dia.: 4 inch
Water Level Equip. Used: Elect. Conc. Probe, Float Activated, Press. Transducer
Height of Water Column: X .16 Gal/Ft (2 in.) = Total Gal Purged
Well Integrity: Prot. Casing Secure, Concrete Collar intact, Other

Equipment Documentation

Purging/Sampling Equipment Used: Penstatic Pump, Submersible Pump, Barrier, PVC/Silicon Tubing, Teflon/Silicon Tubing, Airlift, Hand Pump, In-line Filter, Press/Vac Filter.
Decontamination Fluids Used: Methanol (100%), 25% Methanol/75% ASTM Type II water, Deionized Water, Liquid NA Solution, Hexane, HNO3/DI Water Solution, Potable Water, None.

Field Analysis Data

Ambient Air VOC: ppm, Well Mouth: ppm, Field Data Collected: In-line, In Container.
Sample Observations: Turbid, Clear, Cloudy, Colored, Oily.
Purge Data: @ INITIAL Gal, @ Gal, @ Gal, @ Gal.
Temperature: 6.6°C, pH: 8.76, Specific Conductivity: 292, Dissolved Oxygen: 10.47 NTU.

Sample Collection Requirements (if Required at this Location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs.
Rows include: VOCs, Some VOCs, INORGANICS, CYANIDES.

Notes: DID NOT PURGE S-2 IS A PUMPING WELL

S-3

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN
 Project Number: 7311-03 Date: 1-19-94
 Sample Location ID: 01MWXS3XXXX1XX
 Time: Start: 1320 End: 1400 Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth 12.3 Ft. Measured Top of Well Well Riser Stock Ft. Protective Ft.
 Historical Top of Protective Casing (from ground) Casing/Well Difference
 Casing Protective Ft.
 Casing

Depth to Water 11.87 Ft. Well Material: PVC Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used:
 SS No 2 inch 4 inch 6 inch Elect. Cond. Probe
 Float Activated
 Press. Transducer

Height of Water Column X .16 Gal/Ft. (2 in.) = Gal/Vol. Well Integrity: Yes No
 Ft. .65 Gal/Ft. (4 in.) = Total Gal Purged Prot. Casing Secure
 1.5 Gal/Ft. (6 in.) Concrete Collar Intact
 Gal/Ft. (in.) Other

Equipment Documentation

Purging/Sampling Equipment Used: Decontamination Fluids Used:

(<input checked="" type="checkbox"/> If Used For)		Equipment ID	(<input checked="" type="checkbox"/> All That Apply at Location)
<input type="checkbox"/> Purging	<input type="checkbox"/> Sampling	Penstatic Pump	<input type="checkbox"/> Methanol (100%)
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/> 25% Methanol/75% ASTM Type II water
<input type="checkbox"/>	<input type="checkbox"/>	Boiler	<input type="checkbox"/> Deionized Water
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	<input type="checkbox"/> Liquinox Solution
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	<input type="checkbox"/> hexane
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	<input type="checkbox"/> HNO ₃ /D.I. Water Solution
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	<input type="checkbox"/> Potable Water
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	<input type="checkbox"/> None
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	<input type="checkbox"/>

Field Analysis Data

Ambient Air VOC ppm Well Mouth ppm Field Data Collected In-line Turbid Clear Cloudy
 In Container Colored Ooey

Purge Data	<input checked="" type="checkbox"/> INITIAL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temperature, Deg. C	<u>0.3</u>	/	/	/	/
pH, units	<u>5.27</u>	/	/	/	/
Specific Conductivity (umhos/cm @ 25 Deg. C.)	<u>2160</u>	/	/	/	/
Oxidation-Reduction, mv		/	/	/	/
Dissolved Oxygen, ppm		/	/	/	/
<u>TURBIDITY</u>	<u>5100</u>	/	/	/	/

Sample Collection Requirements
(If Required at this Location)

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
<u>VOA</u>	<input type="checkbox"/>	<u>4 DEGC</u>	<u>40ml x 2</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>SVOA</u>	<input type="checkbox"/>	<u>4 DEGC</u>	<u>110ml x 2</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>INORG. CYANIDE</u>	<input type="checkbox"/>	<u>HNO₃</u>	<u>1 LP</u>	<input checked="" type="checkbox"/>	/ / / / /
	<input type="checkbox"/>	<u>NH₄OH</u>	<u>1 LP</u>	<input checked="" type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /
	<input type="checkbox"/>			<input type="checkbox"/>	/ / / / /

