Appendix E
Comprehensive Analytical Data

Non-Aqueous Phase Liquid (NAPL)

TABLE E1
Summary of Dioxins - Non-Aqueous Phase Liquid, First Quarter 2005 (March)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
MW-14	**3/14/2005**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		73600	0.01	736.00	ng/kg
1,2,3,4,6,7,8-HpCDF		13300	0.01	133.00	ng/kg
1,2,3,4,7,8,9-HpCDF		616	0.01	6.16	ng/kg
1,2,3,4,7,8-HxCDD		178	0.1	17.80	ng/kg
1,2,3,4,7,8-HxCDF		ND (47.2)	0.1	2.36	ng/kg
1,2,3,6,7,8-HxCDD		1790	0.1	179.00	ng/kg
1,2,3,6,7,8-HxCDF		163 J1	0.1	16.30	ng/kg
1,2,3,7,8,9-HxCDD		456	0.1	45.60	ng/kg
1,2,3,7,8,9-HxCDF		213 J	0.1	21.30	ng/kg
1,2,3,7,8-PeCDD		70.3 J	1	70.30	ng/kg
1,2,3,7,8-PeCDF		45.7 J1	0.05	2.29	ng/kg
2,3,4,6,7,8-HxCDF		170	0.1	17.00	ng/kg
2,3,4,7,8-PeCDF		85.6	0.5	42.80	ng/kg
2,3,7,8-TCDD		ND (0.4)	1	0.20	ng/kg
2,3,7,8-TCDF		ND (1.4)	0.1	0.07	ng/kg
OCDD		985000	0.0001	98.50	ng/kg
OCDF		94700	0.0001	9.47	ng/kg
TEQ				**1400**	**ng/kg**
Screening Level (1)				**0.45**	**ng/kg**

Notes:
(1) See Soil Screening Level table for source of screening level

TEF	Toxicity Equivalency Factor. (EPA, 2000, "Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and Related Compounds. Part II: Health Assessment for 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and Related Compounds," Draft Final, National Center for Environmental Assessment, May).
ng/kg	nanograms per kilogram
ND	not detected above the laboratory's reporting limit shown in parentheses
J	estimated value
J1	estimated maximum possible concentration
TEQ	Toxicity Equivalent Concentration

Groundwater

TABLE E2
Analytical Results - Depth-Discrete Groundwater Survey (September - December 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RGW-01	RGW-01	RGW-01	RGW-01	RGW-01	RGW-02	RGW-02	RGW-02	RGW-02	RGW-02	RGW-02	RGW-03	RGW-03	RGW-03	RGW-04	RGW-04	RGW-05
Sample Depth			17 ft bgs	30 ft bgs	40 ft bgs	50 ft bgs	60 ft bgs	12 ft bgs	20 ft bgs	32 ft bgs	42 ft bgs	50 ft bgs	58 ft bgs	17 ft bgs	37 ft bgs	58 ft bgs	20 ft bgs	30 ft bgs	15 ft bgs
Sample Date			9/27/2004	9/27/2004	9/27/2004	9/27/2004	9/27/2004	10/1/2004	10/1/2004	10/1/2004	10/1/2004	10/1/2004	10/1/2004	10/4/2004	10/4/2004	10/4/2004	9/29/2004	9/29/2004	9/21/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	0.43	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1,1-Trichloroethane	200	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1,2-Trichloroethane	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1-Dichloroethane	5	µg/L	1.7 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	1.3 J	0.6 J	0.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	890	25	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1-Dichloroethene	6	µg/L	0.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	3.9 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1-Dichloropropene	NDRI	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,3-Trichlorobenzene	7.2	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	0.4 J	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,3-Trichloropropane	0.0056	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	1	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,4-Trimethylbenzene	12	µg/L	0.3 J	ND (0.5) J	ND (0.5) J	0.5 J	ND (0.5) J	83 J	2.7 J	1.1 J	ND (0.5) J	0.3 J	0.2 J	52	ND (0.5)	ND (0.5)	ND (0.5) J	0.2 J	ND (0.5) J
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (20)	ND (2)	ND (2)	ND (2) J	ND (2) J	ND (2) J
1,2-Dibromoethane	0.05	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2-Dichlorobenzene	600	µg/L	49 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.7 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	13	340	0.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2-Dichloroethane	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	9.7	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2-Dichloropropane	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,3,5-Trimethylbenzene	12	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	29 J	1.1 J	0.4 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	13	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,3-Dichlorobenzene	180	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	6.6	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,3-Dichloropropane	120	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,4-Dichlorobenzene	5	µg/L	0.7 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	76	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,4-Dioxane (p-dioxane)	6.1	µg/L	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (10,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J
2,2-Dichloropropane	0.16	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
2-Chlorotoluene	120	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
4-Chlorotoluene	NDRI	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Acetone	5,500	µg/L	2.2 J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	4.6 J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	310	ND (4)	ND (4)	ND (4) J	ND (4) J	ND (4) J
Benzene	1	µg/L	0.4 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.7 J	1.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	230	1.3	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromobenzene	20	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromochloromethane	NDRI	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromodichloromethane	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromoform	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromomethane	8.7	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Carbon tetrachloride	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chlorobenzene	70	µg/L	21 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	9 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	18	5.2	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chloroethane	4.6	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	680	3.2	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chloroform	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	2.7 J	3 J	ND (0.5) J	ND (0.5) J	0.8 J	ND (0.5) J	0.9 J	1.2 J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chloromethane	160	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
cis-1,2-Dichloroethene	6	µg/L	39 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.3 J	2.2 J	360 J	0.4 J	ND (0.5) J	ND (0.5) J	36	0.3 J	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Dibromochloromethane	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Dibromomethane	61	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Ethylbenzene	700	µg/L	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	370	0.3 J	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Freon 11	150	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Freon 12	390	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Freon 113	1,200	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Hexachlorobutadiene	0.86	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Isopropylbenzene (cumene)	660	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	3.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	4.5 J	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Methyl ethyl ketone	7,000	µg/L	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	2.3 J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	120	ND (4)	ND (4)	ND (4) J	ND (4) J	ND (4) J
Methyl tert-butyl ether	13	µg/L	0.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	39 J	45 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Methylene chloride	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	9.8	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Naphthalene	0.093	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	42 J	2.4 J	0.4 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	310	0.7	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (1) J

TABLE E2
Analytical Results - Depth-Discrete Groundwater Survey (September - December 2004)
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Sample Location			RGW-01	RGW-01	RGW-01	RGW-01	RGW-01	RGW-02	RGW-02	RGW-02	RGW-02	RGW-02	RGW-02	RGW-03	RGW-03	RGW-03	RGW-04	RGW-04	RGW-05
Sample Depth			**17 ft bgs**	**30 ft bgs**	**40 ft bgs**	**50 ft bgs**	**60 ft bgs**	**12 ft bgs**	**20 ft bgs**	**32 ft bgs**	**42 ft bgs**	**50 ft bgs**	**58 ft bgs**	**17 ft bgs**	**37 ft bgs**	**58 ft bgs**	**20 ft bgs**	**30 ft bgs**	**15 ft bgs**
Sample Date			**9/27/2004**	**9/27/2004**	**9/27/2004**	**9/27/2004**	**9/27/2004**	**10/1/2004**	**10/1/2004**	**10/1/2004**	**10/1/2004**	**10/1/2004**	**10/1/2004**	**10/4/2004**	**10/4/2004**	**10/4/2004**	**9/29/2004**	**9/29/2004**	**9/21/2004**
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
n-Butylbenzene	240	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
n-Propylbenzene	240	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	16 J	0.5 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	4.6 J	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
p-Cymene (p-isopropyltoluene)	660	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.4 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	4 J	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
sec-Butylbenzene	240	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.5 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Styrene	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
tert-Butylbenzene	240	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Tetrachloroethene	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	2.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	0.2 J
Toluene	150	µg/L	1.1 J	0.3 J	ND (0.5) J	0.4 J	0.3 J	0.3 J	0.2 J	0.2 J	ND (0.5) J	ND (0.5) J	0.2 J	6,500 J	7.9	1.5	0.4 J	0.3 J	0.3 J
trans-1,2-Dichloroethene	10	µg/L	3.8 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	44 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	11	13	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Trichloroethene	5	µg/L	5.1 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	57 J	0.2 J	ND (0.5) J	ND (0.5) J	ND (5)	0.2 J	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Vinyl chloride	0.5	µg/L	1.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.8 J	7.7 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	80	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Xylenes, total	1,750	µg/L	1.2 J	0.2 J	ND (0.5) J	0.6 J	0.2 J	4.8 J	0.5 J	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	1,210	1.2 J	ND (0.5)	0.2 J	0.4 J	0.3 J

TABLE E2
Analytical Results - Depth-Discrete Groundwater Survey (September - December 2004)
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	Sample Location		RGW-05	RGW-05	RGW-06	RGW-06	RGW-06	RGW-06	RGW-07	RGW-07	RGW-07	RGW-07	RGW-07	RGW-08	RGW-08	RGW-08	RGW-09	RGW-09	RGW-09
	Sample Depth		25 ft bgs	35 ft bgs	12 ft bgs	22 ft bgs	29 ft bgs	40 ft bgs	12 ft bgs	25 ft bgs	35 ft bgs	43 ft bgs	55 ft bgs	30 ft bgs	38 ft bgs	44 ft bgs	15 ft bgs	25 ft bgs	35 ft bgs
	Sample Date		9/21/2004	9/21/2004	9/20/2004	9/20/2004	9/20/2004	9/20/2004	9/23/2004	9/23/2004	9/23/2004	9/23/2004	9/23/2004	9/17/2004	9/17/2004	9/17/2004	9/28/2004	9/28/2004	9/28/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	0.43	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
1,1,1-Trichloroethane	200	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
1,1,2-Trichloroethane	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	0.7 J	ND (0.5) J
1,1-Dichloroethane	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.5 J	ND (0.5) J	ND (0.5) J	1.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	**69 J**	ND (0.5) J	ND (0.5) J	**10 J**	**90 J**	**46 J**
1,1-Dichloroethene	6	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.4 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (2.1) J	ND (0.5) J	ND (0.5) J	5.1 J	2.6 J	0.8 J
1,1-Dichloropropene	NDRI	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
1,2,3-Trichlorobenzene	7.2	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.6 J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
1,2,3-Trichloropropane	0.0056	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.3 J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
1,2,4-Trimethylbenzene	12	µg/L	0.3 J	1.2 J	2 J	0.2 J	1.2 J	0.9 J	0.2 J	ND (0.5) J	2.6 J	ND (0.5) J	0.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	1.5 J	0.9 J
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (40) J	ND (2) J	ND (2) J
1,2-Dibromoethane	0.05	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
1,2-Dichlorobenzene	600	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	49 J	ND (0.5) J	1.6 J	ND (10) J	ND (0.5) J	ND (0.5) J
1,2-Dichloroethane	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.4 J	ND (0.5) J	**2.8 J**	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
1,2-Dichloropropane	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
1,3,5-Trimethylbenzene	12	µg/L	ND (0.5) J	0.2 J	0.6 J	ND (0.5) J	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.7 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	0.2 J
1,3-Dichlorobenzene	180	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.3 J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
1,3-Dichloropropane	120	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
1,4-Dichlorobenzene	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	**5.7 J**	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
1,4-Dioxane (p-dioxane)	6.1	µg/L	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (20,000) J	**840 J**	ND (1,000) J
2,2-Dichloropropane	0.16	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
2-Chlorotoluene	120	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
4-Chlorotoluene	NDRI	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Acetone	5,500	µg/L	ND (4) J	ND (4) J	ND (4) J	6.9 J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	80 J	16 J	28 J
Benzene	1	µg/L	ND (0.5) J	ND (0.5) J	0.3 J	0.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	**2.1 J**	ND (0.5) J	ND (0.5) J	**5.9 J**	**2.2 J**	0.6 J
Bromobenzene	20	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Bromochloromethane	NDRI	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (10) J	ND (0.5) J	ND (0.5) J
Bromodichloromethane	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Bromoform	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Bromomethane	8.7	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Carbon tetrachloride	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Chlorobenzene	70	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	5.5 J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Chloroethane	4.6	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Chloroform	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.4 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.5 J	4.8 J	0.8 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) R	ND (0.5) R	ND (0.5) R
Chloromethane	160	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (10) J	ND (0.5) J	ND (0.5) J
cis-1,2-Dichloroethene	6	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	1 J	ND (0.5) J	ND (0.5) J	**11 J**	5.7 J	ND (0.5) J	ND (0.5) J	**110 J**	ND (0.5) J	ND (0.5) J	**2,500 J**	**180 J**	**66 J**
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Dibromochloromethane	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Dibromomethane	61	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Ethylbenzene	700	µg/L	ND (0.5) J	0.2 J	1.4 J	0.2 J	0.4 J	0.3 J	0.2 J	ND (0.5) J	0.9 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	11 J	2 J	0.4 J
Freon 11	150	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Freon 12	390	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (10) J	ND (0.5) J	ND (0.5) J
Freon 113	1,200	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Hexachlorobutadiene	0.86	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Isopropylbenzene (cumene)	660	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Methyl ethyl ketone	7,000	µg/L	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (80) J	2.2 J	4.4 J
Methyl tert-butyl ether	13	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.7 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Methylene chloride	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (10) J	ND (0.5) J	ND (0.5) J
Naphthalene	0.093	µg/L	ND (1) J	**0.5 J**	ND (1) J	ND (1) J	**0.5 J**	**0.5 J**	ND (0.5) J	ND (0.5) J	**0.4 J**	ND (0.5) J	ND (0.5) J	ND (1) J	ND (1) J	ND (1) J	ND (10) J	ND (0.5) J	ND (0.5) J

TABLE E2
Analytical Results - Depth-Discrete Groundwater Survey (September - December 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		RGW-05	RGW-05	RGW-06	RGW-06	RGW-06	RGW-06	RGW-07	RGW-07	RGW-07	RGW-07	RGW-07	RGW-08	RGW-08	RGW-08	RGW-09	RGW-09	RGW-09
	Sample Depth		25 ft bgs	35 ft bgs	12 ft bgs	22 ft bgs	29 ft bgs	40 ft bgs	12 ft bgs	25 ft bgs	35 ft bgs	43 ft bgs	55 ft bgs	30 ft bgs	38 ft bgs	44 ft bgs	15 ft bgs	25 ft bgs	35 ft bgs
	Sample Date		9/21/2004	9/21/2004	9/20/2004	9/20/2004	9/20/2004	9/20/2004	9/23/2004	9/23/2004	9/23/2004	9/23/2004	9/23/2004	9/17/2004	9/17/2004	9/17/2004	9/28/2004	9/28/2004	9/28/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
n-Butylbenzene	240	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
n-Propylbenzene	240	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
p-Cymene (p-isopropyltoluene)	660	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
sec-Butylbenzene	240	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Styrene	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
tert-Butylbenzene	240	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Tetrachloroethene	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.9 J	ND (0.5) J	ND (0.5) J	0.3 J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Toluene	150	µg/L	0.2 J	0.3 J	5.6 J	1.2 J	1.3 J	1.1 J	0.9 J	0.3 J	1.7 J	0.7 J	0.3 J	0.5 J	ND (0.5) J	0.2 J	5.7 J	3.5 J	0.8 J
trans-1,2-Dichloroethene	10	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	2.8 J	3.6 J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J	15 J	1.5 J	0.3 J
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (0.5) J
Trichloroethene	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.2 J	ND (0.5) J	ND (0.5) J	0.5 J	1.8 J	ND (0.5) J	ND (0.5) J	7.2 J	ND (0.5) J	ND (0.5) J	880 J	110 J	25 J
Vinyl chloride	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.9 J	0.5 J	ND (0.5) J	ND (0.5) J	45 J	ND (0.5) J	ND (0.5) J	ND (10) J	22 J	14 J
Xylenes, total	1,750	µg/L	0.7 J	1.6 J	9.9 J	1 J	3.1 J	2.3 J	0.9 J	0.3 J	5.5 J	0.8 J	0.6 J	0.8 J	ND (0.5) J	0.2 J	24 J	5.6 J	1.7 J

TABLE E2
Analytical Results - Depth-Discrete Groundwater Survey (September - December 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RGW-09	RGW-09	RGW-09	RGW-10	RGW-10	RGW-10	RGW-11	RGW-11	RGW-11	RGW-12	RGW-12	RGW-12	RGW-12	RGW-12	RGW-12	RGW-12	RGW-12
Sample Depth			45 ft bgs	55 ft bgs	65 ft bgs	32 ft bgs	40 ft bgs	50 ft bgs	10 ft bgs	22 ft bgs	40 ft bgs	14 ft bgs	14 ft bgs (FD)	24 ft bgs	24 ft bgs (FD)	34 ft bgs	34 ft bgs (FD)	44 ft bgs	44 ft bgs (FD)
Sample Date			9/28/2004	9/28/2004	9/28/2004	9/24/2004	9/24/2004	9/24/2004	9/22/2004	9/22/2004	9/22/2004	10/20/2004	10/20/2004	10/20/2004	10/20/2004	10/20/2004	10/20/2004	10/20/2004	10/20/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	0.43	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1,1-Trichloroethane	200	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	1.4 J	0.6 J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1,2-Trichloroethane	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1-Dichloroethane	5	µg/L	9.5 J	ND (1.3) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	3.4 J	180 J	0.2 J	24 J	13 J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1-Dichloroethene	6	µg/L	0.7 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	56 J	2.8 J	1.5 J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1-Dichloropropene	NE	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,3-Trichlorobenzene	7.2	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	20 J	14 J	0.2 J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,3-Trichloropropane	0.0056	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	85 J	63 J	1.2 J	3.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,4-Trimethylbenzene	12	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.2 J	0.2 J	0.4 J	620 J	610 J	23 J	ND (2.5) J	ND (0.5) J	ND (0.5) J	0.2 J	0.3 J
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (1) J	ND (80) J	ND (1) J	ND (10) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J
1,2-Dibromoethane	0.05	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2-Dichlorobenzene	600	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	2.4 J	ND (0.5) J	7,800 J	7,300 J	170 J	240 J	ND (0.5) J	ND (0.5) J	0.3 J	0.3 J
1,2-Dichloroethane	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.5 J	ND (0.5) J	0.4 J	ND (0.5) J	0.7 J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2-Dichloropropane	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (12) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,3,5-Trimethylbenzene	12	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	160 J	110 J	7.3 J	6.9 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,3-Dichlorobenzene	180	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	360 J	320 J	7.7 J	16 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,3-Dichloropropane	120	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,4-Dichlorobenzene	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.2 J	ND (0.5) J	3,500 J	3,300 J	80 J	110 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.2 J
1,4-Dioxane (p-dioxane)	6.1	µg/L	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (20,000) J	ND (1,000) J	---	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J
2,2-Dichloropropane	0.16	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
2-Chlorotoluene	120	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	6.3 J	7.4 J	0.2 J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
4-Chlorotoluene	NE	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Acetone	5,500	µg/L	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	16 J	ND (4) J	ND (4) J	8.9 J	ND (80) J	3.7 J	ND (20) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J
Benzene	1	µg/L	ND (0.5) J	0.4 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.6 J	0.3 J	ND (0.5) J	27 J	23 J	0.3 J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromobenzene	20	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromochloromethane	NE	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) R	ND (0.5) J	ND (0.5) R	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromodichloromethane	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromoform	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (20) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromomethane	8.7	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Carbon tetrachloride	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.3 J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chlorobenzene	70	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.2 J	0.8 J	ND (0.5) J	6,700 J	6,100 J	140 J	180 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chloroethane	4.6	µg/L	1.5 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	2.4 J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chloroform	100	µg/L	ND (0.5) R	ND (0.5) R	0.4 J	ND (0.5) J	ND (0.5) J	8.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	4.1 J	4.4 J	ND (0.5) J	ND (0.5) J	3.7 J	3.1 J
Chloromethane	160	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
cis-1,2-Dichloroethene	6	µg/L	6 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	3.2 J	1.4 J	ND (0.5) J	680 J	500 J	3.5 J	8.6 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Dibromochloromethane	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Dibromomethane	61	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Ethylbenzene	700	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.2 J	ND (0.5) J	0.2 J	21 J	11 J	0.9 J	1.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Freon 11	150	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Freon 113	1,200	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Freon 12	390	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Hexachlorobutadiene	0.86	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Isopropylbenzene (cumene)	660	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	46 J	32 J	1.9 J	1.4 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Methyl ethyl ketone	7,000	µg/L	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	4.4 J	ND (4) J	ND (4) J	ND (4) J	ND (80) J	ND (4) J	ND (20) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J
Methyl tert-butyl ether	13	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	0.2 J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Methylene chloride	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.5 J	ND (10) J	ND (0.5) J	3.8 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J

TABLE E2
Analytical Results - Depth-Discrete Groundwater Survey (September - December 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RGW-09	RGW-09	RGW-09	RGW-10	RGW-10	RGW-10	RGW-11	RGW-11	RGW-11	RGW-12	RGW-12	RGW-12	RGW-12	RGW-12	RGW-12	RGW-12	RGW-12
Sample Depth			45 ft bgs	55 ft bgs	65 ft bgs	32 ft bgs	40 ft bgs	50 ft bgs	10 ft bgs	22 ft bgs	40 ft bgs	14 ft bgs	14 ft bgs (FD)	24 ft bgs	24 ft bgs (FD)	34 ft bgs	34 ft bgs (FD)	44 ft bgs	44 ft bgs (FD)
Sample Date			9/28/2004	9/28/2004	9/28/2004	9/24/2004	9/24/2004	9/24/2004	9/22/2004	9/22/2004	9/22/2004	10/20/2004	10/20/2004	10/20/2004	10/20/2004	10/20/2004	10/20/2004	10/20/2004	10/20/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
Naphthalene	0.093	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.2 J	ND (0.5) J	ND (0.5) J	160 J	130 J	2.2 J	6.4 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
n-Butylbenzene	240	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	0.4 J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
n-Propylbenzene	240	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	150 J	110 J	6.7 J	3.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
p-Cymene (p-isopropyltoluene)	660	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	4.2 J	12 J	1.1 J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
sec-Butylbenzene	240	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	3.3 J	ND (10) J	0.3 J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Styrene	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
tert-Butylbenzene	240	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Tetrachloroethene	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	12 J	ND (10) J	0.3 J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Toluene	150	µg/L	ND (0.5) J	0.3 J	ND (0.5) J	0.4 J	ND (0.5) J	0.6 J	1.1 J	0.6 J	0.4 J	100 J	73 J	3.4 J	5.8 J	ND (0.5) J	ND (0.5) J	0.3 J	0.3 J
trans-1,2-Dichloroethene	10	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	15 J	6.8 J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Trichloroethene	5	µg/L	1.1 J	0.5 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	1 J	ND (0.5) J	ND (0.5) J	1.4 J	ND (10) J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Vinyl chloride	0.5	µg/L	2.7 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	5.8 J	3.9 J	ND (0.5) J	33 J	27 J	ND (0.5) J	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Xylenes, total	1,750	µg/L	0.2 J	0.2 J	ND (0.5) J	0.2 J	ND (0.5) J	0.3 J	1.2 J	0.9 J	0.9 J	131 J	92 J	6 J	5.8 J	ND (0.5) J	ND (0.5) J	0.3 J	0.4 J

TABLE E2
Analytical Results - Depth-Discrete Groundwater Survey (September - December 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RGW-13	RGW-13	RGW-13	RGW-13	RGW-13	RGW-14	RGW-14	RGW-14	RGW-14	RGW-14	RGW-14	RGW-14	RGW-15	RGW-15	RGW-15	RGW-15	RGW-15
Sample Depth			22 ft bgs	32 ft bgs	42 ft bgs	50 ft bgs	58 ft bgs	9 ft bgs	16 ft bgs	16 ft bgs (FD)	26 ft bgs	26 ft bgs (FD)	36 ft bgs	46 ft bgs	16 ft bgs	29 ft bgs	36 ft bgs	36 ft bgs (FD)	43 ft bgs
Sample Date			9/30/2004	9/30/2004	9/30/2004	9/30/2004	9/30/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/26/2004	11/2/2004	11/2/2004	11/2/2004	11/2/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	0.43	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1,1-Trichloroethane	200	µg/L	1.7 J	0.6 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1,2,2-Tetrachloroethane	1	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1,2-Trichloroethane	5	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	2.5 J
1,1-Dichloroethane	5	µg/L	ND (2.5) J	ND (77) J	0.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	12 J	12 J	2.2 J	2.3 J	1.1 J	0.4 J	ND (1) J	21 J	0.9 J	1 J	3 J
1,1-Dichloroethene	6	µg/L	ND (2.5) R	0.9 J	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (0.5) J	1 J	0.9 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	0.3 J	0.3 J	4.5 J
1,1-Dichloropropene	NE	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,3-Trichlorobenzene	7.2	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,3-Trichloropropane	0.0056	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,4-Trichlorobenzene	5	µg/L	1.9 J	0.7 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,4-Trimethylbenzene	12	µg/L	300 J	2.8 J	2.1 J	3.8 J	0.9 J	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.2 J
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (10) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (4) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J
1,2-Dibromoethane	0.05	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2-Dichlorobenzene	600	µg/L	390 J	ND (150) J	3.4 J	4.2 J	1.4 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2-Dichloroethane	0.5	µg/L	ND (2.5) J	4 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	0.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2-Dichloropropane	5	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,3,5-Trimethylbenzene	12	µg/L	6.7 J	ND (0.5) J	ND (0.5) J	0.4 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,3-Dichlorobenzene	180	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,3-Dichloropropane	120	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,4-Dichlorobenzene	5	µg/L	59 J	ND (26) J	0.6 J	0.7 J	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,4-Dioxane (p-dioxane)	6.1	µg/L	ND (5,000) J	1,200 J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	---	---	---	---	ND (1,000) J	ND (1,000) J	ND (2,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J
2,2-Dichloropropane	0.16	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
2-Chlorotoluene	120	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
4-Chlorotoluene	NE	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Acetone	5,500	µg/L	22 J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	11 J	12 J	15 J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	11 J	ND (4) J	ND (4) J	ND (4) J	13 J
Benzene	1	µg/L	210 J	2.2 J	0.2 J	0.2 J	ND (0.5) J	0.2 J	0.5 J	0.5 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	0.2 J	ND (0.5) J	ND (0.5) J	1.8 J
Bromobenzene	20	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromochloromethane	NE	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromodichloromethane	100	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromoform	100	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromomethane	8.7	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Carbon tetrachloride	0.5	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chlorobenzene	70	µg/L	13 J	0.9 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chloroethane	4.6	µg/L	460 J	3.7 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chloroform	100	µg/L	ND (2.5) J	ND (0.5) J	0.4 J	3.9 J	1.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.9 J	1 J	0.6 J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.8 J
Chloromethane	160	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.2 J
cis-1,2-Dichloroethene	6	µg/L	38 J	ND (61) J	0.5 J	0.7 J	ND (0.5) J	ND (0.5) J	22 J	21 J	0.2 J	0.2 J	1.5 J	0.3 J	ND (1) J	6 J	2.2 J	2.3 J	53 J
cis-1,3-Dichloropropene	0.5	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Dibromochloromethane	100	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Dibromomethane	61	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Ethylbenzene	700	µg/L	140 J	1 J	0.6 J	1 J	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	2.4 J
Freon 11	150	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Freon 113	1,200	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Freon 12	390	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Hexachlorobutadiene	0.86	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Isopropylbenzene (cumene)	660	µg/L	27 J	0.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Methyl ethyl ketone	7,000	µg/L	ND (20) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J	ND (8) J	ND (4) J	ND (4) J	ND (4) J	ND (4) J
Methyl tert-butyl ether	13	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Methylene chloride	5	µg/L	8.5 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J

TABLE E2
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Sample Location			RGW-13	RGW-13	RGW-13	RGW-13	RGW-13	RGW-14	RGW-14	RGW-14	RGW-14	RGW-14	RGW-14	RGW-14	RGW-15	RGW-15	RGW-15	RGW-15	RGW-15
Sample Depth			22 ft bgs	32 ft bgs	42 ft bgs	50 ft bgs	58 ft bgs	9 ft bgs	16 ft bgs	16 ft bgs (FD)	26 ft bgs	26 ft bgs (FD)	36 ft bgs	46 ft bgs	16 ft bgs	29 ft bgs	36 ft bgs	36 ft bgs (FD)	43 ft bgs
Sample Date			9/30/2004	9/30/2004	9/30/2004	9/30/2004	9/30/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/26/2004	11/2/2004	11/2/2004	11/2/2004	11/2/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
Naphthalene	0.093	µg/L	320 J	1.1 J	0.6 J	1.4 J	0.3 J	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.2 J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
n-Butylbenzene	240	µg/L	1.8 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
n-Propylbenzene	240	µg/L	58 J	0.5 J	0.4 J	0.7 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
p-Cymene (p-isopropyltoluene)	660	µg/L	63 J	0.6 J	0.5 J	0.8 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.8 J
sec-Butylbenzene	240	µg/L	2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Styrene	100	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
tert-Butylbenzene	240	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Tetrachloroethene	5	µg/L	1.5 J	3.4 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	3.6 J
Toluene	150	µg/L	ND (110) J	4.1 J	1.4 J	3.6 J	0.4 J	0.6 J	0.2 J	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	1.7 J
trans-1,2-Dichloroethene	10	µg/L	ND (2.5) J	11 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.2 J	0.2 J	ND (0.5) J	ND (0.5) J	0.3 J	ND (0.5) J	ND (1) J	3.2 J	ND (0.5) J	0.2 J	2.3 J
trans-1,3-Dichloropropene	0.5	µg/L	ND (2.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.2 J
Trichloroethene	5	µg/L	9.7 J	10 J	0.2 J	0.3 J	ND (0.5) J	ND (0.5) J	0.2 J	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1) J	2.7 J	3.1 J	3.2 J	670 J
Vinyl chloride	0.5	µg/L	3.6 J	ND (230) J	0.7 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	4.7 J	4.6 J	0.2 J	0.3 J	0.4 J	0.4 J	ND (1) J	4.9 J	ND (0.5) J	ND (0.5) J	0.7 J
Xylenes, total	1,750	µg/L	570 J	4.4 J	2.4 J	4.7 J	0.7 J	0.7 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.2 J	ND (0.5) J	ND (1) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	5.4 J