Notes: DID NOT PURGE S3 USA DUMPING WELL

S-4

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
 Project Number: 7311-03
 Sample Location ID: GMW154XXXX1XX
 Time: Start: 0830 End: 0920

Site: OLIN RUMING WELLS 54
 Date: 1/21/94
 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 12.90' Ft. Measured Historical
 Top of Well _____ Ft.
 Top of Protective Casing TOP OF CAULT
 Well Riser Stick-up _____ Ft.
 Protective Casing/Well Difference _____ Ft.
 Protective Casing _____ Ft.
 Depth to Water 5.50 Ft. Well Material: PVC Well Locked?: No Well Dia. 2 inch
SS Water Level Equip. Used: Elect. Cond. Probe
 Float Activated Press. Transducer
 Height of Water Column 2.40 Ft. X 1.65 Gal/Ft. (4 in.) = 4.81 Gal/Vol
1.5 Gal/Ft. (6 in.) = 1.43 Total Gal Purged
 Well Integrity: Prot. Casing Secure Yes No
 Concrete Collar Intact Other NA

Equipment Documentation

Purging/Sampling Equipment Used: (✓ If Used For)

Purging	Sampling	Equipment	Equipment ID
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump	
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bailer	
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	

Decontamination Fluids Used: (✓ All That Apply at Location)
 Methanol (100%)
 25% Methanol/75% ASTM Type II water
 Deionized Water
 Liquinox Solution
 Hexane
 HNO₃/D.I. Water Solution
 Potable Water
 None

Field Analysis Data

Ambient Air VOC _____ ppm Well Mouth _____ ppm Field Data Collected In-line Turbid Clear Cloudy
 In Container Colored Odor
 Sample Observations:

Purge Data	Gal.	Gal.	Gal.	Gal.	Gal.
Temperature, Deg. C	<u>UNAVAILABLE</u>	/	/	/	/
pH, units	<u>9.25</u>	/	/	/	/
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>1410</u>	/	/	/	/
Oxidation - Reduction, +/- mv		/	/	/	/
Dissolved Oxygen, ppm	<u>TURBIDITY</u>	/	/	/	/
	<u>2210 NTU'S</u>	/	/	/	/

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOLATILES</u>		<u>4°C</u>	<u>(2) 40 mL</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>Semi Volatiles</u>		<u>4°C</u>	<u>(2) 1 L</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>INORGANICS</u>		<u>REFRIG</u>	<u>(2) 100 mL</u>	<input checked="" type="checkbox"/>	/ / / / /
<u>CHLORIDE</u>		<u>REFRIG</u>	<u>(1) 100 mL</u>	<input checked="" type="checkbox"/>	/ / / / /
					/ / / / /
					/ / / / /
					/ / / / /
					/ / / / /
					/ / / / /

Notes: WELL DRY AFTER PURGING 2.5 GAL

W-1

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLLU
 Project Number: 7311-03 Date: 1-18-94
 Sample Location ID: 01M0XW01XXXXLXX
 Time: Start: 11:45 End: 12:30 Signature of Sampler: Douglas Stewart

Water Level/Well Data

Well Depth Measured Top of Well
 Historical Top of Protective Casing

Well Riser Stck-up (from ground) _____ Ft
 Protective Casing/Well Difference _____ Ft
 Protective Casing _____ Ft

Depth to Water Ft Well Material: PVC SS
 Well Locked?: Yes No

Well Dia: 2 inch 4 inch 6 inch

Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column _____ Ft
 .16 Gal/Ft (2 in.) .65 Gal/Ft (4 in.) 1.5 Gal/Ft (6 in.) Gal/Ft (____ in.)