TABLE E2
Analytical Results - Depth-Discrete Groundwater Survey (September - December 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RGW-16	RGW-16	RGW-16	RGW-16	RGW-17	RGW-17	RGW-17	RGW-17	RGW-17
Sample Depth			7 ft bgs	17 ft bgs	39 ft bgs	47 ft bgs	15 ft bgs	25 ft bgs	35 ft bgs	35 ft bgs (FD)	45 ft bgs
Sample Date			11/30/2004	11/30/2004	12/2/2004	12/2/2004	11/30/2004	12/1/2004	12/1/2004	12/1/2004	12/1/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**								
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	0.43	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1,1-Trichloroethane	200	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1,2-Trichloroethane	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1-Dichloroethane	5	µg/L	10 J	20 J	ND (0.5) J	1 J	0.2 J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1-Dichloroethene	6	µg/L	ND (0.5) J	0.4 J	ND (0.5) J	0.2 J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,1-Dichloropropene	NE	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,3-Trichlorobenzene	7.2	µg/L	ND (1) J	5.1 J	ND (1) J	ND (1) J	ND (1) J	ND (50) J	ND (1) J	ND (1) J	ND (1) J
1,2,3-Trichloropropane	0.0056	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2,4-Trichlorobenzene	5	µg/L	ND (1) J	ND (0.5) J	ND (1) J	ND (1) J	ND (1) J	ND (50) J	ND (1) J	ND (1) J	ND (1) J
1,2,4-Trimethylbenzene	12	µg/L	ND (0.5) J	ND (0.5) J	0.7 J	1.1 J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (2) J	2.4 J	ND (2) J	ND (2) J	ND (2) J	ND (100) J	ND (2) J	ND (2) J	ND (2) J
1,2-Dibromoethane	0.05	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2-Dichlorobenzene	600	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2-Dichloroethane	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2-Dichloropropane	5	µg/L	0.2 J	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,3,5-Trimethylbenzene	12	µg/L	ND (0.5) J	ND (0.5) J	0.2 J	0.2 J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,3-Dichlorobenzene	180	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,3-Dichloropropane	120	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,4-Dichlorobenzene	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,4-Dioxane (p-dioxane)	6.1	µg/L	780 J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J	ND (50,000) J	ND (1,000) J	ND (1,000) J	ND (1,000) J
2,2-Dichloropropane	0.16	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
2-Chlorotoluene	120	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
4-Chlorotoluene	NE	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Acetone	5,500	µg/L	7.3 J	25 J	ND (4) J	ND (4) J	2.3 J	ND (200) J	ND (4) J	ND (4) J	ND (4) J
Benzene	1	µg/L	2.1 J	2.7 J	ND (0.5) J	0.2 J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromobenzene	20	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromochloromethane	NE	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromodichloromethane	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Bromoform	100	µg/L	ND (1) J	ND (0.5) J	ND (1) J	ND (1) J	ND (1) J	ND (50) J	ND (1) J	ND (1) J	ND (1) J
Bromomethane	8.7	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Carbon tetrachloride	0.5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chlorobenzene	70	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chloroethane	4.6	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chloroform	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Chloromethane	160	µg/L	ND (0.5) J	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
cis-1,2-Dichloroethene	6	µg/L	0.9 J	210	ND (0.5) J	0.7 J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5) J	4.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Dibromochloromethane	100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Dibromomethane	61	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Ethylbenzene	700	µg/L	0.2 J	ND (0.5) J	0.5 J	0.4 J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Freon 11	150	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Freon 113	1,200	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Freon 12	390	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Hexachlorobutadiene	0.86	µg/L	ND (1) J	ND (0.5) J	ND (1) J	ND (1) J	ND (1) J	ND (50) J	ND (1) J	ND (1) J	ND (1) J
Isopropylbenzene (cumene)	660	µg/L	0.2 J	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Methyl ethyl ketone	7,000	µg/L	2 J	3.2 J	ND (4) J	ND (4) J	ND (4) J	ND (200) J	ND (4) J	ND (4) J	ND (4) J
Methyl tert-butyl ether	13	µg/L	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Methylene chloride	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J

TABLE E2
Analytical Results - Depth-Discrete Groundwater Survey (September - December 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location	RGW-16	RGW-16	RGW-16	RGW-16	RGW-17	RGW-17	RGW-17	RGW-17	RGW-17
	Sample Depth	7 ft bgs	17 ft bgs	39 ft bgs	47 ft bgs	15 ft bgs	25 ft bgs	35 ft bgs	35 ft bgs (FD)	45 ft bgs
	Sample Date	11/30/2004	11/30/2004	12/2/2004	12/2/2004	11/30/2004	12/1/2004	12/1/2004	12/1/2004	12/1/2004
Analyte	**Screening Level** **Units**	**Analytical Results**								
Volatile Organic Compounds										
Naphthalene	0.093 µg/L	ND (1) J	ND (0.5) J	ND (1) J	ND (1) J	ND (1) J	ND (50) J	ND (1) J	ND (1) J	ND (1) J
n-Butylbenzene	240 µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
n-Propylbenzene	240 µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
p-Cymene (p-isopropyltoluene)	660 µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
sec-Butylbenzene	240 µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Styrene	100 µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
tert-Butylbenzene	240 µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Tetrachloroethene	5 µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Toluene	150 µg/L	0.5 J	0.7 J	2.4 J	1.2 J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
trans-1,2-Dichloroethene	10 µg/L	ND (0.5) J	0.3 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
trans-1,3-Dichloropropene	0.5 µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Trichloroethene	5 µg/L	0.2 J	0.2 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Vinyl chloride	0.5 µg/L	0.6 J	7.2 J	ND (0.5) J	0.5 J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Xylenes, total	1,750 µg/L	ND (0.5) J	ND (0.5) J	3.1 J	2.4 J	ND (0.5) J	ND (25) J	ND (0.5) J	ND (0.5) J	ND (0.5) J

Notes:
Results greater than the screening level are bolded.
Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Groundwater Screening Level table for source of screening levels.

NA not applicable
NDRI not detected in groundwater during the Remedial Investigation phase
--- not analyzed
FD field duplicate
µg/L micrograms per liter
ND not detected above the laboratory's reporting limit shown in parentheses
J estimated value
R rejected for failure to meet quality control requirements

TABLE E3
Analytical Results - Groundwater, First Quarter 2005 (March)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12*	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			3/17/2005	3/18/2005	3/17/2005	3/17/2005	3/17/2005	3/23/2005	4/21/2005	3/22/2005	3/22/2005	3/23/2005	3/23/2005	3/23/2005	3/15/2005	3/16/2005	3/16/2005	3/15/2005	3/15/2005
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	0.43	µg/L	---	---	---	---	---	---	ND (10)	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	630	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	7.4 J	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5	µg/L	ND (0.5)	36	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1,500	ND (10) J	34	550	360	ND (0.5)	0.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6	µg/L	ND (0.5)	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	120	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloropropene	NDRI	µg/L	---	---	---	---	---	---	ND (10)	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	7.2	µg/L	---	---	---	---	---	---	ND (10)	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	0.0056	µg/L	---	---	---	---	---	---	ND (10)	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trimethylbenzene	12	µg/L	---	---	---	---	---	---	650	---	---	---	---	---	---	---	---	---	---
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) R	ND (40)	ND (10) R	ND (5) R	ND (100) R	ND (100) R	ND (0.5) R	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
1,2-Dibromoethane	0.05	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichlorobenzene	600	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	38 J	170	180	5,700	1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	18	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3,5-Trimethylbenzene	12	µg/L	---	---	---	---	---	---	200	---	---	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	180	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (10) J	7	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichloropropane	120	µg/L	---	---	---	---	---	---	ND (10)	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (10) J	76	ND (400)	830	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2,2-Dichloropropane	0.16	µg/L	---	---	---	---	---	---	ND (10)	---	---	---	---	---	---	---	---	---	---
2-Chlorotoluene	120	µg/L	---	---	---	---	---	---	ND (10)	---	---	---	---	---	---	---	---	---	---
2-Hexanone	2,000	µg/L	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (4) J	---	ND (80) J	ND (40) J	ND (400) J	ND (400) J	ND (4) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J
4-Chlorotoluene	NDRI	µg/L	---	---	---	---	---	---	ND (10)	---	---	---	---	---	---	---	---	---	---
Acetone	5,500	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (4)	720 J	ND (80) J	ND (40)	ND (400)	1,900	ND (4)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	1	µg/L	ND (0.5)	0.9	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	180	ND (10) J	7	360	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromobenzene	20	µg/L	---	---	---	---	---	---	ND (10)	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	NDRI	µg/L	---	---	---	---	---	---	ND (10)	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	8.7	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (10)	ND (10) J	ND (5) J	ND (400) J	ND (400) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.6)	---	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	70	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	17	530 J	98	ND (400)	110	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane	4.6	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1	270	ND (10) J	170	110	200	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	160	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	6	µg/L	ND (0.5)	49	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	48,000	ND (10) J	60	4,600	350	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	4	ND (0.5)
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Cyclohexane	10,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromomethane	61	µg/L	---	---	---	---	---	---	ND (10)	---	---	---	---	---	---	---	---	---	---
Ethyl tert-butyl ether	11	µg/L	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (0.5)	ND (80)	ND (10) J	ND (0.5)	ND (100)	ND (100)	ND (0.5)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	230	38 J	ND (5)	1,000	120	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 11	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 12	390	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	37	14 J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methyl acetate	6,100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	---	ND (10) J	ND (5) J	ND (400) J	ND (400) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Methyl ethyl ketone	7,000	µg/L	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (4) J	570	ND (80) J	ND (40) J	2,900 J	1,800 J	ND (4) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J

TABLE E3
Analytical Results - Groundwater, First Quarter 2005 (March)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12*	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			3/17/2005	3/18/2005	3/17/2005	3/17/2005	3/17/2005	3/23/2005	4/21/2005	3/22/2005	3/22/2005	3/23/2005	3/23/2005	3/23/2005	3/15/2005	3/16/2005	3/16/2005	3/15/2005	3/15/2005
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
Methyl isobutyl ketone	2,000	µg/L	ND (10)	ND (10) J	ND (10)	ND (10)	ND (10)	ND (4) J	---	ND (80) J	ND (40)	2,100	14,000 J	ND (4)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Methyl tert-butyl ether	13	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (40)	ND (10) J	17 J	ND (400) J	ND (400) J	ND (0.5) J	1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylcyclohexane	5,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5	µg/L	0.9 J	ND (0.5) J	ND (0.7) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (10)	ND (10) J	6 J	110 J	180 J	ND (0.5) J	ND (0.5) J	ND (1) J	ND (0.6) J	ND (0.8) J	ND (0.5) J
Naphthalene	0.093	µg/L	---	---	---	---	---	---	130	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	240	µg/L	---	---	---	---	---	---	ND (10)	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	240	µg/L	---	---	---	---	---	---	96	---	---	---	---	---	---	---	---	---	---
p-Cymene (p-isopropyltoluene)	660	µg/L	---	---	---	---	---	---	210	---	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	240	µg/L	---	---	---	---	---	---	12	---	---	---	---	---	---	---	---	---	---
Styrene	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
tert-Amyl methyl ether	11	µg/L	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (0.5)	ND (80)	ND (10) J	ND (0.5)	ND (100)	ND (100)	ND (0.5)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
tert-Butyl alcohol	1,800	µg/L	ND (50) R	ND (50) R	ND (50) R	ND (50) R	ND (50) R	ND (50) R	ND (400)	ND (1,000) R	ND (50) R	ND (10,000) R	ND (10,000) R	ND (50) R	ND (50) R	ND (50) R	ND (50) R	ND (50) R	ND (50) R
tert-Butylbenzene	240	µg/L	---	---	---	---	---	---	ND (10)	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Toluene	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	22,000	ND (10) J	54	12,000	3,000	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	10	µg/L	ND (0.5)	1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	370	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (10) J	ND (5)	ND (400)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5	µg/L	ND (0.5)	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	30	ND (10) J	ND (5)	ND (100)	ND (400)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	0.5	µg/L	ND (0.5)	16	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	7,700	ND (10) J	ND (5)	ND (400)	4,100	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Xylenes, total	1,750	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1,560	35 J	26	4,600	780	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Semivolatile Organic Compounds																			
1,1'-Biphenyl	300	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	---	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	5	µg/L	---	---	---	---	---	---	ND (1)	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	600	µg/L	---	---	---	---	---	---	6.1	---	---	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	180	µg/L	---	---	---	---	---	---	ND (1)	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	5	µg/L	---	---	---	---	---	---	0.8 J	---	---	---	---	---	---	---	---	---	---
1,4-Dioxane (p-dioxane)	6.1	µg/L	0.4	200	ND (0.1)	17	9	61	30 J	ND (5)	38	65	1,600	ND (5)	66	0.6	64	0.1	ND (0.1)
2,2'-Oxybis(1-Chloropropane)	0.01	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20) J	---	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4,5-Trichlorophenol	3,600	µg/L	ND (25)	ND (25) J	ND (25)	ND (25) J	ND (25) J	ND (50)	ND (5)	ND (25) J	ND (25)	ND (250)	ND (25) J	ND (25) J	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	0.96	µg/L	ND (0.1)	0.2	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) J	ND (5)	ND (0.1)	ND (0.1)	10	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
2,4-Dichlorophenol	110	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (5)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	730	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	280	ND (10) J	360	270	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	73	µg/L	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (50) R	ND (5) J	ND (25) R	ND (25)	ND (250) R	ND (25) R	ND (25) R	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J
2,4-Dinitrotoluene	73	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1) J	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	36	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	490	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	30	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (5) J	3 J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	24	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	88	240	ND (10)	860	390 J	1 J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	1,800	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	540 J	ND (10) J	25	300	860	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	110	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) J	ND (5)	0.7	ND (0.1)	10	ND (0.1)	ND (0.1)	0.7	ND (0.1)	0.3	ND (0.1)	ND (0.1)
2-Nitrophenol	NDRI	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (5)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
3&4-Methylphenol	180	µg/L	---	---	---	---	---	---	840 J	---	---	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzidine	0.15	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) J	ND (5) R	ND (0.1)	ND (0.1)	ND (1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
3-Nitroaniline	NDRI	µg/L	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (50) J	ND (5) J	ND (25) J	ND (25) J	ND (250) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J
4,6-Dinitro-2-methylphenol	NDRI	µg/L	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (50) J	ND (5) J	ND (25) J	ND (25)	ND (250) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J
4-Bromophenylphenyl ether	NDRI	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	1,800	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	58 J	ND (10) J	120	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	150	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (5) R	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenylphenyl ether	NDRI	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

TABLE E3
Analytical Results - Groundwater, First Quarter 2005 (March)
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AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12*	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			3/17/2005	3/18/2005	3/17/2005	3/17/2005	3/17/2005	3/23/2005	4/21/2005	3/22/2005	3/22/2005	3/23/2005	3/23/2005	3/23/2005	3/15/2005	3/16/2005	3/16/2005	3/15/2005	3/15/2005
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Semivolatile Organic Compounds																			
4-Methylphenol	180	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	---	ND (10) J	95	510	2,900	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Nitroaniline	NDRI	µg/L	ND (25)	ND (25) J	ND (25)	ND (25) J	ND (25) J	ND (50)	ND (5)	ND (25) J	ND (25)	ND (250)	ND (25) J	ND (25) J	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	73	µg/L	ND (25)	ND (25) J	ND (25)	ND (25) J	ND (25) J	ND (50)	ND (5) J	ND (25) J	ND (25)	ND (250)	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J
Acenaphthene	370	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1) J	2 J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	180	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	150,000	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	---	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	1,800	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	3	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) J	---	ND (0.1)	ND (0.1)	2	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzaldehyde	3,600	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	---	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)anthracene	0.092	µg/L	ND (0.04)	ND (0.01)	ND (0.04)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (1)	0.1	ND (0.01)	0.9	ND (0.01)	ND (0.01)	ND (0.04)	ND (0.04)	ND (0.04)	ND (0.04)	ND (0.04)
Benzo(a)pyrene	0.2	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	0.01 J	ND (1)	0.03	ND (0.01)	0.4	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzo(b)fluoranthene	0.092	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	0.02 J	ND (1)	0.04	ND (0.01)	0.5	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzo(g,h,i)perylene	180	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	0.02 J	ND (1)	0.02	0.02	0.2	ND (0.01)	ND (0.01)	0.01	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzo(k)fluoranthene	0.056	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (1)	0.03	ND (0.01)	0.4	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzyl butyl phthalate	7,300	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100) J	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	0.01	µg/L	ND (0.1)	0.1	ND (0.1)	ND (0.1)	0.02 J	0.2 J	ND (1)	ND (0.1)	ND (0.1)	ND (1)	3	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
bis(2-Chloroethyl)ether	0.01	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.08)	ND (0.08)	ND (0.1) J	ND (1)	ND (0.1)	ND (0.1)	ND (3)	26	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
bis(2-Chloroisopropyl)ether	NDRI	µg/L	---	---	---	---	---	---	ND (1)	---	---	---	---	---	---	---	---	---	---
bis(2-Ethylhexyl)phthalate	4.8	µg/L	ND (5)	4	ND (5)	ND (5)	ND (5)	ND (4.8) J	1	ND (4.8)	ND (4.8)	ND (48)	ND (4.8)	ND (4.8)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Caprolactam	18,000	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	---	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbazole	3.4	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) J	ND (1)	ND (0.1)	ND (0.1)	39	0.6	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Chrysene	0.56	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	0.0092	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (1)	ND (0.01)	ND (0.01)	ND (0.1)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Dibenzofuran	12	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Diethylphthalate	29,000	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dimethylphthalate	360,000	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1) J	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butyl phthalate	3,600	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate	1,500	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100) J	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Diphenylamine	NDRI	µg/L	---	---	---	---	---	---	ND (1)	---	---	---	---	---	---	---	---	---	---
Fluoranthene	1,500	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	240	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	1 J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	1	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) J	ND (1)	ND (0.1)	ND (0.1)	ND (1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Hexachlorobutadiene	0.86	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) J	ND (1)	ND (0.1)	ND (0.1)	ND (1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Hexachlorocyclopentadiene	50	µg/L	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (20) J	ND (1) J	ND (10) J	ND (10) J	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachloroethane	4.8	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	0.05 J	0.04 J	ND (0.1) J	ND (1) J	ND (0.1)	ND (0.1)	1	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Indeno(1,2,3-c,d)pyrene	0.092	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	0.01 J	ND (1)	0.02	ND (0.01)	0.2	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Isophorone	71	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	0.093	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	---	18 J	ND (10)	370	100 J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Nitrobenzene	3.4	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	2 J	ND (1)	2	ND (0.1)	ND (1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
N-Nitrosodi-n-propylamine	0.0096	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (1)	2	ND (0.01)	ND (0.1)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
N-Nitrosodiphenylamine	14	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	---	ND (10) J	ND (10)	ND (100) J	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	1	µg/L	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) J	11 J	0.2 J	2 J	85 J	0.5 J	ND (1) J	ND (1) J	0.5 J	ND (1) J	ND (1) J	ND (1) J
Phenanthrene	180	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	2 J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	11,000	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	190 J	ND (10) J	ND (10)	100	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	180	µg/L	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10) J	ND (20)	ND (1)	ND (10) J	ND (10)	ND (100)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Metals																			
Aluminum	1,000	µg/L	ND (200)	ND (200)	ND (200) J	405	ND (200)	6,670	1,100	12,700	ND (200)	357	ND (200)	ND (200)	2,820	892	375	11,500	2,050
Aluminum (Dissolved)	1,000	µg/L	ND (200)	ND (200)	ND (200)	ND (200)	188 J	---	ND (20)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)
Antimony	6	µg/L	ND (2)	ND (2) J	ND (2)	ND (2)	ND (2) J	2.9	ND (1)	ND (2) J	ND (2)	ND (2) J	ND (2) J	ND (2)	ND (2) J	ND (2) J	ND (2)	ND (2)	ND (2)

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Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12*	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			3/17/2005	3/18/2005	3/17/2005	3/17/2005	3/17/2005	3/23/2005	4/21/2005	3/22/2005	3/22/2005	3/23/2005	3/23/2005	3/23/2005	3/15/2005	3/16/2005	3/16/2005	3/15/2005	3/15/2005
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Metals																			
Antimony (Dissolved)	6	µg/L	ND (2)	ND (2) J	ND (2) J	ND (2) J	2.2	---	ND (1)	ND (2) J	ND (2)	ND (2) J	ND (2) J	ND (2)	ND (2) J	ND (2) J	ND (2) J	ND (2)	ND (2)
Arsenic	10	µg/L	6.6	108	4.6	14.1	47.3	82.7	54 J+	6.7	6.5	33.5	28.9	1.1	10.5	2.4	12.8	11.8	1.5 J
Arsenic (Dissolved)	10	µg/L	4.5	124	5.1	14.6	59.9	---	52	7.9	6.1	35.1	32	1.1	11.6	1.8	10	12.6	1.2
Barium	1,000	µg/L	108	46.1	64.6	20.5	57.4	205	180	176	56.6	536	129	85	98.2	157	45.7	154	128
Barium (Dissolved)	1,000	µg/L	96.8	49	65.4	18.9	58.9	---	160	91.1	64.7	555	148	90.4	231	150	34.9	100	118
Beryllium	4	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	0.11 J	0.36 J	ND (0.5)	0.32 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.27 J	ND (2)
Beryllium (Dissolved)	4	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	0.07 J	---	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Boron	7,300	µg/L	---	---	---	---	---	---	1,500	---	---	---	---	---	---	---	---	---	---
Boron (Dissolved)	7,300	µg/L	---	---	---	---	---	---	1,500	---	---	---	---	---	---	---	---	---	---
Cadmium	5	µg/L	ND (1)	0.91 J	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1)	0.08 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.11 J	0.12 J
Cadmium (Dissolved)	5	µg/L	ND (1)	0.68 J	ND (1)	ND (1)	ND (1)	---	ND (1)	0.32 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J
Chromium	50	µg/L	2.2 J	ND (2) J	ND (2) J	2.4 J	9.7 J	49.4	6.9	47.2	ND (2) J	4.7	20	ND (2) J	12.5 J	4.3 J	3.9 J	37.9 J	8.1 J
Chromium (Dissolved)	50	µg/L	ND (2) J	ND (2) J	ND (2) J	ND (2) J	16.5 J	---	1.5 J	ND (2) J	ND (2) J	2.5 J	2.2 J	ND (2) J	3.3 J	ND (2) J	ND (2) J	2.9 J	ND (2) J
Cobalt	730	µg/L	ND (1)	15.5	ND (1) J	5.2	3 J	7.6 J	1.4	6.5	1.7	5.6	6.6	5.6	3.5	ND (1)	2.2	8.4 J	3.2 J
Cobalt (Dissolved)	730	µg/L	0.54 J	16.5 J	0.09 J	6 J	3.2 J	---	0.59	1.5	1.7	5.3 J	7 J	5.7	2.8 J	0.59 J	1.3 J	4.2 J	2.3 J
Copper	1,300	µg/L	27.4 J	16.6 J	12.5 J	13.8 J	1,650 J	51.7 J	2.8	31.3	7.4	4.5	10.9	ND (2)	14.7 J	6.2 J	12.1 J	11.7 J	9.5 J
Copper (Dissolved)	1,300	µg/L	24.2 J	16.3 J	11 J	8.9 J	196 J	---	ND (2)	1.1 J	2.3	1.7 J	7 J	1.3 J	12.2 J	4.2 J	10.5 J	ND (2) J	3.8 J
Cyanide	200	µg/L	---	---	---	---	---	---	---	5.7 J	ND (10)	ND (10)	ND (10)	---	62.9	---	---	ND (10)	2.8 J
Hardness (as CaCO3)	NA	mg/L	---	---	---	---	---	---	480	---	---	---	---	---	---	---	---	---	---
Lead	15	µg/L	2.9	3	1.4	3	ND (1)	137	1.6 J	112	1.2	13.1	1.1	0.45 J	16.1	6.1	3.2	23.6	6.2
Lead (Dissolved)	15	µg/L	0.47 J	1.4	1.1	0.6 J	2.7	---	ND (2)	0.75 J	0.27 J	1.1	0.3 J	0.17 J	4.9	1.1	1.9	0.25 J	1.8
Manganese	880	µg/L	722	10,700	44.2	1,370	371 J	187	6,700	2,090	885	4,490	375	873	261 J	683	260	4,590	2,380 J
Manganese (Dissolved)	880	µg/L	717	10,800	12.3	1,400	292	---	6,400	2,230	991	4,810	393	910	625	649	95.6	4,520	2,100
Mercury	2	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	0.054 J	0.067 J	ND (0.03)	0.15 J	ND (0.2)	0.038 J	0.018 J	ND (0.2)	0.029 J	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Mercury (Dissolved)	2	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	0.073 J	---	ND (0.03)	ND (0.2)	ND (0.2)	0.019 J	ND (0.2)	0.016 J	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Molybdenum	180	µg/L	---	---	---	---	---	---	0.78 J+	---	---	---	---	---	---	---	---	---	---
Molybdenum (Dissolved)	180	µg/L	---	---	---	---	---	---	0.55	---	---	---	---	---	---	---	---	---	---
Nickel	100	µg/L	6.1 J	40.6 J	3.1 J	14.5 J	13.1 J	39.6 J	23	41.4	14	33.1	266	199	21 J	8.7 J	29.7 J	42.4 J	18.2 J
Nickel (Dissolved)	100	µg/L	6.2 J	44.7 J	3.4 J	13.9 J	15.5 J	---	20	13.1	14.4	32.1 J	270 J	206	19.7 J	7.4 J	32.3 J	17.9 J	13.2 J
Selenium	50	µg/L	8.2	6.7	10.8	14.2	174	57.1	0.95 J-	0.68 J	1.6 J	2.6 J	4.2 J	1.6 J	12.5	ND (5) J	10.6	5.5	ND (5) J
Selenium (Dissolved)	50	µg/L	9.9	7.5	12.1	17	144	---	0.65 J	1.4 J	2 J	3 J	4.8 J	2 J	19.2	4.6 J	11	7.1	ND (5) J
Silver	180	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1) J	ND (0.5)	0.12 J	ND (1)	ND (1)	0.03 J	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1) J	ND (1)
Silver (Dissolved)	180	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	---	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Thallium	2	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Thallium (Dissolved)	2	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	---	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vanadium	36	µg/L	ND (1) J	2.2 J	10.7 J	ND (1) J	6.5 J	70.3 J	4.2	25	1.6	3.9	4.2	2.7	22.9 J	4.4 J	9.5 J	22.2 J	6 J
Vanadium (Dissolved)	36	µg/L	0.33 J	2.2 J	11 J	ND (1)	16 J	---	ND (4)	5.1	1.5	2.2 J	3.7 J	2.5	11.1 J	2 J	9.6 J	1.3 J	1.5 J
Zinc	11,000	µg/L	44.1 J	138 J	10.2 J	11.3 J	18.1 J	76.1	36	62.5	16	20.6	6	10.7	35.2 J	9.3 J	11.1 J	28.5 J	14.7 J
Zinc (Dissolved)	11,000	µg/L	37.9 J	142 J	9 J	6.1 J	27.9 J	---	6.7	8	7.3	11.4	3.1	5.1	22.8 J	5 J	6 J	4.5 J	8.2 J
Calcium	NA	µg/L	56,300	464,000	43,900	87,100	296,000	215,000	110,000	112,000	19,400	388,000	17,400	55,400	89,200	118,000	38,400	268,000	152,000
Calcium (Dissolved)	NA	µg/L	58,000	476,000	44,100	79,300	340,000	---	110,000	102,000	20,200	384,000	17,000	55,100	114,000	124,000	20,100	268,000	144,000
Iron	11,000	µg/L	2,840	129	ND (100) J	937	22,200	11,100	60,000	17,600	229	27,800	6,920	178	2,690	1,630	1,130	13,500	2,580
Iron (Dissolved)	11,000	µg/L	286	ND (100) J	ND (100)	542	21,400	---	54,000	2,080	190	26,200	4,230	154	1,070	ND (100) J	214	2,650	ND (100) J
Magnesium	NA	µg/L	46,500	103,000	53,800	98,100	1,570,000	480,000	50,000	36,300	17,700	74,100	17,500	78,300	75,300	24,800	58,700	77,200	59,300
Magnesium (Dissolved)	NA	µg/L	46,700	110,000	52,300	107,000	1,480,000	---	49,000	34,200	18,400	71,500	17,400	78,400	105,000	24,500	32,400	73,400	56,600
Potassium	NA	µg/L	17,800	39,400	12,000	55,600	595,000	294,000	14,000	15,800	ND (5,000)	44,000	6,920	5,290	47,300	8,640	44,200	15,000	18,200
Potassium (Dissolved)	NA	µg/L	17,700	44,700	13,200	48,200	516,000	---	13,000	12,300	3,370 J	42,900	13,100	5,260	41,800	8,830	34,900	13,600	16,700
Sodium	NA	µg/L	1,020,000	341,000	957,000	1,260,000	10,700,000	4,480,000	290,000	127,000	409,000	372,000	1,450,000	207,000	911,000	330,000	996,000	247,000	77,900
Sodium (Dissolved)	NA	µg/L	964,000	375,000	893,000	1,290,000	9,480,000	---	280,000	113,000	401,000	363,000	1,440,000	212,000	1,110,000	320,000	1,100,000	232,000	75,800