Total Gal Purged _____ Gal
 Well Integrity: Prot. Casing Secure _____ Concrete Collar Intact _____ Other _____

Equipment Documentation

Purging/Sampling Equipment Used:

<input checked="" type="checkbox"/> If Used For			Equipment ID
Purging	Sampling	Peristaltic Pump	_____
_____	_____	Submersible Pump	_____
_____	_____	Bailer	_____
_____	_____	PVC/Silicon Tubing	_____
_____	_____	Teflon/Silicon Tubing	_____
_____	_____	Air Lift	_____
_____	_____	Hand Pump	_____
_____	_____	In-line Filter	_____
_____	_____	Press/Vac Filter	_____

Decontamination Fluids Used:

(All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC NA ppm Well Mouth NA ppm Field Data Collected In-line Turbid Clear Cloudy
 In Container Colored Odor

Sample Observations:

Purge Data	① INITIAL Gal.	② _____ Gal.	③ _____ Gal.	④ _____ Gal.	⑤ _____ Gal.
Temperature, Deg. C	11.2°C	/	/	/	/
pH, units	7.27	/	/	/	/
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	1850	/	/	/	/
Oxidation - Reduction, +/- mv	/	/	/	/	/
Dissolved Oxygen, ppm	/	/	/	/	/
<u>TURBIDITY</u>	/	/	/	/	/

Sample Collection Requirements
(If Required at this Location)

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
<u>UAP</u>		<u>4 DEG C</u>	<u>2 x 400 mL</u>	<input checked="" type="checkbox"/>	_____/_____/_____/_____/_____/_____
<u>SVOP</u>		<u>4 DEG C</u>	<u>2 x 1L</u>	<input checked="" type="checkbox"/>	_____/_____/_____/_____/_____/_____
<u>CYANIDE</u>		<u>NOAH</u>	<u>1L</u>	<input checked="" type="checkbox"/>	_____/_____/_____/_____/_____/_____
<u>ARBS</u>		<u>NOAH</u>	<u>1L</u>	<input checked="" type="checkbox"/>	_____/_____/_____/_____/_____/_____

Notes: DUPLICATE, MS/MSSD COLLECTED ALONG W/ REGULAR SAMPLE VOLUME
* COULDN'T GET PROBE PASS STAND PIPE, THERE FOR DID NOT OBTAIN WATER LEVEL & WELL DATA

W-2

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN PUMPING WELL
Project Number: 7311-03 Date: 1/20/04
Sample Location ID: 07MWXW2XXXX1XX
Time: Start: 0910 End: 0915 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth ___ Ft Measured ___ Top of Well ___ Well Riser Stick-up ___ Ft Protective ___ Ft
Historical ___ Top of Protective Casing (from ground) Casing/Well Difference
Depth to Water ___ Ft Well Material: PVC ___ Well Locked?: Yes ___ No ___ Well Dia. ___ 2 inch ___ 4 inch ___ 6 inch
Water Level Equip. Used: Elect. Cond. Probe ___ Float Activated ___ Press. Transducer ___
Height of Water Column X .16 Gal/Ft (2 in.) ___ Gal/Vol Well Integrity: Prot. Casing Secure ___ Concrete Collar Intact ___ Other ___

Equipment Documentation

Purging/Sampling Equipment Used: (If Used For) Purging Sampling Equipment ID
Peristaltic Pump ___ Submersible Pump ___ Bailer ___ PVC/Silicon Tubing ___ Teflon/Silicon Tubing ___ Airlift ___ Hand Pump ___ In-line Filter ___ Press/Vac Filter ___
Decontamination Fluids Used: (All That Apply at Location) Methanol (100%) ___ 25% Methanol/75% ASTM Type II water ___ Deionized Water ___ Liquinox Solution ___ Hexane ___ HNO3/D.I. Water Solution ___ Potable Water ___ None ___

Field Analysis Data

Ambient Air VOC ___ ppm Well Mouth ___ ppm Field Data Collected ___ In-line ___ In Container ___ Sample Observations: Turbid ___ Clear ___ Cloudy Colored ___ Odor ___
Purge Data INITIAL Gal. Gal. Gal. Gal. Gal.
Temperature, Deg. C 8.2
pH, units 8.06
Specific Conductivity (umhos/cm. @ 25 Deg. C.) 0.700
Oxidation - Reduction, +/- mv
Dissolved Oxygen, ppm
TURBIDITY 25 NTU5

Sample Collection Requirements (If Required at this Location)

Table with columns: Analytical Parameter, If Field Filtered, Preservation Method, Volume Required, If Sample Collected, Sample Bottle IDs. Rows include: VAS, SAME VAS, INORGANICS, CHLORIDE.