TABLE E3
Analytical Results - Groundwater, First Quarter 2005 (March)
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Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12*	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			3/17/2005	3/18/2005	3/17/2005	3/17/2005	3/17/2005	3/23/2005	4/21/2005	3/22/2005	3/22/2005	3/23/2005	3/23/2005	3/23/2005	3/15/2005	3/16/2005	3/16/2005	3/15/2005	3/15/2005
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Hexavalent Chromium																			
Chromium, hexavalent	50	µg/L	---	---	---	---	---	---	---	ND (0.2)	ND (0.4)	ND (1)	ND (1)	---	ND (1) J	---	---	0.35	ND (0.2)
Organochlorine Pesticides/PCBs																			
4,4'-DDD	0.28	µg/L	---	---	---	---	---	---	1.27	2.4	0.0031 J	7.9	0.0085 J	---	0.021	---	---	0.0072 J	ND (0.02)
4,4'-DDE	0.2	µg/L	---	---	---	---	---	---	0.203	0.096 J	ND (0.02)	0.89	0.0052 J	---	0.03	---	---	0.00073 J	0.00022 J
4,4'-DDT	0.2	µg/L	---	---	---	---	---	---	ND (0.1)	ND (0.02) J	ND (0.02)	0.18 J	ND (0.02) J	---	0.0053 J	---	---	0.0015 J	0.0061 J
Aldrin	0.004	µg/L	---	---	---	---	---	---	0.086 J	0.029 J	ND (0.01) J	0.3	0.0086 J	---	ND (0.01)	---	---	ND (0.01)	ND (0.01)
alpha-BHC	0.011	µg/L	---	---	---	---	---	---	ND (0.05)	0.013 J	ND (0.01)	ND (0.1)	0.0047 J	---	ND (0.01)	---	---	ND (0.01)	ND (0.01)
alpha-Chlordane	0.1	µg/L	---	---	---	---	---	---	ND (0.05)	0.01 J	ND (0.01)	0.0088 J	ND (0.01) J	---	0.0035 J	---	---	ND (0.01)	ND (0.01)
Aroclor-1016	0.5	µg/L	---	---	---	---	---	---	ND (1) J	ND (0.2)	ND (0.2)	ND (2)	ND (0.2)	---	ND (0.2)	---	---	ND (0.2)	ND (0.2)
Aroclor-1221	0.5	µg/L	---	---	---	---	---	---	ND (2) J	ND (0.4)	ND (0.4)	ND (4)	ND (0.4)	---	ND (0.4)	---	---	ND (0.4)	ND (0.4)
Aroclor-1232	0.5	µg/L	---	---	---	---	---	---	ND (1) J	ND (0.2)	ND (0.2)	ND (2)	ND (0.2)	---	ND (0.2)	---	---	ND (0.2)	ND (0.2)
Aroclor-1242	0.5	µg/L	---	---	---	---	---	---	ND (1) J	ND (0.2)	ND (0.2)	ND (2)	ND (0.2)	---	ND (0.2)	---	---	ND (0.2)	ND (0.2)
Aroclor-1248	0.5	µg/L	---	---	---	---	---	---	ND (1) J	ND (0.2)	ND (0.2)	ND (2)	ND (0.2)	---	ND (0.2)	---	---	ND (0.2)	ND (0.2)
Aroclor-1254	0.5	µg/L	---	---	---	---	---	---	ND (1) J	ND (0.2)	ND (0.2)	ND (2)	ND (0.2)	---	ND (0.2)	---	---	ND (0.2)	ND (0.2)
Aroclor-1260	0.5	µg/L	---	---	---	---	---	---	ND (1) J	ND (0.2)	ND (0.2)	4.3 J	ND (0.2)	---	ND (0.2)	---	---	ND (0.2)	ND (0.2)
beta-BHC	0.037	µg/L	---	---	---	---	---	---	ND (0.05)	ND (0.01) J	ND (0.01)	0.021 J	0.013 J	---	ND (0.01)	---	---	ND (0.01)	ND (0.01)
delta-BHC	0.011	µg/L	---	---	---	---	---	---	ND (0.05)	ND (0.01) J	ND (0.01)	ND (0.1)	ND (0.01) J	---	0.012	---	---	ND (0.01)	ND (0.01)
Dieldrin	0.0042	µg/L	---	---	---	---	---	---	0.21	0.24 J	0.013 J	1.4	0.1 J	---	0.011 J	---	---	0.002 J	ND (0.02)
Endosulfan I	220	µg/L	---	---	---	---	---	---	0.127	ND (0.01) J	ND (0.01)	0.022 J	ND (0.01) J	---	ND (0.01)	---	---	ND (0.01)	ND (0.01)
Endosulfan II	220	µg/L	---	---	---	---	---	---	ND (0.1)	ND (0.02) J	ND (0.02)	ND (0.2)	ND (0.02) J	---	ND (0.02)	---	---	ND (0.02)	ND (0.02)
Endosulfan sulfate	220	µg/L	---	---	---	---	---	---	ND (0.1)	0.0011 J	0.073	0.077 J	0.019 J	---	0.0012 J	---	---	ND (0.02)	0.0072 J
Endrin	2	µg/L	---	---	---	---	---	---	ND (0.1)	ND (0.02) J	ND (0.02)	ND (0.2)	ND (0.02) J	---	ND (0.02)	---	---	0.0013 J	ND (0.02)
Endrin aldehyde	11	µg/L	---	---	---	---	---	---	ND (0.1)	0.0037 J	0.0011 J	0.14 J	0.0053 J	---	ND (0.02)	---	---	ND (0.02)	ND (0.02)
Endrin ketone	11	µg/L	---	---	---	---	---	---	ND (0.1)	0.00085 J	ND (0.02)	ND (0.2)	ND (0.02) J	---	0.00042 J	---	---	ND (0.02)	ND (0.02)
gamma-BHC	0.052	µg/L	---	---	---	---	---	---	0.037 J	ND (0.01) J	ND (0.01)	ND (0.1)	ND (0.01) J	---	ND (0.01)	---	---	ND (0.01)	ND (0.01)
gamma-Chlordane	0.1	µg/L	---	---	---	---	---	---	ND (0.05)	0.0013 J	ND (0.01)	ND (0.1)	ND (0.01) J	---	0.0063 J	---	---	ND (0.01)	ND (0.01)
Heptachlor	0.01	µg/L	---	---	---	---	---	---	ND (0.05)	ND (0.01) J	0.00028 J	ND (0.1)	0.004 J	---	0.0016 J	---	---	ND (0.01)	ND (0.01)
Heptachlor epoxide	0.01	µg/L	---	---	---	---	---	---	ND (0.05)	ND (0.01) J	ND (0.01)	ND (0.1)	ND (0.01) J	---	0.0018 J	---	---	0.00011 J	ND (0.01)
Methoxychlor	30	µg/L	---	---	---	---	---	---	ND (0.5)	ND (0.1) J	ND (0.1)	ND (1)	ND (0.1) J	---	ND (0.1)	---	---	ND (0.1)	ND (0.1)
Toxaphene	3	µg/L	---	---	---	---	---	---	ND (5)	ND (1) J	ND (1)	ND (10)	ND (1) J	---	ND (1)	---	---	ND (1)	ND (1)
Dioxins/Furans (1)																			
1,2,3,4,6,7,8-HpCDD	45	pg/L	---	---	---	---	---	---	---	---	---	586	---	---	---	---	---	---	ND (11.2) J
1,2,3,4,6,7,8-HpCDF	45	pg/L	---	---	---	---	---	---	---	---	---	115	---	---	---	---	---	---	ND (9.4) J
1,2,3,4,7,8,9-HpCDF	45	pg/L	---	---	---	---	---	---	---	---	---	14.1 J1	---	---	---	---	---	---	ND (15.7) J
1,2,3,4,7,8-HxCDD	4.5	pg/L	---	---	---	---	---	---	---	---	---	5.3 J	---	---	---	---	---	---	ND (10.7) J
1,2,3,4,7,8-HxCDF	4.5	pg/L	---	---	---	---	---	---	---	---	---	15.7 J1	---	---	---	---	---	---	ND (3.4) J
1,2,3,6,7,8-HxCDD	4.5	pg/L	---	---	---	---	---	---	---	---	---	20 J	---	---	---	---	---	---	ND (9) J
1,2,3,6,7,8-HxCDF	4.5	pg/L	---	---	---	---	---	---	---	---	---	4.56	---	---	---	---	---	---	ND (3.2) J
1,2,3,7,8,9-HxCDD	4.5	pg/L	---	---	---	---	---	---	---	---	---	13 J	---	---	---	---	---	---	ND (10.6) J
1,2,3,7,8,9-HxCDF	4.5	pg/L	---	---	---	---	---	---	---	---	---	6.5 J1	---	---	---	---	---	---	ND (7.3) J
1,2,3,7,8-PeCDD	0.45	pg/L	---	---	---	---	---	---	---	---	---	4.3 J	---	---	---	---	---	---	ND (3.8) J
1,2,3,7,8-PeCDF	9	pg/L	---	---	---	---	---	---	---	---	---	4.3 J1	---	---	---	---	---	---	ND (3.8) J
2,3,4,6,7,8-HxCDF	4.5	pg/L	---	---	---	---	---	---	---	---	---	6.6 J1	---	---	---	---	---	---	ND (4.8) J
2,3,4,7,8-PeCDF	0.9	pg/L	---	---	---	---	---	---	---	---	---	5.5 J1	---	---	---	---	---	---	ND (3.8) J
2,3,7,8-TCDD	0.45	pg/L	---	---	---	---	---	---	---	---	---	ND (0.2)	---	---	---	---	---	---	ND (1.9) J
2,3,7,8-TCDF	4.5	pg/L	---	---	---	---	---	---	---	---	---	4.25	---	---	---	---	---	---	ND (4.6) J
OCDD	4,500	pg/L	---	---	---	---	---	---	---	---	---	10,500	---	---	---	---	---	---	ND (35.2) J
OCDF	4,500	pg/L	---	---	---	---	---	---	---	---	---	1,050 J	---	---	---	---	---	---	ND (21) J
Total Dioxin Toxicity equivalent	0.45	pg/L	---	---	---	---	---	---	---	---	---	23.3 J	---	---	---	---	---	---	ND (6.76) J

TABLE E3
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Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12*	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			**3/17/2005**	**3/18/2005**	**3/17/2005**	**3/17/2005**	**3/17/2005**	**3/23/2005**	**4/21/2005**	**3/22/2005**	**3/22/2005**	**3/23/2005**	**3/23/2005**	**3/23/2005**	**3/15/2005**	**3/16/2005**	**3/16/2005**	**3/15/2005**	**3/15/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Anions																			
Chloride	NA	mg/L	1,000	220	1,700	1,400	18,000	9,400	230	53	110	590	460	87	1,400	330	270	40	29
Nitrate as Nitrogen	NA	mg/L	ND (0.1)	73	8.7	0.06 J	ND (2)	ND (2)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	7.5	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.1
Nitrite as Nitrogen	NA	mg/L	ND (2)	ND (0.5)	ND (5)	ND (5)	ND (100)	ND (20)	ND (0.5)	ND (0.2)	ND (0.5)	ND (2)	ND (2)	0.4	ND (5)	ND (1)	ND (1)	ND (0.1)	ND (0.1)
Sulfate	NA	mg/L	140	3,300	140	1,700	4,500	660	ND (0.5)	19	25	0.5	1.8	320	85	130	190	65	38
Dissolved Gases																			
Ethane	NA	µg/L	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1) J	1.4 J	1,400	3.1	12	180	220	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1) J	0.7 J	ND (1.1)
Ethene	NA	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1) J	4,400	3.8	260	760	4,500	ND (1)	ND (1)	ND (1)	ND (1) J	0.8 J	ND (1)
Methane	NA	µg/L	1.6	60	5.3	89	790 J	4,400 J	16,000	670 J	2,300	18,000 J	17,000 J	1.5 J	560	4.1	25 J	40 J	6.1
Water Quality Indicators																			
Total Dissolved Solids	NA	mg/L	---	---	---	---	---	---	---	730	---	---	---	---	3,600	---	---	1,600	---
Total Organic Carbon	NA	mg/L	---	---	---	---	---	---	---	15 J	---	---	---	---	48 J	---	---	35 J	---

TABLE E3
Analytical Results - Groundwater, First Quarter 2005 (March)
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Sample Location			RMW-08-15	RMW-08-15 (FD)	RMW-08-35	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35
Sample Date			**3/23/2005**	**3/23/2005**	**3/23/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**							
Volatile Organic Compounds										
1,1,1,2-Tetrachloroethane	0.43	µg/L	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
1,1,2-Trichloroethane	5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
1,1-Dichloroethane	5	µg/L	ND (0.5)	ND (0.5) J	0.7	ND (0.5)	110	ND (0.5)	ND (3) J	39
1,1-Dichloroethene	6	µg/L	ND (0.5)	ND (0.5) J	1	ND (0.5)	1	ND (0.5)	ND (3) J	ND (3)
1,1-Dichloropropene	NDRI	µg/L	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	7.2	µg/L	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	0.0056	µg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
1,2,4-Trimethylbenzene	12	µg/L	---	---	---	---	---	---	---	---
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (3) J	ND (3) J
1,2-Dibromoethane	0.05	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
1,2-Dichlorobenzene	600	µg/L	44	48	82	ND (0.5)	49	ND (0.5)	ND (3) J	ND (3)
1,2-Dichloroethane	0.5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	2	ND (0.5)	ND (3) J	ND (3)
1,2-Dichloropropane	5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
1,3,5-Trimethylbenzene	12	µg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	180	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
1,3-Dichloropropane	120	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	5	µg/L	2	2 J	0.7	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
2,2-Dichloropropane	0.16	µg/L	---	---	---	---	---	---	---	---
2-Chlorotoluene	120	µg/L	---	---	---	---	---	---	---	---
2-Hexanone	2,000	µg/L	ND (4) J	ND (4) J	ND (4) J	ND (10) J	ND (10) J	ND (10) J	ND (20) J	ND (20) J
4-Chlorotoluene	NDRI	µg/L	---	---	---	---	---	---	---	---
Acetone	5,500	µg/L	ND (4)	ND (4) J	ND (4)	4 J	ND (10)	ND (10) J	25 J	ND (20)
Benzene	1	µg/L	0.9	1 J	2	ND (0.5)	2 J	ND (0.5)	ND (3) J	ND (3)
Bromobenzene	20	µg/L	---	---	---	---	---	---	---	---
Bromochloromethane	NDRI	µg/L	---	---	---	---	---	---	---	---
Bromodichloromethane	100	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Bromoform	100	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Bromomethane	8.7	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Carbon tetrachloride	0.5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Chlorobenzene	70	µg/L	37 J	53 J	90	ND (0.5)	2	ND (0.5)	ND (3) J	ND (3)
Chloroethane	4.6	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	0.9	ND (0.5)	ND (3) J	ND (3)
Chloroform	100	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Chloromethane	160	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
cis-1,2-Dichloroethene	6	µg/L	8	6 J	100	ND (0.5)	85	350	430	89
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Cyclohexane	10,000	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Dibromomethane	61	µg/L	---	---	---	---	---	---	---	---
Ethyl tert-butyl ether	11	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (50)	ND (50)	ND (50)	ND (50) J	ND (50)
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Freon 11	150	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Freon 12	390	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Methyl acetate	6,100	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (3) J	ND (3) J
Methyl ethyl ketone	7,000	µg/L	ND (4) J	ND (4) J	ND (4) J	ND (10) J	ND (10) J	ND (10) J	ND (20) J	ND (20) J

TABLE E3
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Sample Location			RMW-08-15	RMW-08-15 (FD)	RMW-08-35	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35
Sample Date			**3/23/2005**	**3/23/2005**	**3/23/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**							
Volatile Organic Compounds										
Methyl isobutyl ketone	2,000	µg/L	ND (4) J	ND (4) J	ND (4) J	ND (10)	ND (10)	ND (10)	ND (20) J	ND (20)
Methyl tert-butyl ether	13	µg/L	4 J	0.9 J	13	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Methylcyclohexane	5,200	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Methylene chloride	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	0.8 J	ND (0.5) J	1 J	ND (3) J	7 J
Naphthalene	0.093	µg/L	---	---	---	---	---	---	---	---
n-Butylbenzene	240	µg/L	---	---	---	---	---	---	---	---
n-Propylbenzene	240	µg/L	---	---	---	---	---	---	---	---
p-Cymene (p-isopropyltoluene)	660	µg/L	---	---	---	---	---	---	---	---
sec-Butylbenzene	240	µg/L	---	---	---	---	---	---	---	---
Styrene	100	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
tert-Amyl methyl ether	11	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (50)	ND (50)	ND (50)	ND (50) J	ND (50)
tert-Butyl alcohol	1,800	µg/L	ND (50) R	ND (50) R	ND (50) R	ND (50) R	ND (50) R	ND (50) R	ND (250) R	ND (1,800) R
tert-Butylbenzene	240	µg/L	---	---	---	---	---	---	---	---
Tetrachloroethene	5	µg/L	ND (0.5)	ND (0.5) J	83	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Toluene	150	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
trans-1,2-Dichloroethene	10	µg/L	3 J	1 J	40	ND (0.5)	17	1	ND (3) J	ND (3)
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Trichloroethene	5	µg/L	1	1 J	49	ND (0.5)	7 J	5 J	34 J	54
Vinyl chloride	0.5	µg/L	10 J	6 J	48	ND (0.5)	70	ND (0.5)	ND (3) J	7
Xylenes, total	1,750	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (3) J	ND (3)
Semivolatile Organic Compounds										
1,1'-Biphenyl	300	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
1,2,4-Trichlorobenzene	5	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	600	µg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	180	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	5	µg/L	---	---	---	---	---	---	---	---
1,4-Dioxane (p-dioxane)	6.1	µg/L	ND (5)	ND (5)	2	6	78	48	41	250
2,2'-Oxybis(1-Chloropropane)	0.01	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
2,4,5-Trichlorophenol	3,600	µg/L	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25) J	ND (25) J	ND (25) J
2,4,6-Trichlorophenol	0.96	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	0.3	ND (0.1)	2	2	0.4 J
2,4-Dichlorophenol	110	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
2,4-Dimethylphenol	730	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
2,4-Dinitrophenol	73	µg/L	ND (25)	ND (25)	ND (25)	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J
2,4-Dinitrotoluene	73	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
2,6-Dinitrotoluene	36	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
2-Chloronaphthalene	490	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
2-Chlorophenol	30	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
2-Methylnaphthalene	24	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
2-Methylphenol	1,800	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
2-Nitroaniline	110	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
2-Nitrophenol	NDRI	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
3&4-Methylphenol	180	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzidine	0.15	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
3-Nitroaniline	NDRI	µg/L	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J
4,6-Dinitro-2-methylphenol	NDRI	µg/L	ND (25)	ND (25)	ND (25)	ND (25) J	ND (25) J	ND (25) J	ND (25) J	ND (25) J
4-Bromophenylphenyl ether	NDRI	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
4-Chloro-3-methylphenol	1,800	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
4-Chloroaniline	150	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
4-Chlorophenylphenyl ether	NDRI	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J

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Sample Location			RMW-08-15	RMW-08-15 (FD)	RMW-08-35	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35
Sample Date			**3/23/2005**	**3/23/2005**	**3/23/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**							
Semivolatile Organic Compounds										
4-Methylphenol	180	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
4-Nitroaniline	NDRI	µg/L	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25) J	ND (25) J	ND (25) J
4-Nitrophenol	73	µg/L	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25) J	ND (25) J	ND (25) J
Acenaphthene	370	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Acenaphthylene	180	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Acetophenone	150,000	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Anthracene	1,800	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Atrazine	3	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzaldehyde	3,600	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Benzo(a)anthracene	0.092	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.04)	ND (0.01)	ND (0.01)	ND (0.04)
Benzo(a)pyrene	0.2	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzo(b)fluoranthene	0.092	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzo(g,h,i)perylene	180	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	0.04	ND (0.01)	0.02	0.02	0.01
Benzo(k)fluoranthene	0.056	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Benzyl butyl phthalate	7,300	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
bis(2-Chloroethoxy)methane	0.01	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	3
bis(2-Chloroethyl)ether	0.01	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.3)
bis(2-Chloroisopropyl)ether	NDRI	µg/L	---	---	---	---	---	---	---	---
bis(2-Ethylhexyl)phthalate	4.8	µg/L	ND (4.8)	ND (4.8)	ND (4.8)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Caprolactam	18,000	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Carbazole	3.4	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Chrysene	0.56	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Dibenz(a,h)anthracene	0.0092	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	0.02	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Dibenzofuran	12	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Diethylphthalate	29,000	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Dimethylphthalate	360,000	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Di-n-butyl phthalate	3,600	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Di-n-octyl phthalate	1,500	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Diphenylamine	NDRI	µg/L	---	---	---	---	---	---	---	---
Fluoranthene	1,500	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Fluorene	240	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Hexachlorobenzene	1	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Hexachlorobutadiene	0.86	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Hexachlorocyclopentadiene	50	µg/L	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J
Hexachloroethane	4.8	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	1
Indeno(1,2,3-c,d)pyrene	0.092	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	0.02	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Isophorone	71	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Naphthalene	0.093	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Nitrobenzene	3.4	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	1	0.7	6
N-Nitrosodi-n-propylamine	0.0096	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	0.3	ND (0.01)	0.6	0.7	10
N-Nitrosodiphenylamine	14	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Pentachlorophenol	1	µg/L	ND (1) J	ND (1) J	0.3 J	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) J
Phenanthrene	180	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Phenol	11,000	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Pyrene	180	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10) J
Metals										
Aluminum	1,000	µg/L	ND (200)	ND (200)	ND (200) J	1,110	5,200 J	625	254	1,200
Aluminum (Dissolved)	1,000	µg/L	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)
Antimony	6	µg/L	ND (2) J	ND (2) J	ND (2)	ND (2) J	ND (2)	2.9	2.5	ND (4)

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Sample Location			RMW-08-15	RMW-08-15 (FD)	RMW-08-35	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35
Sample Date			**3/23/2005**	**3/23/2005**	**3/23/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**							
Metals										
Antimony (Dissolved)	6	µg/L	ND (2) J	ND (2) J	ND (2)	ND (2) J	ND (2)	2.9	3	ND (2) J
Arsenic	10	µg/L	200	201	4	232	12.2	546	585	523
Arsenic (Dissolved)	10	µg/L	198 J	217 J	4.1	242	10.6	566	557	505
Barium	1,000	µg/L	48.8	46.8	48.3	37.9	28.7	32.6	30.4	29.3
Barium (Dissolved)	1,000	µg/L	51.2	51.1	49.1	34.8	12	27.8	27.6	26.4
Beryllium	4	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	0.09 J	ND (1)	ND (2)	ND (2)
Beryllium (Dissolved)	4	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)
Boron	7,300	µg/L	---	---	---	---	---	---	---	---
Boron (Dissolved)	7,300	µg/L	---	---	---	---	---	---	---	---
Cadmium	5	µg/L	0.03 J	ND (1)	ND (1)	0.27 J	ND (1)	1.7	1.5	1.1
Cadmium (Dissolved)	5	µg/L	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1)	1.4	1.5	1.1
Chromium	50	µg/L	3.3	3.2	2.6	5.2 J	14.9 J	5.1 J	5.3 J	13 J
Chromium (Dissolved)	50	µg/L	2.8 J	3	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (2) J	6.6 J
Cobalt	730	µg/L	0.35 J	0.34 J	8.5 J	7.6	2.8	20.5	18.7 J	231 J
Cobalt (Dissolved)	730	µg/L	0.3 J	0.33 J	8.4 J	7.3 J	0.59 J	19.7 J	20.1 J	192 J
Copper	1,300	µg/L	ND (2)	ND (2)	2.3	6.2 J	7.1 J	20.1 J	18.6 J	73.9 J
Copper (Dissolved)	1,300	µg/L	0.92 J	0.64 J	1.8 J	5.4 J	3.5 J	15.1 J	15.3 J	52.4 J
Cyanide	200	µg/L	ND (10)	ND (10)	11.8	---	---	---	---	---
Hardness (as CaCO3)	NA	mg/L	---	---	---	---	---	---	---	---
Lead	15	µg/L	0.23 J	0.14 J	2.5	3.4	2.9	7.4 J	4.3 J	12.5
Lead (Dissolved)	15	µg/L	0.08 J	0.06 J	0.08 J	1.6	0.34 J	4	4.9	10.8
Manganese	880	µg/L	1,980	1,910	1,330 J	11,700	59.6	3,500	3,330	24,300 J
Manganese (Dissolved)	880	µg/L	2,100 J	2,090 J	1,370 J	12,100	18.5	3,260	3,300	25,000
Mercury	2	µg/L	ND (0.2)	ND (0.2)	ND (0.2) J	ND (0.2)	0.015 J	0.051 J	0.046 J	0.072 J
Mercury (Dissolved)	2	µg/L	0.013 J	ND (0.2)	ND (0.2) J	ND (0.2)	ND (0.2)	0.03 J	0.026 J	0.014 J
Molybdenum	180	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dissolved)	180	µg/L	---	---	---	---	---	---	---	---
Nickel	100	µg/L	5.2	5.1	74 J	37.7 J	19.7 J	180 J	159 J	429 J
Nickel (Dissolved)	100	µg/L	4.8 J	5.1 J	73 J	38.3 J	7.1 J	167 J	173 J	365 J
Selenium	50	µg/L	1.6 J	1.6 J	4.5 J	16.4	ND (5) J	5.9	6.7	68.2
Selenium (Dissolved)	50	µg/L	1.4 J	2.3 J	4.7 J	18.3	ND (5) J	6.3	6.2	50.9
Silver	180	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J
Silver (Dissolved)	180	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Thallium	2	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)
Thallium (Dissolved)	2	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)
Vanadium	36	µg/L	2.2	2.2	1.3	3.6 J	16.8 J	2.8 J	1.7 J	4 J
Vanadium (Dissolved)	36	µg/L	1.9 J	2.1 J	ND (1) J	1.7 J	11.1 J	1.3 J	1.5 J	1.3 J
Zinc	11,000	µg/L	5.6	4.1	6.9	42 J	17.6 J	3,250 J	2,490 J	124 J
Zinc (Dissolved)	11,000	µg/L	4.5 J	5.2 J	3.7	36.4 J	4.4 J	2,560 J	2,820 J	113 J
Calcium	NA	µg/L	64,200	62,800	100,000	569,000	7,120	510,000	504,000	430,000
Calcium (Dissolved)	NA	µg/L	60,300	62,000	99,700	574,000	5,730	518,000	530,000	458,000
Iron	11,000	µg/L	10,100	9,830	666 J	1,520	6,370	921 J	422 J	3,330
Iron (Dissolved)	11,000	µg/L	9,470	9,660	453	152	ND (100) J	116	ND (100) J	1,810
Magnesium	NA	µg/L	20,200	19,800	115,000	116,000	5,510	110,000	112,000	835,000
Magnesium (Dissolved)	NA	µg/L	19,000	19,400	113,000	109,000	3,900 J	114,000	115,000	881,000
Potassium	NA	µg/L	45,600	44,500	6,320	6,810	6,730	13,900	16,800	564,000
Potassium (Dissolved)	NA	µg/L	41,900	42,800	5,150	6,790	5,690 J	17,500	15,600	603,000
Sodium	NA	µg/L	139,000	135,000	426,000	81,900	379,000	215,000	225,000	4,590,000
Sodium (Dissolved)	NA	µg/L	127,000	131,000	407,000	77,500	360,000	227,000	219,000	4,660,000

TABLE E3
Analytical Results - Groundwater, First Quarter 2005 (March)
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Sample Location			RMW-08-15	RMW-08-15 (FD)	RMW-08-35	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35
Sample Date			**3/23/2005**	**3/23/2005**	**3/23/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**							
Hexavalent Chromium										
Chromium, hexavalent	50	µg/L	ND (0.2)	ND (0.2) J	ND (0.4) J	---	---	---	---	---
Organochlorine Pesticides/PCBs										
4,4'-DDD	0.28	µg/L	0.021 J	0.022 J	0.39	---	---	---	---	---
4,4'-DDE	0.2	µg/L	0.012 J	0.014 J	0.048	---	---	---	---	---
4,4'-DDT	0.2	µg/L	ND (0.02) J	ND (0.02) J	0.0098 J	---	---	---	---	---
Aldrin	0.004	µg/L	ND (0.01) J	ND (0.01) J	0.0025 J	---	---	---	---	---
alpha-BHC	0.011	µg/L	ND (0.01) J	0.0049 J	0.0068	---	---	---	---	---
alpha-Chlordane	0.1	µg/L	ND (0.01) J	ND (0.01) J	0.0064 J	---	---	---	---	---
Aroclor-1016	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	---	---	---	---	---
Aroclor-1221	0.5	µg/L	ND (0.4)	ND (0.4)	ND (0.4)	---	---	---	---	---
Aroclor-1232	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	---	---	---	---	---
Aroclor-1242	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	---	---	---	---	---
Aroclor-1248	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	---	---	---	---	---
Aroclor-1254	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	---	---	---	---	---
Aroclor-1260	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	---	---	---	---	---
beta-BHC	0.037	µg/L	ND (0.01) J	0.0075 J	ND (0.01)	---	---	---	---	---
delta-BHC	0.011	µg/L	ND (0.01) J	ND (0.01) J	ND (0.01)	---	---	---	---	---
Dieldrin	0.0042	µg/L	0.0014 J	0.0014 J	0.0085 J	---	---	---	---	---
Endosulfan I	220	µg/L	ND (0.01) J	ND (0.01) J	ND (0.01)	---	---	---	---	---
Endosulfan II	220	µg/L	ND (0.02) J	ND (0.02) J	ND (0.02)	---	---	---	---	---
Endosulfan sulfate	220	µg/L	ND (0.02) J	ND (0.02) J	ND (0.02)	---	---	---	---	---
Endrin	2	µg/L	ND (0.02) J	ND (0.02) J	ND (0.02)	---	---	---	---	---
Endrin aldehyde	11	µg/L	ND (0.02) J	ND (0.02) J	0.003 J	---	---	---	---	---
Endrin ketone	11	µg/L	ND (0.02) J	ND (0.02) J	ND (0.02)	---	---	---	---	---
gamma-BHC	0.052	µg/L	ND (0.01) J	0.0064 J	0.0022 J	---	---	---	---	---
gamma-Chlordane	0.1	µg/L	ND (0.01) J	ND (0.01) J	ND (0.01)	---	---	---	---	---
Heptachlor	0.01	µg/L	ND (0.01) J	ND (0.01) J	ND (0.01)	---	---	---	---	---
Heptachlor epoxide	0.01	µg/L	ND (0.01) J	ND (0.01) J	ND (0.01)	---	---	---	---	---
Methoxychlor	30	µg/L	ND (0.1) J	ND (0.1) J	ND (0.1)	---	---	---	---	---
Toxaphene	3	µg/L	ND (1) J	ND (1) J	ND (1)	---	---	---	---	---
Dioxins/Furans (1)										
1,2,3,4,6,7,8-HpCDD	45	pg/L	---	---	---	---	---	---	---	---
1,2,3,4,6,7,8-HpCDF	45	pg/L	---	---	---	---	---	---	---	---
1,2,3,4,7,8,9-HpCDF	45	pg/L	---	---	---	---	---	---	---	---
1,2,3,4,7,8-HxCDD	4.5	pg/L	---	---	---	---	---	---	---	---
1,2,3,4,7,8-HxCDF	4.5	pg/L	---	---	---	---	---	---	---	---
1,2,3,6,7,8-HxCDD	4.5	pg/L	---	---	---	---	---	---	---	---
1,2,3,6,7,8-HxCDF	4.5	pg/L	---	---	---	---	---	---	---	---
1,2,3,7,8,9-HxCDD	4.5	pg/L	---	---	---	---	---	---	---	---
1,2,3,7,8,9-HxCDF	4.5	pg/L	---	---	---	---	---	---	---	---
1,2,3,7,8-PeCDD	0.45	pg/L	---	---	---	---	---	---	---	---
1,2,3,7,8-PeCDF	9	pg/L	---	---	---	---	---	---	---	---
2,3,4,6,7,8-HxCDF	4.5	pg/L	---	---	---	---	---	---	---	---
2,3,4,7,8-PeCDF	0.9	pg/L	---	---	---	---	---	---	---	---
2,3,7,8-TCDD	0.45	pg/L	---	---	---	---	---	---	---	---
2,3,7,8-TCDF	4.5	pg/L	---	---	---	---	---	---	---	---
OCDD	4,500	pg/L	---	---	---	---	---	---	---	---
OCDF	4,500	pg/L	---	---	---	---	---	---	---	---
Total Dioxin Toxicity equivalent	0.45	pg/L	---	---	---	---	---	---	---	---

TABLE E3
Analytical Results - Groundwater, First Quarter 2005 (March)
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Sample Location			RMW-08-15	RMW-08-15 (FD)	RMW-08-35	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35
Sample Date			**3/23/2005**	**3/23/2005**	**3/23/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**	**3/16/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**							
Anions										
Chloride	NA	mg/L	23	24	120	120	120	160	150	5,400
Nitrate as Nitrogen	NA	mg/L	ND (0.1)	0.37	0.59	43	9.4	120	120	ND (0.1)
Nitrite as Nitrogen	NA	mg/L	ND (0.1)	ND (0.1)	ND (0.5)	0.17	ND (0.5)	ND (0.5)	ND (0.5)	ND (20)
Sulfate	NA	mg/L	130	140	490	1,800	210	2,400	2,500	24,000
Dissolved Gases										
Ethane	NA	µg/L	0.6 J	ND (1.1)	1.5	ND (1.1)	1.1	ND (1.1)	ND (1.1)	ND (1.1) J
Ethene	NA	µg/L	0.7 J	0.6 J	3	ND (1)	0.7 J	ND (1)	ND (1)	0.9 J
Methane	NA	µg/L	260 J	240 J	350	8.9	19	50 J	79 J	250
Water Quality Indicators										
Total Dissolved Solids	NA	mg/L	---	---	---	---	---	3,400	3,500	---
Total Organic Carbon	NA	mg/L	---	---	---	---	---	81 J	79 J	---

Notes:
Results greater than the screening level are bolded.
Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Groundwater Screening Level table for source of screening levels.
In cases where target analytes are reported from more than one method or from multiple dilutions, the most conservative result or reporting limit is presented; that is, the values presented represent either the maximum positive result or the minimum reporting limit selected from the available data.
* MW-12 was analyzed by the EPA Region 9 laboratory rather than an EPA CLP laboratory. EPA Region 9 uses an analyte list consistent with EPA Method 524.2 which includes analytes not in the CLP Target Compound List.

NA	not applicable
NDRI	not detected in groundwater during the Remedial Investigation phase
---	not analyzed
FD	field duplicate
µg/L	micrograms per liter
mg/L	milligrams per liter
pg/L	picograms per liter
ND	not detected above the laboratory's reporting limit shown in parentheses
J	estimated value
J1	estimated maximum possible concentration
J+	estimated value, high bias
J-	estimated value, low bias
R	rejected for failure to meet quality control requirements

TABLE E4
Summary of Dioxins - Groundwater, First Quarter 2005 (March)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-02-13	**3/23/2005**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		586	0.01	5.86	pg/L
1,2,3,4,6,7,8-HpCDF		115	0.01	1.15	pg/L
1,2,3,4,7,8,9-HpCDF		14.1 J1	0.01	0.14	pg/L
1,2,3,4,7,8-HxCDD		5.3 J	0.1	0.53	pg/L
1,2,3,4,7,8-HxCDF		15.7 J1	0.1	1.57	pg/L
1,2,3,6,7,8-HxCDD		20 J	0.1	2.00	pg/L
1,2,3,6,7,8-HxCDF		4.5631	0.1	0.46	pg/L
1,2,3,7,8,9-HxCDD		13 J	0.1	1.30	pg/L
1,2,3,7,8,9-HxCDF		6.5 J1	0.1	0.65	pg/L
1,2,3,7,8-PeCDD		4.3 J	1	4.30	pg/L
1,2,3,7,8-PeCDF		4.3 J1	0.05	0.22	pg/L
2,3,4,6,7,8-HxCDF		6.6 J1	0.1	0.66	pg/L
2,3,4,7,8-PeCDF		5.5 J1	0.5	2.75	pg/L
2,3,7,8-TCDD		ND (0.2)	1	0.10	pg/L
2,3,7,8-TCDF		4.2531	0.1	0.43	pg/L
OCDD		10500	0.0001	1.05	pg/L
OCDF		1050 J	0.0001	0.11	pg/L
TEQ				**23**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

TABLE E4
Summary of Dioxins - Groundwater, First Quarter 2005 (March)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-07-15	**3/15/2005**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (11.2) J	0.01	0.06	pg/L
1,2,3,4,6,7,8-HpCDF		ND (9.4) J	0.01	0.05	pg/L
1,2,3,4,7,8,9-HpCDF		ND (15.7) J	0.01	0.08	pg/L
1,2,3,4,7,8-HxCDD		ND (10.7) J	0.1	0.53	pg/L
1,2,3,4,7,8-HxCDF		ND (3.4) J	0.1	0.17	pg/L
1,2,3,6,7,8-HxCDD		ND (9) J	0.1	0.45	pg/L
1,2,3,6,7,8-HxCDF		ND (3.2) J	0.1	0.16	pg/L
1,2,3,7,8,9-HxCDD		ND (10.6) J	0.1	0.53	pg/L
1,2,3,7,8,9-HxCDF		ND (7.3) J	0.1	0.37	pg/L
1,2,3,7,8-PeCDD		ND (3.8) J	1	1.90	pg/L
1,2,3,7,8-PeCDF		ND (3.8) J	0.05	0.09	pg/L
2,3,4,6,7,8-HxCDF		ND (4.8) J	0.1	0.24	pg/L
2,3,4,7,8-PeCDF		ND (3.8) J	0.5	0.95	pg/L
2,3,7,8-TCDD		ND (1.9) J	1	0.95	pg/L
2,3,7,8-TCDF		ND (4.6) J	0.1	0.23	pg/L
OCDD		ND (35.2) J	0.0001	0.00	pg/L
OCDF		ND (21) J	0.0001	0.00	pg/L
TEQ				**ND (6.8)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

Notes:
(1) See Groundwater Screening Level table for source of screening level

TEF	Toxicity Equivalency Factor. (EPA, 2000, "Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and Related Compounds. Part II: Health Assessment for 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and Related Compounds," Draft Final, National Center for Environmental Assessment, May).
pg/L	picograms per liter
ND	not detected above the laboratory's reporting limit shown in parentheses
J	estimated value
J1	estimated maximum possible concentration
TEQ	Toxicity Equivalent Concentration

TABLE E5
Analytical Results - Groundwater, Second Quarter 2005 (June)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			6/21/2005	6/23/2005	6/21/2005	6/22/2005	6/22/2005	6/23/2005	6/29/2005	6/28/2005	6/28/2005	6/29/2005	6/29/2005	6/29/2005	6/22/2005	6/21/2005	6/22/2005	6/20/2005	6/20/2005
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	0.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
1,1,2-Trichloroethane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
1,1-Dichloroethane	5	µg/L	ND (0.5)	34	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	0.8	1	95	0.3 J	680	ND (0.5)	0.6	0.7 J	0.3 J	0.5	ND (0.5) J
1,1-Dichloroethene	6	µg/L	ND (0.5)	0.7	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	0.4 J	ND (0.5)	0.4 J	ND (0.5)	0.2 J	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	1	0.4 J	ND (200)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
1,2-Dibromoethane	0.05	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	0.4 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
1,2-Dichlorobenzene	600	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	0.2 J	53	290	0.4 J	6,900	0.3 J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
1,2-Dichloroethane	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	2	ND (0.5)	12	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
1,2-Dichloropropane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
1,3-Dichlorobenzene	180	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	0.3 J	13	ND (0.5)	31	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
1,4-Dichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	9	120	ND (0.5)	1,000	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
2-Hexanone	2,000	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (0.5) J	ND (10)	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10)	ND (10)	ND (10) J
Acetone	5,500	µg/L	ND (10)	ND (10)	ND (10)	5 J	ND (10)	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	7,900	ND (10)	ND (14)	ND (10) J	ND (10)	ND (10)	ND (10) J
Benzene	1	µg/L	ND (0.5)	0.8	ND (0.5)	ND (0.5)	0.3 J	ND (0.5) J	0.2 J	2	9	0.3 J	120 J	ND (0.5)	0.2 J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Bromodichloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Bromoform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Bromomethane	8.7	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.9	4 J	ND (0.5)	0.3 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Carbon tetrachloride	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Chlorobenzene	70	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	730	150	ND (0.5)	80 J	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Chloroethane	4.6	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	190	ND (0.5)	180 J	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Chloroform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Chloromethane	160	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.3 J	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
cis-1,2-Dichloroethene	6	µg/L	ND (0.5)	52	ND (0.5)	0.2 J	ND (0.5)	ND (0.5) J	36	0.7	270	4	ND (200)	ND (0.5)	ND (0.5)	ND (0.5) J	2	3	ND (0.5) J
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Cyclohexane	10,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	0.5	3	ND (0.5)	1	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Ethyl tert-butyl ether	11	µg/L	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50) J	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50) J	ND (50)	ND (50)	ND (50) J
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	0.4 J	2	14	2	100 J	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Freon 11	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Freon 12	390	µg/L	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	19	6	ND (0.5)	84 J	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Methyl acetate	6,100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Methyl ethyl ketone	7,000	µg/L	ND (10)	0.6 J	ND (10)	ND (10)	ND (10)	2 J	0.2 J	ND (10)	ND (10)	ND (10)	1,900 J	ND (10)	ND (10)	ND (10) J	ND (10)	ND (10)	ND (10) J
Methyl isobutyl ketone	2,000	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10)	ND (10) J	ND (10)	ND (10)	23,000	ND (10)	ND (10)	ND (10) J	0.7 J	ND (10)	ND (10) J
Methyl tert-butyl ether	13	µg/L	ND (0.5)	0.2 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	0.4 J	8	ND (0.5)	0.3 J	ND (0.5)	2	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Methylcyclohexane	5,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	3	1	0.3 J	1	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Methylene chloride	5	µg/L	ND (10) J	ND (10) J	ND (10) J	1 J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	63	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J
Styrene	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
tert-Amyl methyl ether	11	µg/L	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50) J	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50) J	ND (50)	ND (50)	ND (50) J
tert-Butyl alcohol	1,800	µg/L	ND (50)	23 J	ND (50)	ND (50)	19 J	210 J	ND (50) J	ND (50)	8 J	ND (50) J	77 J	ND (50) J	ND (50)	ND (50) J	ND (50)	ND (50)	ND (50) J
Tetrachloroethene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	3	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Toluene	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	33	ND (0.5)	30	24	4,100	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
trans-1,2-Dichloroethene	10	µg/L	ND (0.5)	0.6	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	0.8	ND (0.5)	11	ND (0.5)	ND (200)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Trichloroethene	5	µg/L	ND (0.5)	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	0.4 J	9	ND (0.5)	1	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Vinyl chloride	0.5	µg/L	ND (0.5)	7	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	7	ND (0.5)	33	2	8,100	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	0.6	ND (0.5) J

TABLE E5
Analytical Results - Groundwater, Second Quarter 2005 (June)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			**6/21/2005**	**6/23/2005**	**6/21/2005**	**6/22/2005**	**6/22/2005**	**6/23/2005**	**6/29/2005**	**6/28/2005**	**6/28/2005**	**6/29/2005**	**6/29/2005**	**6/29/2005**	**6/22/2005**	**6/21/2005**	**6/22/2005**	**6/20/2005**	**6/20/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
Xylenes, total	1,750	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	3	13	24	14	750	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J
Semivolatile Organic Compounds																			
1,4-Dioxane (p-dioxane)	6.1	µg/L	ND (1)	250	ND (1)	26	14	200 J	38	ND (1)	200	110	2,700	2.6	76	2.1	71	ND (1)	0.5 J
Organochlorine Pesticides/PCBs																			
4,4'-DDD	0.28	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	0.61 J	0.95	ND (0.02)	35	ND (0.02) J	0.092	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
4,4'-DDE	0.2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	0.033	ND (0.02)	4.4	ND (0.02) J	0.004 J	ND (0.02)	0.003 J	ND (0.02)	ND (0.02)	ND (0.02)
4,4'-DDT	0.2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (2)	ND (0.02) J	ND (0.02)	ND (0.02)	0.005 J	ND (0.02)	ND (0.02)	ND (0.02)
Aldrin	0.004	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	3.6 J	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
alpha-BHC	0.011	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (1)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
alpha-Chlordane	0.1	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (1)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Aroclor-1016	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (20)	ND (0.2) J	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1221	0.5	µg/L	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (40)	ND (0.4) J	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1232	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (20)	ND (0.2) J	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1242	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (20)	ND (0.2) J	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1248	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (20)	ND (0.2) J	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1254	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (20)	ND (0.2) J	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1260	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (20)	ND (0.2) J	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
beta-BHC	0.037	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (1)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
delta-BHC	0.011	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (1)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Dieldrin	0.0042	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	0.16 J	ND (0.02)	6.8 J	ND (0.02) J	0.037 J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endosulfan I	220	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (1)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Endosulfan II	220	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (2)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endosulfan sulfate	220	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (2)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin	2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (2)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin aldehyde	11	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (2)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin ketone	11	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (2)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
gamma-BHC	0.052	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (1)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J
gamma-Chlordane	0.1	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (1)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachlor	0.01	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (1)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachlor epoxide	0.01	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (1)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methoxychlor	30	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1)	ND (10)	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Toxaphene	3	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1)	ND (100)	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Anions																			
Chloride	NA	mg/L	750	200	1,400	1,100	12,000	7,000	250	42	170	510	78	78	350	240	190	38	22
Nitrate as Nitrogen	NA	mg/L	ND (0.1)	58	9.2	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	7.6	7.6	ND (0.1)	3.5	ND (0.1)	ND (0.1)	0.2
Nitrite as Nitrogen	NA	mg/L	ND (2)	ND (0.5)	ND (5)	ND (5)	ND (25)	ND (20)	ND (1)	ND (0.2)	ND (0.5)	ND (2)	0.13	0.14	ND (1)	ND (0.5)	ND (0.5)	ND (0.1)	ND (0.2)
Sulfate	NA	mg/L	130	3,000	140	1,500	3,300	670	ND (0.5)	4.3	21	0.43 J	290	290	4.4	180	190	67	41
Dissolved Gases																			
Ethane	NA	µg/L	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	1.3	1,100 J	2.7	42	68	550	ND (1.1)	ND (1.1)	ND (1.1)	2.9	ND (1.1) J	ND (1.1)
Ethene	NA	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	3,900 J	4.4	370	890	9,200	ND (1)	ND (1)	ND (1)	0.7 J	1.5 J	ND (1)
Methane	NA	µg/L	2.1	70	8.7	90	1,600	2,400	19,000 J	870	2,800	14,000	26,000 J	1.9	2,500	58	3,300	170 J	22

TABLE E5
Analytical Results - Groundwater, Second Quarter 2005 (June)
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AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-08-15	RMW-08-15 (FD)	RMW-08-35	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-35	RMW-10-35 (FD)
Sample Date			**6/28/2005**	**6/28/2005**	**6/28/2005**	**6/24/2005**	**6/24/2005**	**6/23/2005**	**6/23/2005**	**6/23/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**							
Volatile Organic Compounds										
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.5 J
1,1-Dichloroethane	5	µg/L	0.9	1	ND (0.5)	0.7	76	2	82 J	54 J
1,1-Dichloroethene	6	µg/L	ND (0.5)	ND (0.5)	0.8	ND (0.5)	2	1	2	2 J
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dibromoethane	0.05	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichlorobenzene	600	µg/L	200	180	18	ND (0.5)	70	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	2	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichlorobenzene	180	µg/L	0.4 J	0.4 J	ND (0.5)	ND (0.5)	0.2 J	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dichlorobenzene	5	µg/L	5	5	0.2 J	ND (0.5)	1	ND (0.5)	ND (0.5)	ND (0.5)
2-Hexanone	2,000	µg/L	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	5,500	µg/L	ND (10)	ND (10)	ND (10)	14	2 J	ND (16)	62	52 J
Benzene	1	µg/L	3	3	0.5	0.2 J	2	0.8	2	1 J
Bromodichloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1	ND (0.5)
Bromoform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	8.7	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	70	µg/L	270	230	27	ND (0.5)	4	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane	4.6	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.4 J	ND (0.5)	ND (0.5)	ND (0.5)
Chloroform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	160	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	0.7 J
cis-1,2-Dichloroethene	6	µg/L	9	10	57	0.5	95	420	220 J	130 J
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	7	6 J
Cyclohexane	10,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.2 J	0.2 J	ND (0.5)	ND (0.5)
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethyl tert-butyl ether	11	µg/L	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.9	0.9 J
Freon 11	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 12	390	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methyl acetate	6,100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methyl ethyl ketone	7,000	µg/L	0.6 J	ND (10)	ND (10)	1 J	ND (10)	2 J	6 J	5 J
Methyl isobutyl ketone	2,000	µg/L	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Methyl tert-butyl ether	13	µg/L	6	5	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylcyclohexane	5,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5	µg/L	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J
Styrene	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
tert-Amyl methyl ether	11	µg/L	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
tert-Butyl alcohol	1,800	µg/L	ND (50)	ND (50)	ND (19) J	ND (50)	ND (50)	ND (50)	910 J	520 J
Tetrachloroethene	5	µg/L	ND (0.5)	ND (0.5)	21	ND (0.5)	0.7	0.2 J	ND (0.5)	ND (0.5)
Toluene	150	µg/L	0.8	0.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.7	0.7 J
trans-1,2-Dichloroethene	10	µg/L	5	5	20	ND (0.5)	22	10	2	2 J
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5	µg/L	0.4 J	0.5	30	0.2 J	10	33	150 J	110 J
Vinyl chloride	0.5	µg/L	14	15	18	0.2 J	58	2	25 J	21 J

TABLE E5
Analytical Results - Groundwater, Second Quarter 2005 (June)
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Sample Location			RMW-08-15	RMW-08-15 (FD)	RMW-08-35	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-35	RMW-10-35 (FD)
Sample Date			**6/28/2005**	**6/28/2005**	**6/28/2005**	**6/24/2005**	**6/24/2005**	**6/23/2005**	**6/23/2005**	**6/23/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**							
Volatile Organic Compounds										
Xylenes, total	1,750	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.4 J	1	1 J
Semivolatile Organic Compounds										
1,4-Dioxane (p-dioxane)	6.1	µg/L	2.4	2.5	1.7	11	98	55	240	240
Organochlorine Pesticides/PCBs										
4,4'-DDD	0.28	µg/L	0.017 J	0.014 J	0.2 J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
4,4'-DDE	0.2	µg/L	0.019 J	ND (0.02)	0.025	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
4,4'-DDT	0.2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	0.026 J	ND (0.02)	ND (0.02)	ND (0.02)
Aldrin	0.004	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
alpha-BHC	0.011	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
alpha-Chlordane	0.1	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Aroclor-1016	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1221	0.5	µg/L	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1232	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1242	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1248	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1254	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1260	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
beta-BHC	0.037	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
delta-BHC	0.011	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Dieldrin	0.0042	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endosulfan I	220	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Endosulfan II	220	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endosulfan sulfate	220	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin	2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin aldehyde	11	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin ketone	11	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
gamma-BHC	0.052	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
gamma-Chlordane	0.1	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachlor	0.01	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachlor epoxide	0.01	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methoxychlor	30	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Toxaphene	3	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Anions										
Chloride	NA	mg/L	29	29	93	110	110	160	4,400	4,400
Nitrate as Nitrogen	NA	mg/L	ND (0.1)	ND (0.1)	1.3	20	9.8	83	ND (0.1)	ND (0.1)
Nitrite as Nitrogen	NA	mg/L	ND (0.2)	ND (0.2)	ND (0.2)	0.19	ND (0.5)	0.16	ND (10)	ND (10)
Sulfate	NA	mg/L	82	82	310	1,800	200	2,400	22,000	21,000
Dissolved Gases										
Ethane	NA	µg/L	2.2	2.6	ND (1.1)	ND (1.1)	0.9 J	ND (1.1)	ND (1.1)	ND (1.1)
Ethene	NA	µg/L	1.1	1.8	1.1	ND (1)	0.6 J	1	0.9 J	0.8 J
Methane	NA	µg/L	1,400	1,400	110	40	120	670	300	270

TABLE E5
Analytical Results - Groundwater, Second Quarter 2005 (June)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Notes:
Results greater than the screening level are bolded.
Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Groundwater Screening Level table for source of screening levels.
In cases where target analytes are reported from more than one method or from multiple dilutions, the most conservative result or reporting limit is presented; that is, the values presented represent either the maximum positive result or the minimum reporting limit selected from the available data.

---	not analyzed
FD	field duplicate
NA	not applicable
ND	not detected above the laboratory's reporting limit shown in parentheses
J	estimated value
R	rejected for failure to meet quality control requirements
µg/L	micrograms per liter
mg/L	milligrams per liter

TABLE E6
Analytical Results - Groundwater, Third Quarter 2005 (September-October)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			9/28/2005	9/29/2005	10/5/2005	10/4/2005	10/5/2005	10/5/2005	10/11/2005	10/6/2005	10/6/2005	10/12/2005	10/11/2005	10/11/2005	10/4/2005	9/28/2005	9/29/2005	10/3/2005	10/3/2005
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (500)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.21	1.9 J	ND (2.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J
1,1,2-Trichloroethane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	7.2	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5	µg/L	ND (0.5)	12	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	550	1.2	140	480 J	880	ND (0.5)	0.31	ND (0.5)	0.21	0.35	ND (0.5)
1,1-Dichloroethene	6	µg/L	ND (0.5)	0.42	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (500)	ND (0.5)	0.58	13 J	ND (2.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichlorobenzene	7.2	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.32	3.9 J	2.7	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5) J
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.8	14 J	43	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J
1,2-Dibromoethane	0.05	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichlorobenzene	600	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	13	33	360	ND (250)	4,800	0.23	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	3.4	23 J	8.6	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	2.6	ND (0.5)	ND (0.5) J	1 J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichlorobenzene	180	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.2	0.14	22	1.9 J	21	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.3	6	150	10 J	810	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Hexanone	2,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) R	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	5,500	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	4	ND (5)	ND (5,000)	ND (5)	ND (5)	1,500 J	7,500	0.79	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzene	1	µg/L	ND (0.5)	0.28	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (500)	1.2	14	200 J	120	ND (0.5)	ND (0.5)	ND (0.5)	0.72	ND (0.5)	ND (0.5)
Bromochloromethane	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	8.7	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.31	2.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.5	µg/L	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	70	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	19	510	220	24 J	71	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane	4.6	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	240	ND (250)	ND (500) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.35	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	160	µg/L	ND (1.8)	ND (0.5)	ND (1.3)	ND (1.2)	ND (1)	ND (1)	7.4	ND (1.6)	ND (1.6) J	1.7 J	6.9	ND (1.1) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.3) J	ND (0.5)
cis-1,2-Dichloroethene	6	µg/L	ND (0.5)	15	ND (0.5)	0.3	ND (0.5)	ND (0.5)	15,000	0.66	510	4,500 J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.4	1.6	ND (0.5)
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)
Cyclohexane	10,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	4.6	ND (0.5)	4.8 J	16 J	1.1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethyl tert-butyl ether	11	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.2	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (500)	0.28	15	490 J	160	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 11	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 12	390	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (500)	0.68	9.7	ND (250)	ND (500)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methyl acetate	6,100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methyl ethyl ketone	7,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	1.3	ND (5) R	ND (5)	ND (5)	1,900 J	1,700	ND (5)	ND (5)	ND (5)	1	ND (5)	ND (5)
Methyl isobutyl ketone	2,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5,000)	ND (5)	ND (5)	2,100 J	30,000	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	13	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.6	3.7	ND (250)	ND (2.5)	ND (0.5)	0.69 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylcyclohexane	5,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	9.7	ND (0.5)	2.2 J	ND (250)	1.2	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J
Methylene chloride	5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	2.1	ND (0.5)	4.4	ND (0.5) J	8.8	6.6 J	80	2.2	ND (0.5) J	0.39 J	ND (0.5) J	ND (0.5)	1.8 J
Styrene	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) R	ND (2.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J
tert-Amyl methyl ether	11	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
tert-Butyl alcohol	1,800	µg/L	ND (50)	ND (50)	ND (50)	ND (50)	12	130	51	ND (50)	ND (50)	33 J	ND (250)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Tetrachloroethene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	2.7 J	ND (0.5)	4	2.4 J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Toluene	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	4,500	ND (0.5)	13	8,200 J	4,900	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	10	µg/L	ND (0.5)	0.2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (500)	ND (0.5)	19	ND (250)	45	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (500)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (2.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)