Notes: DID NOT PURGE. W2 IS A PUMPING WELL COULD NOT GET WATER LEVEL & DEPTH OF WELL DUE TO TURBIDITY TYPING IN WELL

W-3

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS
 Project Number: 7311-03
 Sample Location ID: 01MWXW3XXXX1XX
 Time: Start: 9:45 End: 11:15

Site: 0110
 Date: 1-18-94

Signature of Sampler: Douglas B Stewart

Water Level/Well Data

Well Depth 20.20 Ft. Measured Top of Well
 Historical Top of Protective Casing

Well Riser Stock-up Ft. (from ground) Protective Ft. Casing/Well Difference

Protective Ft. Casing

Depth to Water 19.8 Ft. Well Material: PVC SS Well Locked?: Yes No Well Dia. 2 inch 4 inch 6 inch Water Level Equip. Used: Elect. Cond. Probe Float Activated Press. Transducer

Height of Water Column 0.4 Ft. X .16 Gal/Ft (2 in.) = Gal/Vol
 X .65 Gal/Ft (4 in.) = Gal/Vol
 X 1.5 Gal/Ft (6 in.) = Gal/Vol
 X Gal/Ft (in.) = Gal/Vol

Well Integrity: Yes No
 Prot. Casing Secure
 Concrete Collar Intact
 Other: MANHOLE COVER SECURE

Equipment Documentation

Purging/Sampling Equipment Used:

(If Used For)

Purging	Sampling	Equipment	Equipment ID
<input type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump	<u> </u>
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump	<u> </u>
<input type="checkbox"/>	<input type="checkbox"/>	Bailer	<u> </u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	PVC/Silicon Tubing	<u>NA</u>
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	<u> </u>
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	<u> </u>
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	<u> </u>
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	<u> </u>
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	<u> </u>

Decontamination Fluids Used:

(All That Apply at Location)

- Methanol (100%)
- 25% Methanol/75% ASTM Type II water
- Deionized Water
- Liquinox Solution
- Hexane
- HNO₃/D.I. Water Solution
- Potable Water
- None

Field Analysis Data

Ambient Air VOC ppm Well Mouth ppm Field Data Collected in-line Turbid Clear Cloudy
 In Container Colored Odor

Purge Data	Gal.	Gal.	Gal.	Gal.	Gal.
Temperature, Deg. C	<u>3.7</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
pH, units	<u>7.4</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	<u>433</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
Oxidation - Reduction, +/- mv	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Dissolved Oxygen, ppm	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>TURBIDITY</u>	<u>> 100 NTU</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Sample Collection Requirements (If Required at this Location)

Analytical Parameter	<input checked="" type="checkbox"/> If Field Filtered	Preservation Method	Volume Required	<input checked="" type="checkbox"/> If Sample Collected	Sample Bottle IDs
VFA	<input type="checkbox"/>	4 DEG C	2 x 40 mL	<input checked="" type="checkbox"/>	1352C, 1352D, 1352E, 1352F, 1352G, 1352H, 1352I, 1352J, 1352K, 1352L, 1352M, 1352N, 1352O, 1352P, 1352Q, 1352R, 1352S, 1352T, 1352U, 1352V, 1352W, 1352X, 1352Y, 1352Z
SWFA	<input type="checkbox"/>	4 DEG C	2 x 1L	<input checked="" type="checkbox"/>	1352A, 1352B, 1352C, 1352D, 1352E, 1352F, 1352G, 1352H, 1352I, 1352J, 1352K, 1352L, 1352M, 1352N, 1352O, 1352P, 1352Q, 1352R, 1352S, 1352T, 1352U, 1352V, 1352W, 1352X, 1352Y, 1352Z
CYANIDE	<input type="checkbox"/>	NPOH	1L	<input checked="" type="checkbox"/>	1352A, 1352B, 1352C, 1352D, 1352E, 1352F, 1352G, 1352H, 1352I, 1352J, 1352K, 1352L, 1352M, 1352N, 1352O, 1352P, 1352Q, 1352R, 1352S, 1352T, 1352U, 1352V, 1352W, 1352X, 1352Y, 1352Z
INORG	<input type="checkbox"/>	HNO ₂	1L	<input checked="" type="checkbox"/>	1352A, 1352B, 1352C, 1352D, 1352E, 1352F, 1352G, 1352H, 1352I, 1352J, 1352K, 1352L, 1352M, 1352N, 1352O, 1352P, 1352Q, 1352R, 1352S, 1352T, 1352U, 1352V, 1352W, 1352X, 1352Y, 1352Z