TABLE E6
Analytical Results - Groundwater, Third Quarter 2005 (September-October)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			**9/28/2005**	**9/29/2005**	**10/5/2005**	**10/4/2005**	**10/5/2005**	**10/5/2005**	**10/11/2005**	**10/6/2005**	**10/6/2005**	**10/12/2005**	**10/11/2005**	**10/11/2005**	**10/4/2005**	**9/28/2005**	**9/29/2005**	**10/3/2005**	**10/3/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
Trichloroethene	5	µg/L	ND (0.5)	0.59	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	16 J	0.25	14	20 J	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	0.5	µg/L	ND (0.5)	2.4	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1,700	ND (0.5)	88	1,000 J	9,900	ND (0.5)	ND (0.5)	ND (0.5)	0.77	ND (0.5)	ND (0.5)
Xylenes, total	1,750	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	180	0.7	11	2,600 J	1,300	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J
Semivolatile Organic Compounds																			
1,1'-Biphenyl	300	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5) J	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2,4,5-Tetrachlorobenzene	11	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50) J	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,4-Dioxane (p-dioxane)	6.1	µg/L	ND (1)	41	ND (1)	12	1.4	130	27	ND (1)	170	110	2,000	1.2	44	ND (1)	29	ND (1)	ND (1)
2,4,5-Trichlorophenol	3,600	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (200) J	ND (20)	ND (20)	ND (200)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2,4,6-Trichlorophenol	0.96	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50) J	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,4-Dichlorophenol	110	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50) J	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,4-Dimethylphenol	730	µg/L	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	180	ND (5)	260	300 J	670	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,4-Dinitrophenol	73	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (200) J	ND (20)	ND (20)	ND (200) J	ND (20) J	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2,4-Dinitrotoluene	73	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,6-Dinitrotoluene	36	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Chloronaphthalene	490	µg/L	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (50)	ND (5) J	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Chlorophenol	30	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	3.3	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Methylnaphthalene	24	µg/L	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	65	2.4 J	ND (5)	740	500	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Methylphenol	1,800	µg/L	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	380	ND (5)	3.7	380 J	1,400	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Nitroaniline	110	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (200) J	ND (20)	ND (20)	ND (200) J	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2-Nitrophenol	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50) J	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
3,3'-Dichlorobenzidine	0.15	µg/L	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5) R	ND (50) R	ND (5)	ND (5)	ND (50) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
3-Nitroaniline	NDRI	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (200) J	ND (20)	ND (20)	ND (200) J	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
4,6-Dinitro-2-methylphenol	NDRI	µg/L	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (200) R	ND (20)	ND (20)	ND (200)	ND (20)	ND (20) R	ND (20)	ND (20) J	ND (20)	ND (20)	ND (20)
4-Bromophenylphenyl ether	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Chloro-3-methylphenol	1,800	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	180 J	ND (5)	280	ND (50)	250	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Chloroaniline	150	µg/L	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5) R	ND (50) R	ND (5)	ND (5)	ND (50) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Chlorophenylphenyl ether	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methylphenol	180	µg/L	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	560	ND (5)	13	960	5,000	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Nitroaniline	NDRI	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (200) J	ND (20)	ND (20)	ND (200) J	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
4-Nitrophenol	73	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (200)	ND (20)	ND (20)	ND (200) J	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
Acenaphthene	370	µg/L	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (50)	1.6 J	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acenaphthylene	180	µg/L	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (50)	ND (5) J	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetophenone	150,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Anthracene	1,800	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Atrazine	3	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50) J	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzaldehyde	3,600	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzo(a)anthracene	0.092	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzo(a)pyrene	0.2	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzo(b)fluoranthene	0.092	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzo(g,h,i)perylene	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzo(k)fluoranthene	0.056	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzyl butyl phthalate	7,300	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5) J	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
bis(2-Chloroethoxy)methane	0.01	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
bis(2-Chloroethyl)ether	0.01	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
bis(2-Chloroisopropyl)ether	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
bis(2-Ethylhexyl)phthalate	4.8	µg/L	ND (5)	ND (5.6)	ND (5)	1.9	ND (5)	ND (5)	ND (50)	ND (5) J	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	15	120	ND (5)	ND (5)
Caprolactam	18,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	2.4	ND (5)	ND (50)	ND (5) J	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Chrysene	0.56	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Dibenz(a,h)anthracene	0.0092	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)

TABLE E6
Analytical Results - Groundwater, Third Quarter 2005 (September-October)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			9/28/2005	9/29/2005	10/5/2005	10/4/2005	10/5/2005	10/5/2005	10/11/2005	10/6/2005	10/6/2005	10/12/2005	10/11/2005	10/11/2005	10/4/2005	9/28/2005	9/29/2005	10/3/2005	10/3/2005
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Semivolatile Organic Compounds																			
Dibenzofuran	12	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Diethylphthalate	29,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5) J	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	1	ND (5)
Dimethylphthalate	360,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5) J	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Di-n-butyl phthalate	3,600	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5) J	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Di-n-octyl phthalate	1,500	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5) J	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Fluoranthene	1,500	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Fluorene	240	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Hexachlorobenzene	1	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Hexachlorobutadiene	0.86	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Hexachlorocyclopentadiene	50	µg/L	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5) R	ND (50) R	ND (5)	ND (5)	ND (50) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Hexachloroethane	4.8	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Indeno(1,2,3-c,d)pyrene	0.092	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Isophorone	71	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	3.1	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Naphthalene	0.093	µg/L	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	77	5.9 J	ND (5)	340	160	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Nitrobenzene	3.4	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
N-Nitrosodi-n-propylamine	0.0096	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
N-Nitrosodiphenylamine	14	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Pentachlorophenol	1	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	11	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Phenanthrene	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Phenol	11,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	100	ND (5)	ND (5)	190	2,200	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Pyrene	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Metals																			
Aluminum	1,000	µg/L	ND (200) J	ND (200)	ND (200) J	ND (200) J	ND (400) J	654 J	311	13,500 J	ND (200) J	28,800	ND (200) J	ND (200) J	2,330	821	ND (200) J	5,430	ND (200) J
Aluminum (Dissolved)	1,000	µg/L	ND (200) J	ND (200) J	ND (200)	ND (200) J	ND (400) J	ND (200) J	ND (200) J	ND (200) J	ND (200)	ND (200) J	ND (200)	ND (200)	ND (200) J	ND (200) J	ND (200) J	ND (200) J	ND (200) J
Antimony	6	µg/L	ND (4)	ND (2)	ND (2)	ND (2)	ND (2) J	ND (2) J	ND (2)	ND (2)	ND (2)	1.7 J	ND (2) J	ND (2)	ND (2)	ND (4)	ND (4)	ND (2)	ND (2)
Antimony (Dissolved)	6	µg/L	ND (4)	ND (2)	ND (2)	ND (2)	ND (2) J	ND (2)	ND (2)	ND (2)	ND (2)	1 J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Arsenic	10	µg/L	7.9	74.5	5.6	14.2	66	107	33.9	7.9	6	35.8	36.3	1.7	37.9	3.2	13.4	13.7	1.3 J+
Arsenic (Dissolved)	10	µg/L	6.2	88.8	4.6	12.1	39.8 J	107	37.1	9.5	5.7	41.4	35.9	ND (1.2) J	23.2	2.4	12.6	15.6	1.3 J+
Barium	1,000	µg/L	191	39.6	89	17.1	47.8	129	118	207	121	828	179	72.9	123	27.5	50.8	139	76.1
Barium (Dissolved)	1,000	µg/L	187	43.9	82.1 J	16.1 J	45.6 J	113 J	117	106 J	125 J	587	183 J	67.2 J	81.8	23.7	44.4	90.5	78.9
Beryllium	4	µg/L	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	0.09 J	ND (1)
Beryllium (Dissolved)	4	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Boron	7,300	µg/L	3,890	2,400	359	3,130	8,490	9,560	1,520	639	1,160	2,380	1,960	3,090	1,880	720	6,970	2,230	2,190
Boron (Dissolved)	7,300	µg/L	3,720	2,370	348	2,900	8,960	9,440	1,540	642	1,190	2,430	1,930	3,080	1,840	700	7,050	2,200	2,310
Cadmium	5	µg/L	ND (2)	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	1.1	ND (1)	ND (1)	ND (1)	ND (2)	ND (2) J	ND (1)	ND (1)
Cadmium (Dissolved)	5	µg/L	ND (2) J	ND (1) J	0.13 J	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.24 J	ND (1)	ND (1)
Chromium	50	µg/L	ND (4)	ND (2)	ND (2.1) J	ND (2) J	17.2 J+	24.2 J+	3.1	137	2.1 J+	67.5	2.9 J+	ND (2) J	12.1	ND (4)	2.6	24.4	ND (2)
Chromium (Dissolved)	50	µg/L	ND (2) J	ND (2) J	ND (2) J	ND (2) J	16.1 J	16.6	2.2	3.2	ND (2) J	3.6	2.4	ND (2) J	3.6	0.25 J	ND (2.1) J	3	ND (2) J
Cobalt	730	µg/L	0.87 J	14	1.5	5.4	2.6	5.1	ND (1) J	7.1	3.1	21.3	5.5	8.7	5.2	1.3	14.2	6	2.4
Cobalt (Dissolved)	730	µg/L	1	14.8	ND (1)	5.2	1.8 J	4	0.44 J	ND (1)	3.1	8.7	5.8	8	4.2	0.83 J	17.3	3.6	2.6
Copper	1,300	µg/L	3.4	12.8	10.9 J	8.3 J	6.2 J	7.8 J	5.7	71.4 J	8.1 J	91.1	4.7 J	5.9 J	7.7	1.8 J	3.7	11.4	2.2 J+
Copper (Dissolved)	1,300	µg/L	2.7 J+	13.2	10.1	4.6	2.6 J	ND (2)	0.2 J	ND (2)	ND (2)	0.95 J	ND (2)	4.2	ND (2) J	ND (2) J	ND (2) J	ND (2) J	2 J+
Lead	15	µg/L	6.4	3	1.6 J+	1.6 J+	2.5 J+	21.8	ND (1) J	141	ND (1) J	329	ND (1) J	ND (1) J	19.9	2.8	1.8	11.6	1.5
Lead (Dissolved)	15	µg/L	1.5	2.8	ND (1)	ND (1)	ND (1) J	ND (1)	0.09 J	ND (1)	ND (1)	0.25 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	1.1
Manganese	880	µg/L	1,150	11,600	202	1,470	372	588	7,910 J	3,800	2,330	9,870 J	446	1,120	1,260	93.5	571	4,310	1,670
Manganese (Dissolved)	880	µg/L	1,140 J	8,080 J	9.6 J+	1,390 J+	386 J+	573 J+	10,900 J	4,040 J+	2,420 J+	14,100 J	444 J+	847 J+	1,170 J	79.7 J	522 J	3,950 J	1,750 J
Mercury	2	µg/L	0.04 J	ND (0.2)	ND (0.2)	ND (0.2)	0.06 J	0.09 J	0.05 J-	0.18 J	ND (0.2)	0.83 J-	ND (0.2)	ND (0.2)	0.08 J	ND (0.2)	0.04 J	0.03 J	ND (0.2)
Mercury (Dissolved)	2	µg/L	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2)	ND (0.2) J	ND (0.2) J	ND (0.2)	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2)	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J
Molybdenum	180	µg/L	ND (5) J	ND (5) J	ND (5)	ND (5)	ND (10)	ND (5)	ND (5)	ND (5) J	ND (5)	8	5.1	ND (5)	ND (5) J	8.6	ND (5) J	6.7	ND (5)

TABLE E6
Analytical Results - Groundwater, Third Quarter 2005 (September-October)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			9/28/2005	9/29/2005	10/5/2005	10/4/2005	10/5/2005	10/5/2005	10/11/2005	10/6/2005	10/6/2005	10/12/2005	10/11/2005	10/11/2005	10/4/2005	9/28/2005	9/29/2005	10/3/2005	10/3/2005
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Metals																			
Molybdenum (Dissolved)	180	µg/L	ND (5) J	ND (5) J	ND (5)	ND (5)	5.4	ND (5)	ND (5)	1.8 J	ND (5)	6.3	5.3	ND (5)	ND (5) J	7.8	ND (5) J	6.4	ND (5)
Nickel	100	µg/L	4.9	37.1	4.3 J+	14.5 J+	12.5 J+	23 J+	18.2	84	40.6 J+	118	274	236	20.3	15.8	42	31	10.9
Nickel (Dissolved)	100	µg/L	6.4	40	2.7	12.7	12.4 J	17.8	17.4	9.7	40.6	61.9	279	220	15.7	15.8	50.1	17.5	11.7
Selenium	50	µg/L	ND (10)	3.4 J	ND (5) J	ND (5) J	4.4 J	ND (5) J	ND (5) J	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	0.59 J	1.2 J	ND (10)	ND (5)	ND (5)
Selenium (Dissolved)	50	µg/L	ND (5)	ND (5) J	ND (5)	ND (5) J	3 J	ND (5) J	0.94 J	ND (5)	ND (5)	0.77 J	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5) J	ND (5)	ND (5) J
Silicon	NA	µg/L	14,300	14,400	21,000	18,100	9,180	14,800	25,400	36,800	23,900	63,700	21,900	22,300	26,400	15,600	17,400	28,800	13,600
Silicon (Dissolved)	NA	µg/L	13,700	14,300	20,300	17,800	9,090	13,700	25,200	17,000	24,800	21,100	22,200	22,300	23,500	14,000	17,500	21,200	14,200
Silver	180	µg/L	ND (2)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1) J	ND (2) J	ND (2)	ND (1) J	ND (1)
Silver (Dissolved)	180	µg/L	ND (2)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Thallium	2	µg/L	ND (2)	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1)	ND (2) J	ND (2)	ND (1) J	ND (1)
Thallium (Dissolved)	2	µg/L	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1) J	ND (1)	ND (1)
Vanadium	36	µg/L	2.6 J	2.9	11.6 J	1.4 J	13.9 J	48.2 J	2.5 J	24.7 J	2.1 J	59.3 J	3.1 J	4.5 J	18.7	7.9	4.1	16.9	1.8
Vanadium (Dissolved)	36	µg/L	ND (1) J	2.6	8.9 J-	ND (1) J	ND (1) J	32.7	2.4 J	1.5 J-	1.6 J-	4.4 J	2.6	3.6	8.5	7	3.9	1.2	1.5
Zinc	11,000	µg/L	9 J+	143 J+	12.5 J+	6.4 J+	12.2 J+	30.6 J+	14.3	101	16.4 J+	308	7.3 J+	13.9 J+	62.4 J+	5.8 J+	ND (47.9) R	ND (33.8) R	ND (7.5) R
Zinc (Dissolved)	11,000	µg/L	6.8 J	147 J	11.3	5.2	4.1 J	ND (2) J	8.7 J	12.7	15.6	52.6 J	5	12.2	3.6 J	7.4 J	11.6 J	9 J	4.2 J
Calcium	NA	µg/L	95,800	471,000	63,700 J	78,600 J	346,000 J	214,000 J	107,000	106,000 J	31,400 J	396,000	19,500	50,400	106,000	17,300	55,800	220,000	108,000
Calcium (Dissolved)	NA	µg/L	92,700	465,000	59,800 J	67,600 J	387,000 J	217,000 J	103,000	102,000	31,900 J	403,000	19,200	49,800	99,200	15,300	49,400	234,000	113,000
Iron	11,000	µg/L	2,970	103	116	742	19,400	2,130	54,500	25,000	676	71,200	11,900	169	8,020	718	1,610	8,920	169
Iron (Dissolved)	11,000	µg/L	1,590	ND (100) J	ND (100) J	587	31,900	124	51,300	8,910	652	35,300	11,200	142	1,230	ND (100) J	1,000	2,550	ND (100) J
Magnesium	NA	µg/L	92,400	84,900	75,300 J	93,800 J	1,320,000 J	460,000 J	36,900	47,300 J	35,800 J	81,600	18,800	70,500	62,900	5,310	68,200	94,800	56,900
Magnesium (Dissolved)	NA	µg/L	88,800	90,000	70,400 J	96,500 J	1,530,000 J	465,000 J	36,500	48,500	35,700 J	76,700	18,600	70,500	69,900	ND (5,000) J	62,000	93,300	60,900
Potassium	NA	µg/L	33,500 J	35,500 J	20,200	64,300	629,000	372,000	20,700 J	11,800	ND (5,000) J	54,200 J	5,650 J	6,370 J	63,300 J	3,250 J	73,300 J	12,800 J	14,600 J
Potassium (Dissolved)	NA	µg/L	28,100 J	38,300 J	19,300	50,500	696,000	368,000	19,700 J	8,620 J	ND (5,000) J	50,700 J	5,600 J	6,270 J	55,400 J	ND (5,000) J	61,800 J	10,500 J	11,600 J
Sodium	NA	µg/L	1,430,000	224,000	58,400	1,110,000	11,800,000	4,550,000	272,000	112,000	588,000	375,000	ND (5,000)	181,000	785,000	336,000	887,000	273,000	86,300
Sodium (Dissolved)	NA	µg/L	1,390,000	252,000	1,040,000	1,310,000	13,700,000	4,720,000	275,000	105,000	596,000	381,000	ND (5,000)	178,000	765,000	326,000	769,000	237,000	77,200
Organochlorine Pesticides/PCBs																			
4,4'-DDD	0.28	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	0.4	0.32 J	2	ND (0.02)	17 J	ND (0.02)	0.079	0.01 J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
4,4'-DDE	0.2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	0.13 J	ND (0.02) J	0.077	ND (0.02)	2 J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
4,4'-DDT	0.2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.2)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Aldrin	0.004	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	1.4	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
alpha-BHC	0.011	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.1)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
alpha-Chlordane	0.1	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.1)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Aroclor-1016	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1221	0.5	µg/L	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1232	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1242	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1248	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1254	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1260	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
beta-BHC	0.037	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.1)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
delta-BHC	0.011	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.1)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Dieldrin	0.0042	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	0.4 J	ND (0.02) J	0.24	ND (0.02)	2.8	ND (0.02)	0.026 J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endosulfan I	220	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.1)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Endosulfan II	220	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.2)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endosulfan sulfate	220	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.2)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin	2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.2)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin aldehyde	11	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.2)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin ketone	11	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.2)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
gamma-BHC	0.052	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.1)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)

TABLE E6
Analytical Results - Groundwater, Third Quarter 2005 (September-October)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			**9/28/2005**	**9/29/2005**	**10/5/2005**	**10/4/2005**	**10/5/2005**	**10/5/2005**	**10/11/2005**	**10/6/2005**	**10/6/2005**	**10/12/2005**	**10/11/2005**	**10/11/2005**	**10/4/2005**	**9/28/2005**	**9/29/2005**	**10/3/2005**	**10/3/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Organochlorine Pesticides/PCBs																			
gamma-Chlordane	0.1	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.1)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachlor	0.01	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.1)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachlor epoxide	0.01	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.1)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methoxychlor	30	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1)	ND (1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Toxaphene	3	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1)	ND (10)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Organophosphorus Pesticides																			
Azinphos methyl	NDRI	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bolstar	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Chlorpyrifos	110	µg/L	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Coumaphos	NDRI	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (1.25)	ND (0.2)	ND (0.2)	ND (2.5)	ND (1.25)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Demeton, Total	NDRI	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.25)	ND (0.2)	ND (0.2)	ND (0.5)	ND (0.25)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Diazinon	33	µg/L	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	0.69	ND (0.05)	ND (0.05)	ND (0.5)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Dichlorvos (DDVP)	0.23	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.25)	ND (0.2)	ND (0.2)	ND (0.5)	ND (0.25)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Dimethoate	7.3	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Disulfoton	1.5	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
EPN	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Ethion	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Ethoprop	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Fensulfothion	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.25)	ND (0.5)	ND (0.5)	ND (2.5)	ND (1.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Fenthion	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Malathion	730	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Merphos	1.1	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Mevinphos	NDRI	µg/L	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (1)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)
Monocrotophos	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (5)	ND (5)	ND (20)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Naled	73	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Parathion, ethyl	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Parathion, methyl	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Pendimethalin	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Phorate	7.3	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Ronnel	1,800	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
S-ethyl di-N,N-propylthiocarbamate	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Stirophos (Tetrachlorvinphos)	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Sulfotep	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Tetraethyl pyrophosphite (TEPP)	NDRI	µg/L	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (100)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Tokuthion (Protothiofos)	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Tributyl phosphorotrithioate (DEF)	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Trichloronate	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Trifluralin	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Anions																			
Chloride	NA	mg/L	1,700	140	1,800	1,100	21,000	7,900	290	39	250	560	470	71	650	160	200	39	23
Nitrate as Nitrogen	NA	mg/L	ND (0.1)	46 J	6.7	ND (0.1)	ND (1) J	ND (1) J	0.34	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	7.4	ND (0.1)	11	ND (0.1) J	0.09 J	0.64
Nitrite as Nitrogen	NA	mg/L	ND (5)	ND (0.5) J	ND (5)	ND (2.5) J	ND (50) J	ND (20) J	ND (1)	ND (0.2)	ND (1)	ND (2)	ND (1)	0.05 J	ND (2)	ND (0.5)	ND (0.5) J	ND (1) J	ND (0.2)
Sulfate	NA	mg/L	260	2,400	140	1,500	4,200	770	ND (0.5)	1.3	26	0.63	0.83	280	0.78	160	220	66	47
Dissolved Gases																			
Ethane	NA	µg/L	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	0.9 J	1,400	2	38	41 J	220	ND (1.1)	ND (1.1)	ND (1.1)	3.3	ND (1.1)	ND (1.1)
Ethene	NA	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	3,100	4.8	260	850 J	10,000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methane	NA	µg/L	5.6	49	9.8	89	220	3,800	18,000	650	4,100	15,000 J	25,000	0.7 J	4,400	1.8	6,200	150	6.1

TABLE E6
Analytical Results - Groundwater, Third Quarter 2005 (September-October)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-07-35	RMW-08-15	RMW-08-35	RMW-09-15	RMW-09-15 (FD)	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			**10/3/2005**	**10/10/2005**	**10/10/2005**	**9/30/2005**	**9/30/2005**	**9/30/2005**	**9/29/2005**	**9/29/2005**	**9/29/2005**	**10/6/2005**	**10/10/2005**	**10/10/2005**	**10/10/2005**	**10/5/2005**	**10/4/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**														
Volatile Organic Compounds																	
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	1.6	0.59	0.42	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	0.09	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5	µg/L	0.46	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	0.24	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)
1,1-Dichloroethane	5	µg/L	1.8	0.79	ND (0.5)	2.8	3.3	46	0.89	1.6	56	ND (0.5)	77	3.1	2.5	ND (0.5)	0.5
1,1-Dichloroethene	6	µg/L	0.94	ND (0.5)	0.45 J	0.21 J	0.31	0.64	0.75	1.7 J	1.4	ND (0.5)	22	3.4	2.8	ND (0.5)	0.75
1,2,3-Trichlorobenzene	7.2	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dibromoethane	0.05	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichlorobenzene	600	µg/L	ND (0.5)	160	7.7	ND (0.5)	ND (0.5)	35	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.6	2	1.6	ND (0.5)	ND (0.5)
1,2-Dichloroethane	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	0.82	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	2.2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichlorobenzene	180	µg/L	ND (0.5)	0.35	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dichlorobenzene	5	µg/L	ND (0.5)	4.6	ND (0.5)	ND (0.5)	ND (0.5)	0.58	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.2	0.31	0.25	ND (0.5)	ND (0.5)
2-Hexanone	2,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	5,500	µg/L	ND (5)	ND (5)	ND (5)	17 J	11 J	ND (5)	7.8	8.9	8.1	ND (5)	52	10	ND (5)	ND (5)	5.8
Benzene	1	µg/L	0.39	2.3	0.26	0.31 J	0.31	0.96	0.45	0.9	0.93	0.11	43	1.6	1.3	ND (0.5)	0.19
Bromochloromethane	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	8.7	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	70	µg/L	0.63	180	9.4	ND (0.5)	ND (0.5)	1.3	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.7	0.17	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane	4.6	µg/L	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	0.24	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (12) J	2.2	1.6	ND (0.5)	ND (0.5)
Chloroform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.25	2.5	0.97	0.8	ND (0.5)	ND (0.5)
Chloromethane	160	µg/L	ND (1.2)	ND (1.1) J	ND (1.1)	ND (1.6) J	0.49	0.96	1.1	ND (2) J	ND (0.5)	ND (1.2)	ND (1.6)	ND (1.4)	ND (0.5)	ND (1)	ND (1.4) J
cis-1,2-Dichloroethene	6	µg/L	40	2.8	47	3.3	3.6	66	320	360	150	ND (0.5)	500	15	13	ND (0.5)	6.2
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	0.32 J	0.74	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	0.33
Cyclohexane	10,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.21 J	ND (0.5)	ND (0.5)	1.3	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethyl tert-butyl ether	11	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.75	ND (0.5)	6.6	4.6	3.6	ND (0.5)	ND (0.5)
Freon 11	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 12	390	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	2.9	2.5	2	ND (0.5)	ND (0.5)
Methyl acetate	6,100	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)
Methyl ethyl ketone	7,000	µg/L	ND (5)	ND (5)	ND (5)	2.3	1.3	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	33	1.3	ND (5)	ND (5)	0.74
Methyl isobutyl ketone	2,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	44	ND (5)	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	13	µg/L	ND (0.5)	6.9	0.28 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	0.14	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylcyclohexane	5,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	3.6	0.4	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5	µg/L	ND (0.5)	2.2	1.9 J	2.1 J	7.2 J	0.77 J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (1.8)	3.3	2.9 J	ND (2.1) J	ND (0.5)	1.5
Styrene	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
tert-Amyl methyl ether	11	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
tert-Butyl alcohol	1,800	µg/L	40	ND (50)	10	120 J	62 J	ND (50)	ND (50)	22	430	ND (50)	690	ND (50)	ND (50)	ND (50)	ND (50)
Tetrachloroethene	5	µg/L	18	ND (0.5)	11	ND (0.5)	ND (0.5)	0.31	ND (0.5)	0.15	ND (0.5)	ND (0.5)	ND (0.5)	1.5	1.1	ND (0.5)	ND (0.5)
Toluene	150	µg/L	ND (0.5)	0.67	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.61	ND (0.5)	160	3.2	2.6	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	10	µg/L	20	1.9	11	0.54	0.63	10	6.9 J	12 J	1.4	ND (0.5)	19	0.53	0.43	ND (0.5)	0.26
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	0.36 J	ND (0.5)	ND (0.5) J	4.1 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J	1.4

TABLE E6
Analytical Results - Groundwater, Third Quarter 2005 (September-October)
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Sample Location			RMW-07-35	RMW-08-15	RMW-08-35	RMW-09-15	RMW-09-15 (FD)	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			**10/3/2005**	**10/10/2005**	**10/10/2005**	**9/30/2005**	**9/30/2005**	**9/30/2005**	**9/29/2005**	**9/29/2005**	**9/29/2005**	**10/6/2005**	**10/10/2005**	**10/10/2005**	**10/10/2005**	**10/5/2005**	**10/4/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**														
Volatile Organic Compounds																	
Trichloroethene	5	µg/L	18	ND (0.5)	19	2.6 J	3.3	5.4	15	22	89	ND (0.5)	56	15	13	ND (0.5)	16
Vinyl chloride	0.5	µg/L	7.8	5.2	6.5	1.1	1.9	19	0.49	1.1	8.6	ND (0.5)	230	5.2	4.4	ND (0.5)	0.26
Xylenes, total	1,750	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.25	0.21	0.26	40	25	19	ND (0.5)	ND (0.5)
Semivolatile Organic Compounds																	
1,1'-Biphenyl	300	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)
1,2,4,5-Tetrachlorobenzene	11	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,4-Dioxane (p-dioxane)	6.1	µg/L	6.7	3.6 J	ND (1.1)	47	54	23	29	25	160	ND (1)	610	13	17	ND (1)	2.2
2,4,5-Trichlorophenol	3,600	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2,4,6-Trichlorophenol	0.96	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,4-Dichlorophenol	110	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,4-Dimethylphenol	730	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,4-Dinitrophenol	73	µg/L	ND (20)	ND (20) J	ND (20)	ND (20)	ND (20) J	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2,4-Dinitrotoluene	73	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,6-Dinitrotoluene	36	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Chloronaphthalene	490	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Chlorophenol	30	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Methylnaphthalene	24	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	7.1 J	34 J	ND (5)	ND (5)
2-Methylphenol	1,800	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	4.7	ND (5)	ND (5)	ND (5)
2-Nitroaniline	110	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2-Nitrophenol	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
3,3'-Dichlorobenzidine	0.15	µg/L	ND (5) R	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5) J
3-Nitroaniline	NDRI	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
4,6-Dinitro-2-methylphenol	NDRI	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20) J	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)
4-Bromophenylphenyl ether	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Chloro-3-methylphenol	1,800	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	1.4	ND (5)	ND (5)	ND (5)	ND (5)
4-Chloroaniline	150	µg/L	ND (5) R	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5) J
4-Chlorophenylphenyl ether	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methylphenol	180	µg/L	ND (5)	ND (5)	1.1	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	5.3	ND (5)	ND (5)	ND (5)
4-Nitroaniline	NDRI	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
4-Nitrophenol	73	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
Acenaphthene	370	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acenaphthylene	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetophenone	150,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Anthracene	1,800	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Atrazine	3	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzaldehyde	3,600	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzo(a)anthracene	0.092	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzo(a)pyrene	0.2	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzo(b)fluoranthene	0.092	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzo(g,h,i)perylene	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzo(k)fluoranthene	0.056	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzyl butyl phthalate	7,300	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)
bis(2-Chloroethoxy)methane	0.01	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
bis(2-Chloroethyl)ether	0.01	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
bis(2-Chloroisopropyl)ether	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
bis(2-Ethylhexyl)phthalate	4.8	µg/L	ND (5)	ND (5)	ND (5)	ND (5.3)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	1.6
Caprolactam	18,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)
Chrysene	0.56	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Dibenz(a,h)anthracene	0.0092	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)

TABLE E6
Analytical Results - Groundwater, Third Quarter 2005 (September-October)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-07-35	RMW-08-15	RMW-08-35	RMW-09-15	RMW-09-15 (FD)	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			**10/3/2005**	**10/10/2005**	**10/10/2005**	**9/30/2005**	**9/30/2005**	**9/30/2005**	**9/29/2005**	**9/29/2005**	**9/29/2005**	**10/6/2005**	**10/10/2005**	**10/10/2005**	**10/10/2005**	**10/5/2005**	**10/4/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**														
Semivolatile Organic Compounds																	
Dibenzofuran	12	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Diethylphthalate	29,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)
Dimethylphthalate	360,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)
Di-n-butyl phthalate	3,600	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	1.1	ND (5)	ND (5)
Di-n-octyl phthalate	1,500	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)
Fluoranthene	1,500	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Fluorene	240	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Hexachlorobenzene	1	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Hexachlorobutadiene	0.86	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Hexachlorocyclopentadiene	50	µg/L	ND (5) R	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5) J
Hexachloroethane	4.8	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Indeno(1,2,3-c,d)pyrene	0.092	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Isophorone	71	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Naphthalene	0.093	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	4.6	4.9	ND (5)	ND (5)
Nitrobenzene	3.4	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
N-Nitrosodi-n-propylamine	0.0096	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
N-Nitrosodiphenylamine	14	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Pentachlorophenol	1	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Phenanthrene	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Phenol	11,000	µg/L	ND (5)	1.1	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	14 J	ND (5) J	ND (5)	4.3
Pyrene	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Metals																	
Aluminum	1,000	µg/L	1,510	340	1,310	ND (200) J	215	377	ND (200) J	ND (200) J	271	ND (200) J	2,740	322	317	3,500 J	325 J
Aluminum (Dissolved)	1,000	µg/L	ND (200) J	ND (200)	ND (200)	ND (200) J	ND (200) J	ND (200)	ND (200) J	ND (200) J	ND (200) J	ND (200) J	2,600	ND (200)	ND (200)	ND (200) J	ND (200) J
Antimony	6	µg/L	ND (2)	ND (2)	ND (2)	ND (2) J	ND (2) J	ND (2)	2 J	2.3 J	ND (2) J	ND (2)	2.1	ND (2)	ND (2)	ND (2)	ND (2)
Antimony (Dissolved)	6	µg/L	ND (2)	ND (2)	ND (2)	0.79 J	0.82 J	ND (2)	2.2	2.2	ND (2)	ND (2)	2.4	ND (2)	ND (2)	ND (2)	ND (2)
Arsenic	10	µg/L	3.5	130	2.7	1,280	1,430	6.7	629	667	665	3.3	16.4	4.7	4.3	12.3	70.5
Arsenic (Dissolved)	10	µg/L	3	119	2.8	1,460	1,430	6.3	692	745	684	2.3	15.8	3.2	3.9	13	63.1
Barium	1,000	µg/L	53	57.1	106	53.9	53.4	7.7 J	21.8 J	23.5 J	22 J	99.5	ND (10)	33.6	32.7	67.5	49.7
Barium (Dissolved)	1,000	µg/L	50.4	44.2 J	139 J	46.7	46.4	6.3 J	23.2	25.2	20.1	97.8 J	ND (10) J	31.3 J	31 J	62.9 J	45.3 J
Beryllium	4	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2) J	ND (2) J	ND (2) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Beryllium (Dissolved)	4	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Boron	7,300	µg/L	1,070	1,980	707	1,500	1,430	1,080	2,890	2,920	2,980	263	236	2,410	2,420	2,650	2,640
Boron (Dissolved)	7,300	µg/L	1,110	1,970	699	1,320	1,340	1,100	2,910	2,890	2,930	250	226	2,390	2,430	2,590	2,630
Cadmium	5	µg/L	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1) J	ND (1)	2.4	2.7	1.4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Cadmium (Dissolved)	5	µg/L	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1) J	ND (1)	3	3.1	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chromium	50	µg/L	10.8	6.4 J+	4.9 J+	3.8	4.1	2.4	6.4 J-	7.1 J-	5 J-	4.6 J+	24.4 J+	3.3 J+	3.5 J+	12.9 J+	6.7 J+
Chromium (Dissolved)	50	µg/L	ND (2) J	5	ND (2) J	2.2	2.2	ND (2) J	2.9	3.4	4.5	ND (2) J	14.5	ND (2) J	ND (2) J	4.1	3.7
Cobalt	730	µg/L	2.6	1.7	5.8	13.2	13.1	0.45 J	24.5 J-	25.4 J-	228 J-	1.1	5.7	2.7	2.8	14.7	91.7
Cobalt (Dissolved)	730	µg/L	1.8	1.7	6.9	13.1	12.9	0.2 J	31.8	32.1	257	ND (1)	5.3	2.3	2.5	14.7	82.4
Copper	1,300	µg/L	8.2	4.2 J	6.7 J	53	35.6	4.6	21.3 J-	21.5 J-	20.3 J-	3.9 J	18 J	2.6 J	3.1 J	35.3 J	51.5 J
Copper (Dissolved)	1,300	µg/L	ND (2) J	ND (2)	ND (2)	24.5	22.3	2.7 J+	33.7	31.2	8.9	ND (2)	17.3	ND (2)	ND (2)	ND (2)	ND (2)
Lead	15	µg/L	3	3.2 J+	1.3 J+	4.4	3.7	1.1	8.7 J	9.2 J	6.6 J	2.2 J+	2.7 J+	ND (1) J	ND (1) J	3 J+	1.7 J+
Lead (Dissolved)	15	µg/L	ND (1)	1.4	ND (1)	3	3.1	ND (1)	7.7	8.1	1.1	ND (1)	1.2	ND (1)	ND (1)	ND (1)	ND (1)
Manganese	880	µg/L	461	3,250	770	9,220	9,100	16.1	1,400	1,530	9,130	602	4.7 J+	465	460	2,900	80,700
Manganese (Dissolved)	880	µg/L	510 J	3,240 J+	1,000 J+	9,490 J	9,300 J	11.6 J	2,790 J	2,990 J	13,900 J	603 J+	1.2 J+	419 J+	416 J+	2,990 J+	84,400 J+
Mercury	2	µg/L	0.03 J	ND (0.2)	ND (0.2)	0.04 J	0.05 J	0.04 J	0.08 J	0.08 J	0.15 J	ND (0.2)	0.04 J	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Mercury (Dissolved)	2	µg/L	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J	ND (0.2) J
Molybdenum	180	µg/L	24.3	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5) J	ND (5) J	ND (5)	ND (5)	13.6	17.8	18.6	18.8	ND (5) J	6.2

TABLE E6
Analytical Results - Groundwater, Third Quarter 2005 (September-October)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-07-35	RMW-08-15	RMW-08-35	RMW-09-15	RMW-09-15 (FD)	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			**10/3/2005**	**10/10/2005**	**10/10/2005**	**9/30/2005**	**9/30/2005**	**9/30/2005**	**9/29/2005**	**9/29/2005**	**9/29/2005**	**10/6/2005**	**10/10/2005**	**10/10/2005**	**10/10/2005**	**10/5/2005**	**10/4/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**														
Metals																	
Molybdenum (Dissolved)	180	µg/L	25.1	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	14.1	17.8	17.6	17.8	ND (5) J	6.4
Nickel	100	µg/L	19.7	10.3 J+	24.5 J+	64.4	70.6	5.6	227 J-	236 J-	510 J-	5.6 J+	29.4 J+	78.8	78.7	24.6 J+	185
Nickel (Dissolved)	100	µg/L	16.1	10.5	26.3	77.3	77	4.4	306	309	592	3.4	24.3	72.1	71.9	19.9	168
Selenium	50	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	2.6 J	2.6 J	36.5	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5) J	ND (5) J
Selenium (Dissolved)	50	µg/L	ND (5)	ND (5)	ND (5) J	ND (5) J	5.4	ND (5) J	ND (5) J	ND (5) J	33.7	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5) J	ND (5) J
Silicon	NA	µg/L	18,200	20,900	26,000	8,160	8,280	10,900	17,600	17,700	20,200	19,400	19,000	17,200	17,300	21,400	20,300
Silicon (Dissolved)	NA	µg/L	16,000	19,900	22,600	7,680	7,850	10,400	18,300	18,300	19,900	20,000	18,500	16,700	17,300	15,100	19,700
Silver	180	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (2)	ND (2)	ND (2) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1) J
Silver (Dissolved)	180	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Thallium	2	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Thallium (Dissolved)	2	µg/L	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vanadium	36	µg/L	8.7	2.2 J	7.3 J	2.8	3.7	12.7	1.8 J-	2.2 J-	2.9 J-	2.7 J	112 J	1.6 J	3 J	6.6 J	4.8 J
Vanadium (Dissolved)	36	µg/L	5	2 J-	6.7	2.5	2.1	12.6	2.2	2.3	2.6	ND (1) J	110	ND (1) J	ND (1) J	ND (1) J	ND (1) J
Zinc	11,000	µg/L	ND (28.1) R	6.3 J+	27 J+	50.3 J+	39.7 J+	ND (7.1) R	4,520 J+	4,920 J+	115 J+	16 J+	17.2 J+	8 J+	8.4 J+	13.1 J+	38.7 J+
Zinc (Dissolved)	11,000	µg/L	17.2 J	6.7	29.1	29.3 J	28.8 J	4.1 J	5,540 J	5,640 J	30.8 J	10.2	4.7	ND (2) J	ND (2) J	6.2	32.6
Calcium	NA	µg/L	26,900	87,900	112,000	565,000	549,000	5,210	512,000	506,000	446,000	66,400 J	7,080	16,400	16,600	130,000 J	301,000 J
Calcium (Dissolved)	NA	µg/L	29,800	86,900	110,000	534,000	541,000	5,170	518,000	516,000	410,000	67,300 J	9,050	16,100	16,300	124,000 J	296,000 J
Iron	11,000	µg/L	2,080	6,260	1,900	501	620	499	183	253	2,570	448	427	622	602	4,610	11,700
Iron (Dissolved)	11,000	µg/L	ND (100) J	5,350	ND (100) J	175	179	ND (100) J	ND (100) J	ND (100) J	2,350	325	ND (100) J	205	217	1,720	10,600
Magnesium	NA	µg/L	27,000	28,200	135,000	152,000	149,000	1,990 J	108,000	107,000	748,000	74,000 J	ND (5,000) J	17,700	18,200	299,000 J	575,000 J
Magnesium (Dissolved)	NA	µg/L	30,300	27,500	134,000	152,000	152,000	ND (5,000) J	106,000	105,000	690,000	72,000 J	ND (5,000) J	17,400	17,800	296,000 J	578,000 J
Potassium	NA	µg/L	7,010 J	56,900 J	ND (5,000) J	48,700 J	55,100 J	2,960 J	19,900 J	19,800 J	834,000 J	10,900	15,600 J	5,510 J	5,560 J	176,000	194,000
Potassium (Dissolved)	NA	µg/L	5,300 J	56,400 J	ND (5,000) J	39,800 J	41,700 J	ND (5,000) J	15,300 J	15,800 J	686,000 J	10,400	16,000 J	5,430 J	5,430 J	129,000	243,000
Sodium	NA	µg/L	476,000	149,000	233,000	625,000	689,000	390,000	197,000	194,000	4,660,000	247,000	542,000	261,000	271,000	4,800,000	5,050,000
Sodium (Dissolved)	NA	µg/L	414,000	151,000	232,000	644,000	650,000	333,000	178,000	178,000	4,100,000	235,000	560,000	264,000	261,000	4,950,000	4,770,000
Organochlorine Pesticides/PCBs																	
4,4'-DDD	0.28	µg/L	ND (0.02)	ND (0.02)	0.37	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	0.062 J	0.2	0.26 J	ND (0.02)	ND (0.02)
4,4'-DDE	0.2	µg/L	ND (0.02)	ND (0.02)	0.064	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	0.011	0.011	ND (0.02)	ND (0.02)
4,4'-DDT	0.2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Aldrin	0.004	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
alpha-BHC	0.011	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
alpha-Chlordane	0.1	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Aroclor-1016	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1221	0.5	µg/L	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1232	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1242	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1248	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1254	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1260	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
beta-BHC	0.037	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
delta-BHC	0.011	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Dieldrin	0.0042	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	0.05	0.045	0.05	ND (0.02)	ND (0.02)
Endosulfan I	220	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Endosulfan II	220	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endosulfan sulfate	220	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin	2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin aldehyde	11	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin ketone	11	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
gamma-BHC	0.052	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)

TABLE E6
Analytical Results - Groundwater, Third Quarter 2005 (September-October)
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Sample Location			RMW-07-35	RMW-08-15	RMW-08-35	RMW-09-15	RMW-09-15 (FD)	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			**10/3/2005**	**10/10/2005**	**10/10/2005**	**9/30/2005**	**9/30/2005**	**9/30/2005**	**9/29/2005**	**9/29/2005**	**9/29/2005**	**10/6/2005**	**10/10/2005**	**10/10/2005**	**10/10/2005**	**10/5/2005**	**10/4/2005**
Analyte	**Screening Level**	**Units**	**Analytical Results**														
Organochlorine Pesticides/PCBs																	
gamma-Chlordane	0.1	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachlor	0.01	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	0.012 J
Heptachlor epoxide	0.01	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methoxychlor	30	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Toxaphene	3	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Organophosphorus Pesticides																	
Azinphos methyl	NDRI	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bolstar	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Chlorpyrifos	110	µg/L	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.25)	ND (0.05)	ND (0.25) J	ND (0.05) J	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Coumaphos	NDRI	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (1.25)	ND (1.25)	ND (0.2)	ND (1.25) J	ND (0.2) J	ND (1.25)	ND (0.2)	ND (1.25)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Demeton, Total	NDRI	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.25)	ND (0.25)	ND (0.2)	ND (0.25) J	ND (0.2) J	ND (0.25)	ND (0.2)	ND (0.25)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Diazinon	33	µg/L	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.25)	ND (0.05)	ND (0.25) J	ND (0.05) J	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Dichlorvos (DDVP)	0.23	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.25)	ND (0.25)	ND (0.2)	ND (0.25) J	ND (0.2) J	ND (0.25)	ND (0.2)	ND (0.25)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Dimethoate	7.3	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Disulfoton	1.5	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
EPN	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Ethion	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Ethoprop	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Fensulfothion	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.25)	ND (1.25)	ND (0.5)	ND (1.25) J	ND (0.5) J	ND (1.25)	ND (0.5)	ND (1.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Fenthion	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Malathion	730	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.5)	ND (0.1)	ND (0.5) J	ND (0.1) J	ND (0.5)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Merphos	1.1	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.5)	ND (0.1)	ND (0.5) J	ND (0.1) J	ND (0.5)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Mevinphos	NDRI	µg/L	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7) J	ND (0.7) J	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)
Monocrotophos	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (10)	ND (10)	ND (5)	ND (10) J	ND (5) J	ND (10)	ND (5)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)
Naled	73	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1) J	ND (0.5) J	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Parathion, ethyl	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Parathion, methyl	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Pendimethalin	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Phorate	7.3	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Ronnel	1,800	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
S-ethyl di-N,N-propylthiocarbamate	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Stirophos (Tetrachlorvinphos)	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.5)	ND (0.1)	ND (0.5) J	ND (0.1) J	ND (0.5)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Sulfotep	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Tetraethyl pyrophosphite (TEPP)	NDRI	µg/L	ND (2)	ND (2)	ND (2)	ND (10)	ND (10)	ND (2)	ND (10) J	ND (15) J	ND (10)	ND (2)	ND (10)	ND (2)	ND (2)	ND (2)	ND (2)
Tokuthion (Protothiofos)	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Tributyl phosphorotrithioate (DEF)	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.5)	ND (0.1)	ND (0.5) J	ND (0.1) J	ND (0.5)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Trichloronate	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.5)	ND (0.1)	ND (0.5) J	ND (0.1) J	ND (0.5)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Trifluralin	NDRI	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.25)	ND (0.25)	ND (0.1)	ND (0.25) J	ND (0.1) J	ND (0.25)	ND (0.1)	ND (0.25)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Anions																	
Chloride	NA	mg/L	110	35	95	740	680	89	170	150	5,300	390	260	78	78	8,600	7,100
Nitrate as Nitrogen	NA	mg/L	3.1	ND (0.1)	2	0.19	0.25	11	67 J	58 J	ND (0.1)	3.4	0.21	2.4 J	2 J	0.12	0.13
Nitrite as Nitrogen	NA	mg/L	0.65	ND (0.1)	0.06 J	ND (2)	ND (2)	ND (0.2)	0.36	0.36 J	ND (50) J	ND (1)	ND (1) J	ND (0.5) J	ND (0.5) J	10	ND (20) J
Sulfate	NA	mg/L	430	35	270	6,800	7,600	180	2,600	2,300	22,000	88	63	190	190	1,300	6,300
Dissolved Gases																	
Ethane	NA	µg/L	4.9	2	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	9.3	89	3.5	3.2	1.9 J	5
Ethene	NA	µg/L	3.1	ND (1)	0.5 J	ND (1)	ND (1)	ND (1)	0.7 J	0.9 J	1	3.3	1,500	3.9	3.3	0.7 J	2.4
Methane	NA	µg/L	19	1,200	34	15	15	99	590	730	320	140	2,300	32	28	34 J	140

TABLE E6
Analytical Results - Groundwater, Third Quarter 2005 (September-October)
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Notes:
Results greater than the screening level are bolded.
Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Groundwater Screening Level table for source of screening levels.
In cases where target analytes are reported from more than one method or from multiple dilutions, the most conservative result or reporting limit is presented; that is, the values presented represent either the maximum positive result or the minimum reporting limit selected from the available data.

NA	not applicable
NDRI	not detected in groundwater during the Remedial Investigation phase
---	not analyzed
FD	field duplicate
µg/L	micrograms per liter
mg/L	milligrams per liter
ND	not detected above the laboratory's reporting limit shown in parentheses
J	estimated value
J+	estimated value, high bias
J-	estimated value, low bias
R	rejected for failure to meet quality control requirements

TABLE E7
Analytical Results - Groundwater, Fourth Quarter 2005 (January 2006)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			1/12/2006	1/17/2006	1/10/2006	1/13/2006	1/13/2006	1/13/2006	1/23/2006	1/19/2006	1/19/2006	1/23/2006	1/23/2006	1/23/2006	1/20/2006	1/12/2006	1/17/2006	1/11/2006	1/11/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	640 J	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	18 J	ND (0.5) J	ND (0.5)	ND (10)	ND (5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5	µg/L	ND (0.5)	58	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	2,200 J	1.2	75	700	520	ND (0.5)	0.33 J	0.3 J	0.69	0.35 J	ND (0.5)
1,1-Dichloroethene	6	µg/L	ND (0.5)	1.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	230	ND (0.5)	0.31 J	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichlorobenzene	7.2	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	4.8 J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	0.53	10	34 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dibromoethane	0.05	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5) J	ND (0.5) J	ND (0.5) J	ND (10)	ND (5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichlorobenzene	600	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	11 J	44	220	69	3,900	0.2 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	1.5	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5) J	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J
1,3-Dichlorobenzene	180	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	0.18 J	5.9 J	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.6 J	6.6 J	74	7.8 J	610	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Hexanone	2,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (100)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	5,500	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (7.2)	ND (7.4)	ND (50)	ND (5)	ND (5)	ND (5,000)	6,600	ND (5)	ND (6.7)	ND (5)	ND (5)	ND (5)	ND (5)
Benzene	1	µg/L	ND (0.5)	1.1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	4,000 J	1	4.6	320	99	ND (0.5)	0.16 J	ND (0.5)	0.62	ND (0.5)	ND (0.5)
Bromochloromethane	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5) J	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J
Bromoform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5) J	ND (0.5) J	ND (0.5) J	ND (10)	ND (5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	8.7	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	2.4	ND (5)	0.19 J	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	70	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	28	820	94	12	72	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane	4.6	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	87	ND (0.5)	110	68 J	240	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	160	µg/L	ND (0.84)	ND (0.5)	ND (0.75)	ND (0.58)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5)	0.5	ND (0.76)	ND (0.5)	ND (0.84)	ND (0.5)
cis-1,2-Dichloroethene	6	µg/L	ND (0.5)	77	ND (0.5)	0.28 J	ND (0.5)	ND (0.5)	42,000	0.59	240	4,500	250 J	ND (0.5)	ND (0.5)	ND (0.5)	5.8	1.8	ND (0.5)
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5) J	ND (0.5)	ND (10)	ND (5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Cyclohexane	10,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	5	ND (0.5) J	1.3	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5) J	ND (0.5) J	ND (0.5) J	ND (10)	ND (5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethyl tert-butyl ether	11	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	4,000 J	1.4 J	6.1 J	170	220	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 11	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 12	390	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	42 J	14 J	2.6 J	ND (10)	210 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methyl acetate	6,100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (5) J	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methyl ethyl ketone	7,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (5)	ND (5)	ND (100)	ND (50)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl isobutyl ketone	2,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	40,000 J	ND (5)	ND (5)	2,400 J	21,000	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	13	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	4.1	36	ND (5)	ND (0.5)	1.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylcyclohexane	5,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5) J	0.34 J	4.8 J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J
Methylene chloride	5	µg/L	ND (0.89) J	ND (1.3) J	ND (2.3) J	ND (0.75) J	ND (0.94) J	ND (1.1) J	ND (13) J	ND (1.1) J	ND (3.3) J	ND (14)	ND (41) J	ND (1.1) J	ND (2.5) J	ND (0.98) J	ND (1.2) J	ND (1.9) J	ND (1.6) J
Styrene	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5) J	ND (0.5) J	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
tert-Amyl methyl ether	11	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
tert-Butyl alcohol	1,800	µg/L	ND (50)	23 J	ND (50)	ND (50)	ND (50)	190	ND (500)	ND (50)	ND (50)	ND (1,000)	ND (500) J	ND (50)	ND (50)	ND (50)	12 J	ND (50)	ND (50)
Tetrachloroethene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	4 J	ND (0.5) J	1.6 J	ND (10)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Toluene	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	12,000	ND (0.5) J	20 J	9,000	3,700	ND (0.5)	0.49 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	10	µg/L	ND (0.5)	1.1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	4,000 J	ND (0.5)	6.3	37	35	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5) J	ND (0.5)	ND (10)	ND (5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE E7
Analytical Results - Groundwater, Fourth Quarter 2005 (January 2006)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			1/12/2006	1/17/2006	1/10/2006	1/13/2006	1/13/2006	1/13/2006	1/23/2006	1/19/2006	1/19/2006	1/23/2006	1/23/2006	1/23/2006	1/20/2006	1/12/2006	1/17/2006	1/11/2006	1/11/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
Trichloroethene	5	µg/L	ND (0.5)	2.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	32	0.22 J	3.9 J	ND (10)	ND (6.7)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	0.5	µg/L	ND (0.5)	12	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	8,400	ND (0.5)	29	1,700	7,000	ND (0.5)	ND (0.5)	ND (0.5)	3.3	ND (0.5)	ND (0.5)
Xylenes, total	1,750	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	4,000 J	2 J	15 J	1,900	800	ND (0.5)	0.51	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Semivolatile Organic Compounds																			
1,1'-Biphenyl	300	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5)	1.3 J	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2,4,5-Tetrachlorobenzene	11	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,4-Dioxane (p-dioxane)	6.1	µg/L	ND (2)	170 J	ND (2)	ND (2)	ND (2)	96	35	ND (2)	40	25	610 J	ND (2) R	78	ND (2)	33	ND (2)	ND (2)
2,2'-Oxybis(1-Chloropropane)	0.01	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,4,5-Trichlorophenol	3,600	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2,4,6-Trichlorophenol	0.96	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.04)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2,4-Dichlorophenol	110	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,4-Dimethylphenol	730	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	150	110 J	370	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,4-Dinitrophenol	73	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2,4-Dinitrotoluene	73	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,6-Dinitrotoluene	36	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Chloronaphthalene	490	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Chlorophenol	30	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	4.3 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Methylnaphthalene	24	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	70 J	2.1 J	ND (5)	340	340	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Methylphenol	1,800	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	400	ND (5)	19	110 J	750	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Nitroaniline	110	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20) R	ND (20)	ND (20)	ND (20) J	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2-Nitrophenol	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
3,3'-Dichlorobenzidine	0.15	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.09)	ND (0.1)	ND (0.1)	ND (0.08)	ND (2.9)	ND (3.6)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
3-Nitroaniline	NDRI	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20) R	ND (20)	ND (20)	ND (20) J	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
4,6-Dinitro-2-methylphenol	NDRI	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
4-Bromophenylphenyl ether	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Chloro-3-methylphenol	1,800	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	110 J	ND (5)	80	ND (5) J	200 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Chloroaniline	150	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Chlorophenylphenyl ether	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methylphenol	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	620	ND (5)	210	310	2,700	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Nitroaniline	NDRI	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20) R	ND (20)	ND (20)	ND (20) J	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
4-Nitrophenol	73	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20) R	ND (20)	ND (20)	ND (20) J	ND (20) J	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
Acenaphthene	370	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5) R	1.1 J	ND (5)	1.2 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acenaphthylene	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetophenone	150,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Anthracene	1,800	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Atrazine	3	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.28)	ND (0.39)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzaldehyde	3,600	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzo(a)anthracene	0.092	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.04 J	ND (0.1)	0.04 J	ND (0.1)	0.35 J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzo(a)pyrene	0.2	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.34)	ND (0.1)	ND (0.1)	ND (0.1)	0.19 J	0.17 J	ND (0.1)	0.33 J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzo(b)fluoranthene	0.092	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.03)	ND (0.1)	ND (0.1)	ND (0.1)	0.43 J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzo(g,h,i)perylene	180	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.03 J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.08)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzo(k)fluoranthene	0.056	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.04)	ND (0.1)	ND (0.1)	ND (0.07)	0.46 J	ND (0.07)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzyl butyl phthalate	7,300	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)
bis(2-Chloroethoxy)methane	0.01	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.58)	ND (4.7)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
bis(2-Chloroethyl)ether	0.01	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (2.2)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
bis(2-Ethylhexyl)phthalate	4.8	µg/L	ND (0.4) J	ND (0.1) J	ND (0.39) J	ND (0.27) J	ND (0.24) J	ND (0.17) J	ND (0.73) J	ND (0.1) J	ND (0.11) J	ND (0.3) J	ND (0.36) J	ND (0.25)	ND (0.27) J	ND (0.43) J	ND (0.18) J	ND (0.21) J	ND (0.2) J
Caprolactam	18,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Carbazole	3.4	µg/L	ND (0.14)	ND (0.1)	ND (0.12)	0.1	ND (0.1)	0.12	0.5 J	ND (0.1)	ND (0.1)	11 J	0.54 J	ND (0.1)	ND (0.1)	ND (0.13)	ND (0.1)	ND (0.12)	ND (0.11)
Chrysene	0.56	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.03 J	ND (0.1)	0.04 J	ND (0.1)	0.42 J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)