Notes: 01MWXW3XXXX1XX IS A PUMP/INCH WELL, (DID NOT PURGE WELL)

W-4

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: Olin Rochester RI/FS Site: OLIN PUMPING WELL
 Project Number: 7311-03 Date: 1/20/94
 Sample Location ID: OLMXXW4XXXK1XX
 Time: Start: 1000 End: 1010 Signature of Sampler: [Signature]

Water Level/Well Data

Well Depth 1950 =: Measured Historical
 Top of Well: TOP OF CASING Well Riser Stock: Ft. Protective Ft. Casing/Well Difference
 Depth to Water 1800 =: Well Material: PVC SS Well Logged?: Yes No Well Dia: 2 in. 4 in. 6 in. Water Level Equip. Used: Elect. Conc. Probe Float Activated Press. Transducer
 Height of Water Column: 1.5 Gal/Ft. (2 in.) Gal/Vol. Well Integrity: Yes No
 Ft. Gal/Vol. Prot. Casing Secure
 Gal/Ft. (6 in.) Total Gal Purged Concrete Collar Intact
 Gal/Ft. (in.) Other

Equipment Documentation

Purging/Sampling Equipment Used:			Decontamination Fluids Used:	
(✓ If Used For)			(✓ All That Apply at Location)	
Purging	Sampling	Equipment ID		
<input type="checkbox"/>	<input type="checkbox"/>	Peristaltic Pump	<input type="checkbox"/>	Methanol (100%)
<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	25% Methanol/75% ASTM Type II water
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Baller	<input checked="" type="checkbox"/>	Deionized Water
<input type="checkbox"/>	<input type="checkbox"/>	PVC/Silicon Tubing	<input checked="" type="checkbox"/>	Liquinox Solution
<input type="checkbox"/>	<input type="checkbox"/>	Teflon/Silicon Tubing	<input type="checkbox"/>	Hexane
<input type="checkbox"/>	<input type="checkbox"/>	Airlift	<input type="checkbox"/>	HNO ₃ /D.I. Water Solution
<input type="checkbox"/>	<input type="checkbox"/>	Hand Pump	<input type="checkbox"/>	Potable Water
<input type="checkbox"/>	<input type="checkbox"/>	In-line Filter	<input type="checkbox"/>	None
<input type="checkbox"/>	<input type="checkbox"/>	Press/Vac Filter	<input type="checkbox"/>	

Field Analysis Data

Ambient Air VOC ppm Well Mouth ppm Field Data Collected In-line Turbid Clear Cloudy
 In Container Colored Ocor

Purge Data	INITIAL			
Temperature, Deg. C	<u>9.4</u>	/	/	/
pH, units	<u>7.42</u>	/	/	/
Specific Conductivity (umhos/cm @ 25 Deg. C.)	<u>1800</u>	/	/	/
Oxidation-Reduction, mv		/	/	/
Dissolved Oxygen, ppm		/	/	/

TURBIDITY 103 NTU'S

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
<u>VOAs</u>		<u>4°C</u>	<u>(2) 4 mL</u>	<input checked="" type="checkbox"/>	
<u>SOME VOAs</u>		<u>4°C</u>	<u>(2) 4 mL</u>	<input checked="" type="checkbox"/>	
<u>INORGANICS</u>		<u>1+NC</u>	<u>(2) 1 L</u>	<input checked="" type="checkbox"/>	
<u>CHLORIDE</u>		<u>NAC#</u>	<u>(2) 16.0 L</u>	<input checked="" type="checkbox"/>	

Notes: WELL NOT RIGGED PUMPING WELL