TABLE E7
Analytical Results - Groundwater, Fourth Quarter 2005 (January 2006)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			1/12/2006	1/17/2006	1/10/2006	1/13/2006	1/13/2006	1/13/2006	1/23/2006	1/19/2006	1/19/2006	1/23/2006	1/23/2006	1/23/2006	1/20/2006	1/12/2006	1/17/2006	1/11/2006	1/11/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Semivolatile Organic Compounds																			
Dibenz(a,h)anthracene	0.0092	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.07)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Dibenzofuran	12	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Diethylphthalate	29,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Dimethylphthalate	360,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Di-n-butyl phthalate	3,600	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5)	2.1 J	2.9 J	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Di-n-octyl phthalate	1,500	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)
Fluoranthene	1,500	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	1.1 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Fluorene	240	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Hexachlorobenzene	1	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Hexachlorobutadiene	0.86	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Hexachlorocyclopentadiene	50	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Hexachloroethane	4.8	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.15)	ND (0.1)	ND (0.1)	ND (1.3)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Indeno(1,2,3-c,d)pyrene	0.092	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.08)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Isophorone	71	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Naphthalene	0.093	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	**76 J**	**4.5 J**	ND (5)	**200 J**	**110 J**	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Nitrobenzene	3.4	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.17)	ND (0.1)	ND (0.1)	ND (0.42)	ND (4.6)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
N-Nitrosodi-n-propylamine	0.0096	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (3)	ND (0.1)	ND (1.8)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
N-Nitrosodiphenylamine	14	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	1.2 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Pentachlorophenol	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	**13 J**	ND (0.5)	ND (0.5)	**3.7 J**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Phenanthrene	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	2.6 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Phenol	11,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	180 J	ND (5)	ND (5)	64 J	1,200	ND (5)	2.2 J	ND (5)	ND (5)	ND (5)	ND (5)
Pyrene	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)
Metals																			
Aluminum	1,000	µg/L	264	308	290	496	823	62,700	890	**9,770 J**	375 J	520	1,030	644 J	**2,720 J**	727	494	4,840	652
Aluminum (Dissolved)	1,000	µg/L	ND (200) J	251	201	222	325	270	145 J	145 J	125 J	177 J	168 J	169 J	161 J	205	219	230	211
Antimony	6	µg/L	ND (4)	ND (4) J	ND (4)	ND (4)	ND (4) J	4.7	ND (2) J	ND (2) J	ND (2)	ND (2) J	ND (2) J	ND (2) J	ND (2) J	ND (4)	ND (4)	ND (4)	ND (4)
Antimony (Dissolved)	6	µg/L	ND (4)	ND (4) J	ND (4)	ND (4)	ND (4) J	ND (4) J	ND (2)	ND (2)	ND (2)	ND (2) J	ND (2) J	ND (2)	ND (2) J	ND (4)	ND (4)	ND (4)	ND (4)
Arsenic	10	µg/L	6.2	147	3.7	12.6	49.4	111	38.4	6.5	5	40.2	35.4	1.5	11.8	3	16.2	5.1	ND (2) J
Arsenic (Dissolved)	10	µg/L	4.1	147	3.9	12.7	53.8	107	37.2	7.6	4.8	40.4	36	0.98 J	7.8	2.3	14.7	3.8	0.76 J
Barium	1,000	µg/L	110	53.1	61.5	18.8 J	55.9	817	113	166	80.6	608	177	79.9	129	40.5	111	143	160
Barium (Dissolved)	1,000	µg/L	96.2	50.5	57.5	ND (20)	45.3	102	107 J	104 J	82.3 J	608 J	171 J	71.9 J	93.5 J	30.8	97.6	111	142
Beryllium	4	µg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	1.5 J	ND (1)	0.16 J	ND (1)	ND (1)	ND (1)	ND (1)	0.16 J	ND (2)	ND (2)	ND (2)	ND (2)
Beryllium (Dissolved)	4	µg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)
Cadmium	5	µg/L	ND (2)	0.58 J	0.44 J	ND (2)	ND (2)	5.8	ND (1)	0.22 J	ND (1)	ND (1)	0.22 J	ND (1)	0.11 J	ND (2)	0.24 J	0.22 J	ND (2)
Cadmium (Dissolved)	5	µg/L	ND (2)	0.6 J	0.26 J	ND (2)	ND (2)	0.27 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	0.36 J	ND (2)
Chromium	50	µg/L	ND (4) J	ND (4) J	ND (4) J	ND (4) J	13.5	187	4.8	33.2	ND (2) J	3.8	4.9	2.6	8.8	ND (4) J	ND (4) J	14	ND (4) J
Chromium (Dissolved)	50	µg/L	0.68 J	2.3 J	0.66 J	0.88 J	15.8	19	2.5	0.92 J	0.93 J	2.8	2.1	0.55 J	1.6 J	0.17 J	1.9 J	3 J	1.9 J
Cobalt	730	µg/L	0.5 J	19.3 J	1.6 J	6.1 J	2.4 J	35.7 J	1.2	5.3	1.7	7.4	6.1	11.8	3.9	0.53 J	4 J	4.6 J	4.3 J
Cobalt (Dissolved)	730	µg/L	0.5 J	18.8	0.07 J	6.1	2.4	4	0.66 J	0.52 J	1.7	6.8	5.4	10.5	2.6	0.23 J	4.6	2.5	3.4
Copper	1,300	µg/L	ND (4) J	95.8 J+	6.6 J+	84.2 J+	54.4 J+	296 J+	11.6	56.1	5	9.6	12.6	10.9	10.1	5.5 J+	36.8 J+	15.8 J+	7.5 J+
Copper (Dissolved)	1,300	µg/L	3.3 J	118	4.5	184	151	1.7 J	ND (2)	ND (2)	ND (2)	1 J	0.93 J	3.4	1.7 J	3.3 J	3.1 J	16.3	5.3
Lead	15	µg/L	4 J+	4.4 J+	8.7 J+	2.8 J+	**18.1 J+**	**1,050 J+**	1.2	90.5	ND (1)	7.6	6.9	2.4	**19.4**	1.7 J+	2.8 J+	11.4 J+	1.8 J+
Lead (Dissolved)	15	µg/L	1.1 J	2 J	5.4 J	1.5 J	1.3 J	ND (2) J	0.18 J	0.16 J	0.22 J	0.35 J	0.55 J	0.93 J	0.98 J	0.22 J	0.3 J	4 J	0.8 J
Manganese	880	µg/L	638 J	**9,640 J**	280 J	**1,220 J**	457 J	**1,790 J**	7,360	3,710	1,020	6,630	339	972	1,060	123 J	**2,070 J**	**4,460 J**	**4,330 J**
Manganese (Dissolved)	880	µg/L	644	9,490	93.7	1,250	372	796	7,850	3,740	1,070	6,680	345	918	884	60.4	1,880	4,260	3,980
Mercury	2	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Mercury (Dissolved)	2	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Nickel	100	µg/L	4	52.3	3.4	14.3	11	179	20.3	31.1	21.5	46.9	**309**	**246**	18.7	19.4	18.6	24.5	14.7
Nickel (Dissolved)	100	µg/L	3.8	52	ND (2)	13.7	8.8	17.3	17.4 J	4.6 J	20.5 J	42.8 J	**308 J**	**227 J**	12.2 J	15.6	20	22	13.2

TABLE E7
Analytical Results - Groundwater, Fourth Quarter 2005 (January 2006)
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AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			1/12/2006	1/17/2006	1/10/2006	1/13/2006	1/13/2006	1/13/2006	1/23/2006	1/19/2006	1/19/2006	1/23/2006	1/23/2006	1/23/2006	1/20/2006	1/12/2006	1/17/2006	1/11/2006	1/11/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Metals																			
Selenium	50	µg/L	ND (10)	6.8 J	ND (10)	ND (10)	6 J	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (10)	ND (10)	ND (10)
Selenium (Dissolved)	50	µg/L	ND (10)	4.7 J+	ND (10)	ND (10)	5 J+	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (10)	ND (10)	ND (10)
Silver	180	µg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) J	ND (2) J	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (2)	ND (2)	ND (2)	ND (2)
Silver (Dissolved)	180	µg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) J	ND (2) J	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)
Thallium	2	µg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2) J
Thallium (Dissolved)	2	µg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)
Vanadium	36	µg/L	ND (2) J	3.4	10.7	ND (2) J	2.1	186	4.1	20.5	1.8	3.9	4.9	6.2	20.1	8.5	4.3	10	ND (2) J
Vanadium (Dissolved)	36	µg/L	ND (2) J	3.3	10.3	ND (2)	19.2	53.7	2.8	0.92 J	1.9	2.3	3	4.6	10.1	6.2	2.7	2.4	ND (2) J
Zinc	11,000	µg/L	10.1	222	12.4	12.6	27.2	750	30.8	82.9 J	11.8 J	22.2	36.9	28.2 J	73.7 J	10.7	31.3	25.9	23.7
Zinc (Dissolved)	11,000	µg/L	7.5	231	8.3	11.4	11.2	4.7	11	22.7	10.9	14.2	15.6	18.3	13.4	7.6	22.4	26.2	19.6
Calcium	NA	µg/L	52,200	484,000	47,700	68,900	365,000	249,000	118,000	109,000	22,700	401,000	17,100	54,700	130,000	27,600	261,000	229,000	151,000
Calcium (Dissolved)	NA	µg/L	51,600	501,000	43,900	67,300	383,000	228,000	121,000	102,000	23,300	384,000	17,700	52,600	122,000	26,700	234,000	224,000	152,000
Iron	11,000	µg/L	2,670	211	299	984	32,600	105,000	80,400	21,900	660	38,200	12,000	1,030	4,660	801	9,350	5,040	625
Iron (Dissolved)	11,000	µg/L	452	ND (100) J	ND (100) J	596	23,800	268	79,600	9,590	382	34,400	10,800	219	501	ND (100)	7,140	379	ND (100) J
Magnesium	NA	µg/L	50,300	128,000	59,800	105,000	2,200,000	530,000	48,100	42,000	21,400	85,200	17,800	81,600	44,100	9,410	95,600	78,500	45,100
Magnesium (Dissolved)	NA	µg/L	49,700	137,000	55,000	103,000	1,820,000	582,000	49,500	38,700	22,500	79,600	18,700	77,900	42,100	9,020	95,200	70,200	48,300
Potassium	NA	µg/L	17,200	54,700	14,800	45,900	384,000	269,000	19,700 J	10,300	ND (5,000) J	47,500	5,400	5,850	48,100	ND (5,000)	50,700	10,200	24,000
Potassium (Dissolved)	NA	µg/L	17,200	58,000	14,000	44,600	394,000	291,000	19,800	8,880	ND (5,000)	45,100	5,390	5,630	47,400	ND (5,000) J	51,900	10,300	23,800
Sodium	NA	µg/L	973,000	371,000	870,000	1,270,000	9,910,000	4,760,000	190,000 J	103,000	376,000	351,000	1,260,000	168,000	333,000	335,000	350,000	235,000	57,800
Sodium (Dissolved)	NA	µg/L	991,000 J	405,000 J	876,000 J	1,240,000 J	9,430,000 J	5,290,000 J	202,000 J	97,800 J	384,000 J	318,000 J	1,340,000 J	167,000 J	346,000 J	336,000 J	407,000 J	226,000 J	60,200 J
Organochlorine Pesticides/PCBs																			
4,4'-DDD	0.28	µg/L	ND (0.02)	ND (0.02)	0.011 J	ND (0.02)	ND (0.02)	ND (0.02)	0.33 J	0.72	ND (0.02)	2 J	ND (0.02)	0.025	0.007 J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
4,4'-DDE	0.2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	0.098 J	0.028 J	ND (0.02)	0.33 J	ND (0.02)	ND (0.02)	0.022 J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
4,4'-DDT	0.2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Aldrin	0.004	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	0.13 J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
alpha-BHC	0.011	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
alpha-Chlordane	0.1	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Aroclor-1016	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1221	0.5	µg/L	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1232	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1242	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1248	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1254	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1260	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
beta-BHC	0.037	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
delta-BHC	0.011	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Dieldrin	0.0042	µg/L	ND (0.02)	ND (0.02)	0.003 J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	0.25	ND (0.02)	0.53 J	0.071 J	0.01 J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endosulfan I	220	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Endosulfan II	220	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endosulfan sulfate	220	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin	2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin aldehyde	11	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin ketone	11	µg/L	ND (0.02)	0.17 J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
gamma-BHC	0.052	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
gamma-Chlordane	0.1	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachlor	0.01	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachlor epoxide	0.01	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methoxychlor	30	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Toxaphene	3	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

TABLE E7
Analytical Results - Groundwater, Fourth Quarter 2005 (January 2006)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			1/12/2006	1/17/2006	1/10/2006	1/13/2006	1/13/2006	1/13/2006	1/23/2006	1/19/2006	1/19/2006	1/23/2006	1/23/2006	1/23/2006	1/20/2006	1/12/2006	1/17/2006	1/11/2006	1/11/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Dioxins/Furans (1)																			
1,2,3,4,6,7,8-HpCDD	45	pg/L	---	---	---	---	---	---	33.4	74.2	2.67	634	6.43	4.55	---	---	---	---	---
1,2,3,4,6,7,8-HpCDF	45	pg/L	---	---	---	---	---	---	ND (6.38)	ND (19.7)	ND (1.83)	147 J	ND (1.92)	ND (1.22)	---	---	---	---	---
1,2,3,4,7,8,9-HpCDF	45	pg/L	---	---	---	---	---	---	ND (1.67)	1.83	ND (1.87)	11.4	ND (2.81)	ND (1.79)	---	---	---	---	---
1,2,3,4,7,8-HxCDD	4.5	pg/L	---	---	---	---	---	---	ND (1.87)	ND (1.45)	ND (1.76)	2.77	ND (1.76)	ND (2.33)	---	---	---	---	---
1,2,3,4,7,8-HxCDF	4.5	pg/L	---	---	---	---	---	---	ND (0.839)	1.79	ND (1.07)	ND (13.4)	ND (0.897)	ND (1.51)	---	---	---	---	---
1,2,3,6,7,8-HxCDD	4.5	pg/L	---	---	---	---	---	---	ND (1.78)	2.44	ND (1.71)	16.5	ND (1.84)	ND (2.33)	---	---	---	---	---
1,2,3,6,7,8-HxCDF	4.5	pg/L	---	---	---	---	---	---	ND (0.886)	1.35	ND (1.12)	ND (3.86)	0.664	ND (1.5)	---	---	---	---	---
1,2,3,7,8,9-HxCDD	4.5	pg/L	---	---	---	---	---	---	ND (1.88)	ND (1.47)	ND (1.79)	4.89	ND (1.85)	ND (2.4)	---	---	---	---	---
1,2,3,7,8,9-HxCDF	4.5	pg/L	---	---	---	---	---	---	ND (1.18)	ND (1.59)	ND (1.27)	ND (2.26)	ND (1.37)	ND (2.24)	---	---	---	---	---
1,2,3,7,8-PeCDD	0.45	pg/L	---	---	---	---	---	---	ND (1.41)	ND (1.02)	1.14	ND (2.01)	ND (1.15)	ND (1.33)	---	---	---	---	---
1,2,3,7,8-PeCDF	9	pg/L	---	---	---	---	---	---	1.37	ND (1.56)	ND (1.6)	ND (1.97)	ND (0.815)	ND (0.904)	---	---	---	---	---
2,3,4,6,7,8-HxCDF	4.5	pg/L	---	---	---	---	---	---	ND (0.869)	ND (1.47)	ND (0.91)	ND (6.27)	ND (1)	ND (1.51)	---	---	---	---	---
2,3,4,7,8-PeCDF	0.9	pg/L	---	---	---	---	---	---	1.71	ND (1.96)	ND (1.89)	ND (9.72)	ND (0.803)	0.818	---	---	---	---	---
2,3,7,8-TCDD	0.45	pg/L	---	---	---	---	---	---	ND (1.34)	ND (1.37)	ND (1.36)	ND (1.72)	ND (1.58)	ND (1.76)	---	---	---	---	---
2,3,7,8-TCDF	4.5	pg/L	---	---	---	---	---	---	ND (3.23)	ND (2.96)	ND (2.7)	ND (2.33)	ND (1.82)	ND (2.11)	---	---	---	---	---
OCDD	4,500	pg/L	---	---	---	---	---	---	312 J	944 J	ND (28.3)	10,500 J	ND (59.1)	ND (48.6)	---	---	---	---	---
OCDF	4,500	pg/L	---	---	---	---	---	---	33.4	154	9.41	1,050	5.63	4.32	---	---	---	---	---
TEQ WHO-98	NA	pg/L	---	---	---	---	---	---	5.38	5.97	4.81	23	4.41	5.22	---	---	---	---	---
Total Dioxin Toxicity equivalent	0.45	pg/L	---	---	---	---	---	---	3.33 J	3.7 J	ND (3)	17.2 J	ND (2.27)	ND (2.84)	---	---	---	---	---
Anions																			
Chloride	NA	mg/L	1,200	230	1,400	1,300	23,000	8,600	260	38	140	690	460	80	400	250	160	33	19
Nitrate as Nitrogen	NA	mg/L	0.16	86	8	ND (0.1)	ND (0.2)	ND (0.1)	0.19	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	7.6	ND (0.1)	0.85	ND (0.1)	ND (0.1)	ND (0.1)
Nitrite as Nitrogen	NA	mg/L	ND (5)	ND (0.5)	ND (5)	ND (5)	ND (100)	ND (50)	ND (1)	ND (0.1)	ND (0.5)	ND (2)	ND (1)	ND (0.2)	ND (1)	ND (1)	ND (0.5)	ND (0.1)	ND (0.1)
Sulfate	NA	mg/L	160	3,500	140	1,500	4,500	720	ND (0.5)	2	28	ND (0.5)	2.4	270	34	180	630	76	38
Dissolved Gases																			
Ethane	NA	µg/L	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	0.9 J	690	2	25	170	370	ND (1.1)	ND (1.1)	ND (1.1)	7	ND (1.1)	ND (1.1)
Ethene	NA	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	4,900	2.3	200	900 J	8,300	ND (1)	ND (1)	ND (1)	1.6	ND (1)	ND (1)
Methane	NA	µg/L	1.7	91	ND (1.2)	56	350	4,500	23,000	2,200	1,900	22,000 J	26,000	ND (1.2)	8,400	1.3	7,900	8.1	8.7
Water Quality Indicators																			
Total Dissolved Solids	NA	mg/L	3,100	---	2,800	---	53,000	---	1,400	---	---	2,800	---	1,000	---	1,100	---	---	810

TABLE E7
Analytical Results - Groundwater, Fourth Quarter 2005 (January 2006)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-07-35	RMW-08-15	RMW-08-35	RMW-08-35 (FD)	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			1/11/2006	1/19/2006	1/19/2006	1/19/2006	1/18/2006	1/18/2006	1/17/2006	1/17/2006	1/18/2006	1/10/2006	1/20/2006	1/20/2006	1/20/2006	1/12/2006	1/13/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**														
Volatile Organic Compounds																	
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.61	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5	µg/L	0.47 J	0.51	0.56	0.53	1	65	1.1	1.1	72	ND (0.5)	88	0.11 J	ND (0.5)	ND (0.5)	0.53
1,1-Dichloroethene	6	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.46 J	ND (0.5)	0.77	0.82	0.84	1.8	ND (0.5)	16	ND (0.5)	0.28 J	ND (0.5)	0.71
1,2,3-Trichlorobenzene	7.2	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dibromoethane	0.05	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichlorobenzene	600	µg/L	ND (0.5)	110	89	99	ND (0.5)	77	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.1 J	0.21 J	0.2 J	ND (0.5)	ND (0.5)
1,2-Dichloroethane	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	1.2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.17 J
1,2-Dichloropropane	5	µg/L	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichlorobenzene	180	µg/L	ND (0.5)	0.18 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dichlorobenzene	5	µg/L	ND (0.5)	2.9	1.8	1.8	ND (0.5)	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Hexanone	2,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	5,500	µg/L	ND (5)	7.7 J	ND (5)	ND (5)	21	ND (5)	ND (10)	ND (10)	34	ND (5)	ND (400)	ND (5) J	ND (5)	ND (5)	ND (5)
Benzene	1	µg/L	ND (0.5)	1.4 J	1.4	1.7	0.37 J	1.1	0.41 J	0.44 J	5.4 J	ND (0.5)	75	ND (0.5)	ND (0.5)	ND (0.5)	0.16 J
Bromochloromethane	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	100	µg/L	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	8.7	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.9)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	70	µg/L	ND (0.5)	110	100	130	ND (0.5)	1.9	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	2.3	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane	4.6	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.33 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	71	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.42 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	160	µg/L	ND (0.76)	4 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.59)	0.55	0.47 J	ND (0.5)	ND (0.58)	ND (0.68)	ND (0.61)	ND (0.91)	ND (0.5)
cis-1,2-Dichloroethene	6	µg/L	20	7.1	43	55	0.86	88	350	360	210	ND (0.5)	560	0.69	0.87	ND (0.5)	6.7
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Cyclohexane	10,000	µg/L	ND (0.5) J	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	0.86	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethyl tert-butyl ether	11	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.2 J	ND (0.5)	16	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 11	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 12	390	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	3.8 J	0.11 J	ND (0.5)	ND (0.5)	ND (0.5)
Methyl acetate	6,100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J
Methyl ethyl ketone	7,000	µg/L	ND (5)	0.82 J	ND (5)	ND (5)	2.8 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	60	ND (5)	ND (5)	ND (5)	ND (5)
Methyl isobutyl ketone	2,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	43	ND (5)	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	13	µg/L	ND (0.5)	2.9 J	4.3	4.9 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylcyclohexane	5,200	µg/L	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	1.6	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5	µg/L	ND (1.6) J	16	ND (0.5) J	ND (1.2) J	ND (1.7) J	ND (1.6) J	ND (1.8) J	ND (6.1) J	ND (0.95) J	ND (2) J	ND (2.7) J	ND (1.5) J	ND (2) J	ND (1.3) J	ND (1.7) J
Styrene	100	µg/L	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.41 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
tert-Amyl methyl ether	11	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
tert-Butyl alcohol	1,800	µg/L	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	18 J	26 J	700	ND (50)	760	ND (50)	ND (50)	ND (50)	ND (50)
Tetrachloroethene	5	µg/L	8.2	ND (0.5) J	5.4 J	7.8	ND (0.5)	0.25 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.48 J	0.39 J	ND (0.5)	ND (0.5)
Toluene	150	µg/L	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.5 J	ND (0.5)	180	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	10	µg/L	10	2.3	10	14	0.16 J	10	8.1	7.4	2	ND (0.5)	15	ND (0.5)	ND (0.5)	ND (0.5)	0.24 J
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE E7
Analytical Results - Groundwater, Fourth Quarter 2005 (January 2006)
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Sample Location			RMW-07-35	RMW-08-15	RMW-08-35	RMW-08-35 (FD)	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			**1/11/2006**	**1/19/2006**	**1/19/2006**	**1/19/2006**	**1/18/2006**	**1/18/2006**	**1/17/2006**	**1/17/2006**	**1/18/2006**	**1/10/2006**	**1/20/2006**	**1/20/2006**	**1/20/2006**	**1/12/2006**	**1/13/2006**
Analyte	**Screening Level**	**Units**	**Analytical Results**														
Volatile Organic Compounds																	
Trichloroethene	5	µg/L	6.8 J	0.83 J	16 J	21	0.57	5	16	17	97	ND (0.5)	38 J	3.1	3.4	ND (0.5)	13
Vinyl chloride	0.5	µg/L	1.1	6.3	14	15	0.2 J	25	0.57	0.47 J	13	ND (0.5)	140	ND (0.5)	ND (0.5)	ND (0.5)	0.23 J
Xylenes, total	1,750	µg/L	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.3 J	ND (0.5)	45	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Semivolatile Organic Compounds																	
1,1'-Biphenyl	300	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)
1,2,4,5-Tetrachlorobenzene	11	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,4-Dioxane (p-dioxane)	6.1	µg/L	ND (2)	ND (2)	ND (2)	ND (2)	11	30	22	23 J	98 J	ND (2)	140 J	ND (2)	ND (2)	ND (2)	7.5
2,2'-Oxybis(1-Chloropropane)	0.01	µg/L	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	1.6 J	ND (5)	ND (5)	ND (5)	ND (5)
2,4,5-Trichlorophenol	3,600	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2,4,6-Trichlorophenol	0.96	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.09)	ND (0.14)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2,4-Dichlorophenol	110	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,4-Dimethylphenol	730	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,4-Dinitrophenol	73	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2,4-Dinitrotoluene	73	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,6-Dinitrotoluene	36	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Chloronaphthalene	490	µg/L	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Chlorophenol	30	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Methylnaphthalene	24	µg/L	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5) J	ND (5)	1.7 J	ND (5)	ND (5)	ND (5)	ND (5)
2-Methylphenol	1,800	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	1.2 J	ND (5)	ND (5)	ND (5)	ND (5)
2-Nitroaniline	110	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2-Nitrophenol	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
3,3'-Dichlorobenzidine	0.15	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.81)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
3-Nitroaniline	NDRI	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
4,6-Dinitro-2-methylphenol	NDRI	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
4-Bromophenylphenyl ether	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Chloro-3-methylphenol	1,800	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Chloroaniline	150	µg/L	ND (5) R	ND (5)	ND (5)	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5)	ND (5)
4-Chlorophenylphenyl ether	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methylphenol	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	1.5 J	ND (5)	ND (5)	ND (5)	ND (5)
4-Nitroaniline	NDRI	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
4-Nitrophenol	73	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
Acenaphthene	370	µg/L	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)
Acenaphthylene	180	µg/L	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetophenone	150,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (1.1)	ND (5)	ND (5)	ND (5)	ND (5)
Anthracene	1,800	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)
Atrazine	3	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.24)	ND (0.16)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzaldehyde	3,600	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzo(a)anthracene	0.092	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzo(a)pyrene	0.2	µg/L	0.1	0.14	ND (0.1)	ND (0.11)	ND (0.1)	ND (0.1)	ND (0.12)	ND (0.11)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzo(b)fluoranthene	0.092	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzo(g,h,i)perylene	180	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.01)	0.02 J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzo(k)fluoranthene	0.056	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.04)	ND (0.1)	ND (0.1)	ND (0.06)	ND (0.04)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzyl butyl phthalate	7,300	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	1.1 J	ND (5) J	ND (5) J	ND (5) J	ND (5)	ND (5)
bis(2-Chloroethoxy)methane	0.01	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
bis(2-Chloroethyl)ether	0.01	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
bis(2-Ethylhexyl)phthalate	4.8	µg/L	0.61 J	ND (0.1) J	ND (0.1) J	ND (0.1) J	ND (0.2) J	ND (0.13) J	ND (0.18) J	ND (0.17) J	0.73 J	ND (0.29) J	ND (0.17)	ND (0.62)	ND (0.55)	ND (0.26) J	ND (0.24) J
Caprolactam	18,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)
Carbazole	3.4	µg/L	0.1	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.04)	ND (0.07)	0.19	ND (0.12)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.12)	0.12
Chrysene	0.56	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)

TABLE E7
Analytical Results - Groundwater, Fourth Quarter 2005 (January 2006)
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AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-07-35	RMW-08-15	RMW-08-35	RMW-08-35 (FD)	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			1/11/2006	1/19/2006	1/19/2006	1/19/2006	1/18/2006	1/18/2006	1/17/2006	1/17/2006	1/18/2006	1/10/2006	1/20/2006	1/20/2006	1/20/2006	1/12/2006	1/13/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**														
Semivolatile Organic Compounds																	
Dibenz(a,h)anthracene	0.0092	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.71	ND (0.1)	ND (0.1)	ND (0.1)
Dibenzofuran	12	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Diethylphthalate	29,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)
Dimethylphthalate	360,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)
Di-n-butyl phthalate	3,600	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)
Di-n-octyl phthalate	1,500	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5) J	ND (5)	ND (5)
Fluoranthene	1,500	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Fluorene	240	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Hexachlorobenzene	1	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Hexachlorobutadiene	0.86	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Hexachlorocyclopentadiene	50	µg/L	ND (5) R	ND (5)	ND (5)	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5)	ND (5)
Hexachloroethane	4.8	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.18)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Indeno(1,2,3-c,d)pyrene	0.092	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Isophorone	71	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Naphthalene	0.093	µg/L	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5) J	ND (5)	1.4 J	ND (5)	ND (5)	ND (5)	ND (5)
Nitrobenzene	3.4	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.16)	ND (0.12)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
N-Nitrosodi-n-propylamine	0.0096	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (1.6)	ND (0.1)	ND (0.1)	ND (1.8)	ND (2.3)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
N-Nitrosodiphenylamine	14	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Pentachlorophenol	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.32 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Phenanthrene	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)
Phenol	11,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	3.4 J	ND (5)	ND (5)	ND (5)	ND (5)
Pyrene	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5) J	ND (5)	ND (5)
Metals																	
Aluminum	1,000	µg/L	478	605 J	1,090 J	292 J	612 J	5,260 J	328	400 J	3,340 J	1,450	7,190 J	436 J	396 J	1,330	1,470
Aluminum (Dissolved)	1,000	µg/L	228	135 J	159 J	134 J	213	ND (200) J	230	211	235	ND (200) J	6,090	136 J	132 J	ND (200) J	285
Antimony	6	µg/L	ND (4)	ND (2) J	ND (2)	ND (2)	ND (2) J	ND (2)	ND (4) J	2.5	ND (2) J	ND (4)	10.6	ND (2)	ND (2)	ND (4) J	ND (4)
Antimony (Dissolved)	6	µg/L	ND (4)	ND (2) J	ND (2)	ND (2)	ND (4) J	ND (4)	ND (4) J	ND (4) J	ND (4)	ND (4)	7.8	ND (2)	ND (2)	ND (4)	ND (4)
Arsenic	10	µg/L	4.6	406	4.6	4.1	491	6.7	558	583	744	6.9	19.4	2.8	2.7	15.4	64.3
Arsenic (Dissolved)	10	µg/L	4	224	4	3.7	458	11.3	537	508	637	6.6	17.4	2.4	2.2	15.9	64.3
Barium	1,000	µg/L	21.4	168	51.2	57.3	30.1	26.3	22	26.2	27.8 J	101	25.3	43.4	41.7	67.8	39
Barium (Dissolved)	1,000	µg/L	ND (20)	42.2 J	57.8 J	57.2 J	25.7	ND (20)	23.1	24.2	ND (20)	95.7	12.7 J	38 J	37.4 J	64.1	34.7
Beryllium	4	µg/L	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)
Beryllium (Dissolved)	4	µg/L	ND (2)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)
Cadmium	5	µg/L	ND (2)	ND (1)	0.15 J	ND (1)	1.5	ND (1)	2.6	4.4	3.8	ND (2)	0.48 J	ND (1)	ND (1)	ND (2)	ND (2)
Cadmium (Dissolved)	5	µg/L	ND (2)	ND (1)	ND (1)	ND (1)	1.3 J	ND (2)	3.4	3.8	2.4	ND (2)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)
Chromium	50	µg/L	ND (4) J	5	6.1	ND (2) J	3.8	20.5	5.8	6	18.7	9.6	37.9	2.4	ND (2) J	7.1	7.8
Chromium (Dissolved)	50	µg/L	0.24 J	2.9	1.4 J	1.4 J	1.5 J	0.58 J	3.3 J	2.3 J	4.2	1.3 J	6.2	0.36 J	0.34 J	2.9 J	3 J
Cobalt	730	µg/L	1.4 J	0.61 J	7.9	6.8	12.6	4	34.1 J	40.8	248	1.6 J	11.9	3.2	2.9	12.5 J	45.4 J
Cobalt (Dissolved)	730	µg/L	0.95 J	0.42 J	6.3	6.4	11.1	0.34 J	32.4	31.9	214	0.74 J	11	2.6	2.6	11.2	35.8
Copper	1,300	µg/L	8.9 J+	10.7	14 J	7 J	84.2	21.5	77 J+	98.8	200	16 J+	489	3.7	4	135 J+	84.2 J+
Copper (Dissolved)	1,300	µg/L	4.3	ND (2)	2.9	1.5 J	102	13.8	102	103	41.1	ND (4)	330	ND (2)	ND (2)	8	6.7
Lead	15	µg/L	2.9 J+	ND (1)	1.8	ND (1)	7.3	2.9	3.8 J+	4	21.3 J	3 J+	1,690	1.4	1.5	7.1 J+	3.7 J+
Lead (Dissolved)	15	µg/L	0.93 J	0.15 J	0.5 J	0.39 J	6.4 J	0.26 J	4.4 J	4.6 J	11.4 J	ND (2) J	1,230	0.13 J	0.44 J	2.1 J	ND (2) J
Manganese	880	µg/L	173 J	2,240	711	696	13,600	81.8	3,440 J	3,660	24,300	1,370 J	21.4	729	686	3,060 J	49,500 J
Manganese (Dissolved)	880	µg/L	121	2,020	691	689	12,000	145	3,290	3,070	19,900	1,390	1.6	663	654	3,250	53,200
Mercury	2	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Mercury (Dissolved)	2	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Nickel	100	µg/L	14.3	6.1	81.4	70.4	45.5	26.2	298	376	608	9	104	95.6	91	21.9	109
Nickel (Dissolved)	100	µg/L	12	4.9 J	67.2 J	67.5 J	43.1	6.7	291	287	516	3.9	84.5 J	88.2 J	87 J	16.6	82.5

TABLE E7
Analytical Results - Groundwater, Fourth Quarter 2005 (January 2006)
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AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-07-35	RMW-08-15	RMW-08-35	RMW-08-35 (FD)	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			1/11/2006	1/19/2006	1/19/2006	1/19/2006	1/18/2006	1/18/2006	1/17/2006	1/17/2006	1/18/2006	1/10/2006	1/20/2006	1/20/2006	1/20/2006	1/12/2006	1/13/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**														
Metals																	
Selenium	50	µg/L	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (5)	30.5 J+	ND (10)	ND (5)	ND (5)	ND (5)	ND (10)	4.4 J
Selenium (Dissolved)	50	µg/L	ND (10)	ND (5)	ND (5)	ND (5)	ND (10)	ND (10)	ND (10)	ND (10)	30.5 J+	ND (10)	2.1 J	ND (5)	ND (5)	ND (10)	3.9 J+
Silver	180	µg/L	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (2)	ND (1) J	ND (1) J	ND (2)	ND (1) J	ND (1)	ND (1)	ND (2) J	ND (2)
Silver (Dissolved)	180	µg/L	ND (2)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)
Thallium	2	µg/L	ND (2) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	0.05 J	0.37 J	ND (2) J	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)
Thallium (Dissolved)	2	µg/L	ND (2)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2) J	ND (2) J	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)
Vanadium	36	µg/L	4.3	4.4	2.9	1.2	2.7	21.6	3.3	1.9	8.3	4.1	65.1	6.1	5.8	4.7	3.2
Vanadium (Dissolved)	36	µg/L	3.4	2.2	1.1	0.92 J	2.2	11.2	2.2	ND (2) J	2.4	ND (2) J	64	5.1	5.3	ND (2)	ND (2) J
Zinc	11,000	µg/L	11.4	14.4 J	25.7 J	16.4 J	135 J	27.3 J	5,190	6,870 J	91.9 J	51.6	305 J	21.6 J+	15.1 J+	23.9	39.5
Zinc (Dissolved)	11,000	µg/L	8	10.6	16.8	15.4	170	20.7	5,350	5,590	70.6	13.3	162	5.8	5.9	13.6	11.7
Calcium	NA	µg/L	11,500	66,400	63,600	71,300	458,000	6,190	457,000	457,000	387,000	86,800	45,400	17,200	17,500	155,000	294,000
Calcium (Dissolved)	NA	µg/L	11,500	62,200	72,900	73,800	465,000	5,740	441,000	454,000	390,000	84,900	21,000	15,900	16,800	156,000	294,000
Iron	11,000	µg/L	348	20,200	2,340 J	992 J	707	7,670	228	386	8,360	3,220	1,780	695	594	5,890	13,700
Iron (Dissolved)	11,000	µg/L	ND (100) J	9,500	704	726	ND (100) J	ND (100)	151	188	3,600	1,770	ND (100) J	121	119	4,940	11,100
Magnesium	NA	µg/L	10,400	19,600	70,400	81,400	133,000	ND (5,000) J	108,000	107,000	754,000	96,300	ND (5,000) J	23,600	24,000	441,000	695,000
Magnesium (Dissolved)	NA	µg/L	10,600	18,900	83,100	83,900	133,000	ND (5,000)	104,000	107,000	754,000	95,100	ND (5,000) J	21,800	23,300	448,000	700,000
Potassium	NA	µg/L	ND (5,000)	43,100	ND (5,000) J	ND (5,000) J	10,400	ND (5,000) J	12,400	10,700	494,000	10,200	15,100	ND (5,000) J	ND (5,000) J	159,000	203,000
Potassium (Dissolved)	NA	µg/L	ND (5,000) J	41,600	ND (5,000)	ND (5,000)	10,400	ND (5,000) J	11,100	10,400	477,000	9,680	14,400	ND (5,000) J	ND (5,000)	159,000	205,000
Sodium	NA	µg/L	286,000	100,000	253,000	259,000	151,000	284,000	151,000	150,000	3,870,000	271,000	520,000	204,000	206,000	4,280,000	5,480,000
Sodium (Dissolved)	NA	µg/L	291,000 J	96,900 J	256,000 J	262,000 J	160,000 J	303,000 J	146,000 J	150,000 J	3,640,000 J	260,000 J	501,000 J	194,000 J	215,000 J	6,150,000 J	5,520,000 J
Organochlorine Pesticides/PCBs																	
4,4'-DDD	0.28	µg/L	ND (0.02)	0.016 J	0.16 J	0.13 J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	0.18	0.14 J	ND (0.02)	ND (0.02)
4,4'-DDE	0.2	µg/L	ND (0.02)	ND (0.02)	0.044 J	0.033 J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	0.01 J	0.004 J	ND (0.02)	ND (0.02)
4,4'-DDT	0.2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02) J
Aldrin	0.004	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01) J
alpha-BHC	0.011	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
alpha-Chlordane	0.1	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Aroclor-1016	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1221	0.5	µg/L	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1232	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1242	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1248	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1254	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Aroclor-1260	0.5	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
beta-BHC	0.037	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
delta-BHC	0.011	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Dieldrin	0.0042	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	0.066 J	0.059	ND (0.02)	ND (0.02) J
Endosulfan I	220	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Endosulfan II	220	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endosulfan sulfate	220	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin	2	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02) J	ND (0.02)	ND (0.02)	ND (0.02)
Endrin aldehyde	11	µg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin ketone	11	µg/L	ND (0.02)	0.022 J	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
gamma-BHC	0.052	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J
gamma-Chlordane	0.1	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachlor	0.01	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01) J	ND (0.01)	ND (0.01)	ND (0.01) J
Heptachlor epoxide	0.01	µg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Methoxychlor	30	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Toxaphene	3	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

TABLE E7
Analytical Results - Groundwater, Fourth Quarter 2005 (January 2006)
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AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-07-35	RMW-08-15	RMW-08-35	RMW-08-35 (FD)	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			1/11/2006	1/19/2006	1/19/2006	1/19/2006	1/18/2006	1/18/2006	1/17/2006	1/17/2006	1/18/2006	1/10/2006	1/20/2006	1/20/2006	1/20/2006	1/12/2006	1/13/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**														
Dioxins/Furans [1]																	
1,2,3,4,6,7,8-HpCDD	45	pg/L	---	ND (1.76)	ND (1.93)	---	---	---	---	---	---	---	8.62	3.97	3.18	---	---
1,2,3,4,6,7,8-HpCDF	45	pg/L	---	ND (0.835)	ND (1.13)	---	---	---	---	---	---	---	ND (15)	0.974	ND (1.37)	---	---
1,2,3,4,7,8,9-HpCDF	45	pg/L	---	ND (1.25)	ND (1.67)	---	---	---	---	---	---	---	4.67	ND (1.74)	ND (2.1)	---	---
1,2,3,4,7,8-HxCDD	4.5	pg/L	---	ND (1.48)	ND (2.05)	---	---	---	---	---	---	---	ND (1.56)	ND (2.01)	ND (2.17)	---	---
1,2,3,4,7,8-HxCDF	4.5	pg/L	---	ND (1.24)	ND (1.14)	---	---	---	---	---	---	---	ND (3.66)	ND (0.977)	ND (1.16)	---	---
1,2,3,6,7,8-HxCDD	4.5	pg/L	---	ND (1.45)	ND (2.07)	---	---	---	---	---	---	---	1.54	ND (1.88)	ND (2.1)	---	---
1,2,3,6,7,8-HxCDF	4.5	pg/L	---	ND (0.95)	ND (1.13)	---	---	---	---	---	---	---	ND (2.92)	ND (1.02)	0.913	---	---
1,2,3,7,8,9-HxCDD	4.5	pg/L	---	ND (1.51)	ND (2.12)	---	---	---	---	---	---	---	ND (1.59)	ND (2)	ND (2.2)	---	---
1,2,3,7,8,9-HxCDF	4.5	pg/L	---	ND (1.31)	ND (1.67)	---	---	---	---	---	---	---	ND (2.6)	ND (1.47)	ND (1.65)	---	---
1,2,3,7,8-PeCDD	0.45	pg/L	---	1.13	ND (1.2)	---	---	---	---	---	---	---	ND (1.58)	0.802	ND (1.56)	---	---
1,2,3,7,8-PeCDF	9	pg/L	---	ND (1.32)	ND (1.25)	---	---	---	---	---	---	---	ND (2.15)	ND (1.41)	ND (1.41)	---	---
2,3,4,6,7,8-HxCDF	4.5	pg/L	---	ND (1.11)	ND (1.14)	---	---	---	---	---	---	---	3.13	ND (1.03)	ND (1.17)	---	---
2,3,4,7,8-PeCDF	0.9	pg/L	---	ND (1.28)	ND (1.27)	---	---	---	---	---	---	---	ND (2.96)	ND (1.24)	ND (1.43)	---	---
2,3,7,8-TCDD	0.45	pg/L	---	ND (1.28)	ND (1.36)	---	---	---	---	---	---	---	ND (1.24)	ND (1.76)	ND (1.4)	---	---
2,3,7,8-TCDF	4.5	pg/L	---	ND (2.94)	ND (2.86)	---	---	---	---	---	---	---	ND (3.49)	ND (3.55)	ND (3.12)	---	---
OCDD	4,500	pg/L	---	ND (10.5)	ND (6.1)	---	---	---	---	---	---	---	ND (40)	ND (27.2)	ND (27.2)	---	---
OCDF	4,500	pg/L	---	ND (3.4)	ND (3.54)	---	---	---	---	---	---	---	43.6	ND (3.48)	ND (2.53)	---	---
TEQ WHO-98	NA	pg/L	---	4.35	4.72	---	---	---	---	---	---	---	6.75	4.6	5.19	---	---
Total Dioxin Toxicity equivalent	0.45	pg/L	---	ND (2.74)	ND (2.36)	---	---	---	---	---	---	---	3.68 J	ND (2.78)	ND (2.69)	---	---
Anions																	
Chloride	NA	mg/L	65	23	61	67	250	110	160	160	4,400	540	350	66	72	8,800	7,200
Nitrate as Nitrogen	NA	mg/L	5.5	ND (0.1)	0.34	0.44	15	9.7	69	69	ND (0.1)	0.77	23	5	4.7	ND (0.1)	0.08 J
Nitrite as Nitrogen	NA	mg/L	0.43	ND (0.1)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (20)	ND (2)	ND (1)	0.07 J	0.07 J	ND (20)	ND (20)
Sulfate	NA	mg/L	310	100	250	260	3,500	200	2,400	2,400	21,000	42	35	190	190	1,600	6,600
Dissolved Gases																	
Ethane	NA	µg/L	0.9 J	0.7 J	0.8 J	0.8 J	ND (1.1)	0.8 J	ND (1.1)	ND (1.1)	0.6 J	5	260 J	ND (1.1)	ND (1.1)	0.9 J	0.6 J
Ethene	NA	µg/L	0.7 J	0.6 J	1.2	1	ND (1)	0.7 J	ND (1)	ND (1)	2 J	2.2	1,800 J	ND (1)	ND (1)	0.5 J	0.7 J
Methane	NA	µg/L	3.4	420	440	380	34	150	360	360	390	150	4,200 J	13	12	88	120
Water Quality Indicators																	
Total Dissolved Solids	NA	mg/L	980	---	1,200	1,300	---	---	---	---	24,000	1,400	---	810	810	16,000	17,000

Notes:
Results greater than the screening level are bolded.
Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Groundwater Screening Level table for source of screening levels.
In cases where target analytes are reported from more than one method or from multiple dilutions, the most conservative result or reporting limit is presented; that is, the values presented represent either the maximum positive result or the minimum reporting limit selected from the available data.

NA not applicable
NDRI not detected in groundwater during the Remedial Investigation phase
--- not analyzed
FD field duplicate
µg/L micrograms per liter
mg/L milligrams per liter
pg/L picograms per liter
ND not detected above the laboratory's reporting limit shown in parentheses
J estimated value
J+ estimated value, possible high bias
R rejected for failure to meet quality control requirements

TABLE E8
Summary of Dioxins - Groundwater, Fourth Quarter 2005 (January 2006)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
MW-12	**1/23/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		33.4	0.01	0.33	pg/l
1,2,3,4,6,7,8-HpCDF		ND (6.38)	0.01	0.03	pg/l
1,2,3,4,7,8,9-HpCDF		ND (1.67)	0.01	0.01	pg/l
1,2,3,4,7,8-HxCDD		ND (1.87)	0.1	0.09	pg/l
1,2,3,4,7,8-HxCDF		ND (0.839)	0.1	0.04	pg/l
1,2,3,6,7,8-HxCDD		ND (1.78)	0.1	0.09	pg/l
1,2,3,6,7,8-HxCDF		ND (0.886)	0.1	0.04	pg/l
1,2,3,7,8,9-HxCDD		ND (1.88)	0.1	0.09	pg/l
1,2,3,7,8,9-HxCDF		ND (1.18)	0.1	0.06	pg/l
1,2,3,7,8-PeCDD		ND (1.41)	1	0.71	pg/l
1,2,3,7,8-PeCDF		1.37	0.05	0.07	pg/l
2,3,4,6,7,8-HxCDF		ND (0.869)	0.1	0.04	pg/l
2,3,4,7,8-PeCDF		1.71	0.5	0.86	pg/l
2,3,7,8-TCDD		ND (1.34)	1	0.67	pg/l
2,3,7,8-TCDF		ND (3.23)	0.1	0.16	pg/l
OCDD		312 J	0.0001	0.03	pg/l
OCDF		33.4	0.0001	0.00	pg/l
TEQ				**3.3**	**pg/l**
Screening Level [(1)]				**0.45**	**pg/l**

TABLE E8
Summary of Dioxins - Groundwater, Fourth Quarter 2005 (January 2006)
Remedial Investigation Report
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-01-17	**1/19/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		74.2	0.01	0.74	pg/l
1,2,3,4,6,7,8-HpCDF		ND (19.7)	0.01	0.10	pg/l
1,2,3,4,7,8,9-HpCDF		1.83	0.01	0.02	pg/l
1,2,3,4,7,8-HxCDD		ND (1.45)	0.1	0.07	pg/l
1,2,3,4,7,8-HxCDF		1.79	0.1	0.18	pg/l
1,2,3,6,7,8-HxCDD		2.44	0.1	0.24	pg/l
1,2,3,6,7,8-HxCDF		1.35	0.1	0.14	pg/l
1,2,3,7,8,9-HxCDD		ND (1.47)	0.1	0.07	pg/l
1,2,3,7,8,9-HxCDF		ND (1.59)	0.1	0.08	pg/l
1,2,3,7,8-PeCDD		ND (1.02)	1	0.51	pg/l
1,2,3,7,8-PeCDF		ND (1.56)	0.05	0.04	pg/l
2,3,4,6,7,8-HxCDF		ND (1.47)	0.1	0.07	pg/l
2,3,4,7,8-PeCDF		ND (1.96)	0.5	0.49	pg/l
2,3,7,8-TCDD		ND (1.37)	1	0.69	pg/l
2,3,7,8-TCDF		ND (2.96)	0.1	0.15	pg/l
OCDD		944 J	0.0001	0.09	pg/l
OCDF		154	0.0001	0.02	pg/l
TEQ				**3.7**	**pg/l**
Screening Level [(1)]				**0.45**	**pg/l**

TABLE E8
Summary of Dioxins - Groundwater, Fourth Quarter 2005 (January 2006)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-01-35	**1/19/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		2.67	0.01	0.03	pg/l
1,2,3,4,6,7,8-HpCDF		ND (1.83)	0.01	0.01	pg/l
1,2,3,4,7,8,9-HpCDF		ND (1.87)	0.01	0.01	pg/l
1,2,3,4,7,8-HxCDD		ND (1.76)	0.1	0.09	pg/l
1,2,3,4,7,8-HxCDF		ND (1.07)	0.1	0.05	pg/l
1,2,3,6,7,8-HxCDD		ND (1.71)	0.1	0.09	pg/l
1,2,3,6,7,8-HxCDF		ND (1.12)	0.1	0.06	pg/l
1,2,3,7,8,9-HxCDD		ND (1.79)	0.1	0.09	pg/l
1,2,3,7,8,9-HxCDF		ND (1.27)	0.1	0.06	pg/l
1,2,3,7,8-PeCDD		1.14	1	1.14	pg/l
1,2,3,7,8-PeCDF		ND (1.6)	0.05	0.04	pg/l
2,3,4,6,7,8-HxCDF		ND (0.91)	0.1	0.05	pg/l
2,3,4,7,8-PeCDF		ND (1.89)	0.5	0.47	pg/l
2,3,7,8-TCDD		ND (1.36)	1	0.68	pg/l
2,3,7,8-TCDF		ND (2.7)	0.1	0.14	pg/l
OCDD		ND (28.3)	0.0001	0.00	pg/l
OCDF		9.41	0.0001	0.00	pg/l
TEQ				**3.0**	**pg/l**
Screening Level [(1)]				**0.45**	**pg/l**

TABLE E8
Summary of Dioxins - Groundwater, Fourth Quarter 2005 (January 2006)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-02-13	**1/23/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		634	0.01	6.34	pg/l
1,2,3,4,6,7,8-HpCDF		147 J	0.01	1.47	pg/l
1,2,3,4,7,8,9-HpCDF		11.4	0.01	0.11	pg/l
1,2,3,4,7,8-HxCDD		2.77	0.1	0.28	pg/l
1,2,3,4,7,8-HxCDF		ND (13.4)	0.1	0.67	pg/l
1,2,3,6,7,8-HxCDD		16.5	0.1	1.65	pg/l
1,2,3,6,7,8-HxCDF		ND (3.86)	0.1	0.19	pg/l
1,2,3,7,8,9-HxCDD		4.89	0.1	0.49	pg/l
1,2,3,7,8,9-HxCDF		ND (2.26)	0.1	0.11	pg/l
1,2,3,7,8-PeCDD		ND (2.01)	1	1.00	pg/l
1,2,3,7,8-PeCDF		ND (1.97)	0.05	0.05	pg/l
2,3,4,6,7,8-HxCDF		ND (6.27)	0.1	0.31	pg/l
2,3,4,7,8-PeCDF		ND (9.72)	0.5	2.43	pg/l
2,3,7,8-TCDD		ND (1.72)	1	0.86	pg/l
2,3,7,8-TCDF		ND (2.33)	0.1	0.12	pg/l
OCDD		10500 J	0.0001	1.05	pg/l
OCDF		1050	0.0001	0.11	pg/l
TEQ				**17**	**pg/l**
Screening Level [(1)]				**0.45**	**pg/l**

TABLE E8
Summary of Dioxins - Groundwater, Fourth Quarter 2005 (January 2006)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-02-32	**1/23/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		6.43	0.01	0.06	pg/l
1,2,3,4,6,7,8-HpCDF		ND (1.92)	0.01	0.01	pg/l
1,2,3,4,7,8,9-HpCDF		ND (2.81)	0.01	0.01	pg/l
1,2,3,4,7,8-HxCDD		ND (1.76)	0.1	0.09	pg/l
1,2,3,4,7,8-HxCDF		ND (0.897)	0.1	0.04	pg/l
1,2,3,6,7,8-HxCDD		ND (1.84)	0.1	0.09	pg/l
1,2,3,6,7,8-HxCDF		0.664	0.1	0.07	pg/l
1,2,3,7,8,9-HxCDD		ND (1.85)	0.1	0.09	pg/l
1,2,3,7,8,9-HxCDF		ND (1.37)	0.1	0.07	pg/l
1,2,3,7,8-PeCDD		ND (1.15)	1	0.57	pg/l
1,2,3,7,8-PeCDF		ND (0.815)	0.05	0.02	pg/l
2,3,4,6,7,8-HxCDF		ND (1)	0.1	0.05	pg/l
2,3,4,7,8-PeCDF		ND (0.803)	0.5	0.20	pg/l
2,3,7,8-TCDD		ND (1.58)	1	0.79	pg/l
2,3,7,8-TCDF		ND (1.82)	0.1	0.09	pg/l
OCDD		ND (59.1)	0.0001	0.00	pg/l
OCDF		5.63	0.0001	0.00	pg/l
TEQ				**2.3**	**pg/l**
Screening Level [(1)]				**0.45**	**pg/l**

TABLE E8
Summary of Dioxins - Groundwater, Fourth Quarter 2005 (January 2006)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-02-50	**1/23/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		4.55	0.01	0.05	pg/l
1,2,3,4,6,7,8-HpCDF		ND (1.22)	0.01	0.01	pg/l
1,2,3,4,7,8,9-HpCDF		ND (1.79)	0.01	0.01	pg/l
1,2,3,4,7,8-HxCDD		ND (2.33)	0.1	0.12	pg/l
1,2,3,4,7,8-HxCDF		ND (1.51)	0.1	0.08	pg/l
1,2,3,6,7,8-HxCDD		ND (2.33)	0.1	0.12	pg/l
1,2,3,6,7,8-HxCDF		ND (1.5)	0.1	0.08	pg/l
1,2,3,7,8,9-HxCDD		ND (2.4)	0.1	0.12	pg/l
1,2,3,7,8,9-HxCDF		ND (2.24)	0.1	0.11	pg/l
1,2,3,7,8-PeCDD		ND (1.33)	1	0.67	pg/l
1,2,3,7,8-PeCDF		ND (0.904)	0.05	0.02	pg/l
2,3,4,6,7,8-HxCDF		ND (1.51)	0.1	0.08	pg/l
2,3,4,7,8-PeCDF		0.818	0.5	0.41	pg/l
2,3,7,8-TCDD		ND (1.76)	1	0.88	pg/l
2,3,7,8-TCDF		ND (2.11)	0.1	0.11	pg/l
OCDD		ND (48.6)	0.0001	0.00	pg/l
OCDF		4.32	0.0001	0.00	pg/l
TEQ				**2.8**	**pg/l**
Screening Level [(1)]				**0.45**	**pg/l**

TABLE E8
Summary of Dioxins - Groundwater, Fourth Quarter 2005 (January 2006)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-08-15	**1/19/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (1.76)	0.01	0.01	pg/l
1,2,3,4,6,7,8-HpCDF		ND (0.835)	0.01	0.00	pg/l
1,2,3,4,7,8,9-HpCDF		ND (1.25)	0.01	0.01	pg/l
1,2,3,4,7,8-HxCDD		ND (1.48)	0.1	0.07	pg/l
1,2,3,4,7,8-HxCDF		ND (1.24)	0.1	0.06	pg/l
1,2,3,6,7,8-HxCDD		ND (1.45)	0.1	0.07	pg/l
1,2,3,6,7,8-HxCDF		ND (0.95)	0.1	0.05	pg/l
1,2,3,7,8,9-HxCDD		ND (1.51)	0.1	0.08	pg/l
1,2,3,7,8,9-HxCDF		ND (1.31)	0.1	0.07	pg/l
1,2,3,7,8-PeCDD		1.13	1	1.13	pg/l
1,2,3,7,8-PeCDF		ND (1.32)	0.05	0.03	pg/l
2,3,4,6,7,8-HxCDF		ND (1.11)	0.1	0.06	pg/l
2,3,4,7,8-PeCDF		ND (1.28)	0.5	0.32	pg/l
2,3,7,8-TCDD		ND (1.28)	1	0.64	pg/l
2,3,7,8-TCDF		ND (2.94)	0.1	0.15	pg/l
OCDD		ND (10.5)	0.0001	0.00	pg/l
OCDF		ND (3.4)	0.0001	0.00	pg/l
TEQ				**2.7**	**pg/l**
Screening Level [(1)]				**0.45**	**pg/l**

TABLE E8
Summary of Dioxins - Groundwater, Fourth Quarter 2005 (January 2006)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-08-35	**1/19/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (1.93)	0.01	0.01	pg/l
1,2,3,4,6,7,8-HpCDF		ND (1.13)	0.01	0.01	pg/l
1,2,3,4,7,8,9-HpCDF		ND (1.67)	0.01	0.01	pg/l
1,2,3,4,7,8-HxCDD		ND (2.05)	0.1	0.10	pg/l
1,2,3,4,7,8-HxCDF		ND (1.14)	0.1	0.06	pg/l
1,2,3,6,7,8-HxCDD		ND (2.07)	0.1	0.10	pg/l
1,2,3,6,7,8-HxCDF		ND (1.13)	0.1	0.06	pg/l
1,2,3,7,8,9-HxCDD		ND (2.12)	0.1	0.11	pg/l
1,2,3,7,8,9-HxCDF		ND (1.67)	0.1	0.08	pg/l
1,2,3,7,8-PeCDD		ND (1.2)	1	0.60	pg/l
1,2,3,7,8-PeCDF		ND (1.25)	0.05	0.03	pg/l
2,3,4,6,7,8-HxCDF		ND (1.14)	0.1	0.06	pg/l
2,3,4,7,8-PeCDF		ND (1.27)	0.5	0.32	pg/l
2,3,7,8-TCDD		ND (1.36)	1	0.68	pg/l
2,3,7,8-TCDF		ND (2.86)	0.1	0.14	pg/l
OCDD		ND (6.1)	0.0001	0.00	pg/l
OCDF		ND (3.54)	0.0001	0.00	pg/l
TEQ				**ND (2.4)**	**pg/l**
Screening Level [(1)]				**0.45**	**pg/l**

TABLE E8
Summary of Dioxins - Groundwater, Fourth Quarter 2005 (January 2006)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-12-32	**1/20/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		8.62	0.01	0.09	pg/l
1,2,3,4,6,7,8-HpCDF		ND (15)	0.01	0.08	pg/l
1,2,3,4,7,8,9-HpCDF		4.67	0.01	0.05	pg/l
1,2,3,4,7,8-HxCDD		ND (1.56)	0.1	0.08	pg/l
1,2,3,4,7,8-HxCDF		ND (3.66)	0.1	0.18	pg/l
1,2,3,6,7,8-HxCDD		1.54	0.1	0.15	pg/l
1,2,3,6,7,8-HxCDF		ND (2.92)	0.1	0.15	pg/l
1,2,3,7,8,9-HxCDD		ND (1.59)	0.1	0.08	pg/l
1,2,3,7,8,9-HxCDF		ND (2.6)	0.1	0.13	pg/l
1,2,3,7,8-PeCDD		ND (1.58)	1	0.79	pg/l
1,2,3,7,8-PeCDF		ND (2.15)	0.05	0.05	pg/l
2,3,4,6,7,8-HxCDF		3.13	0.1	0.31	pg/l
2,3,4,7,8-PeCDF		ND (2.96)	0.5	0.74	pg/l
2,3,7,8-TCDD		ND (1.24)	1	0.62	pg/l
2,3,7,8-TCDF		ND (3.49)	0.1	0.17	pg/l
OCDD		ND (40)	0.0001	0.00	pg/l
OCDF		43.6	0.0001	0.00	pg/l
TEQ				**3.7**	**pg/l**
Screening Level [(1)]				**0.45**	**pg/l**
RMW-12-51	**1/20/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		3.97	0.01	0.04	pg/l
1,2,3,4,6,7,8-HpCDF		0.974	0.01	0.01	pg/l
1,2,3,4,7,8,9-HpCDF		ND (1.74)	0.01	0.01	pg/l
1,2,3,4,7,8-HxCDD		ND (2.01)	0.1	0.10	pg/l
1,2,3,4,7,8-HxCDF		ND (0.977)	0.1	0.05	pg/l
1,2,3,6,7,8-HxCDD		ND (1.88)	0.1	0.09	pg/l
1,2,3,7,8,9-HxCDD		ND (2)	0.1	0.10	pg/l
1,2,3,7,8,9-HxCDF		ND (1.47)	0.1	0.07	pg/l
1,2,3,7,8-PeCDD		0.802	1	0.80	pg/l
1,2,3,7,8-PeCDF		ND (1.41)	0.05	0.04	pg/l
2,3,4,6,7,8-HxCDF		ND (1.03)	0.1	0.05	pg/l
2,3,4,7,8-PeCDF		ND (1.24)	0.5	0.31	pg/l
OCDD		ND (27.2)	0.0001	0.00	pg/l
TEQ				**1.7**	**pg/l**
Screening Level [(1)]				**0.45**	**pg/l**

TABLE E8
Summary of Dioxins - Groundwater, Fourth Quarter 2005 (January 2006)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-12-51 (Field Duplicate)	**1/20/2006**				
Dioxins/Furans					
1,2,3,6,7,8-HxCDF		0.913	0.1	0.09	pg/l
2,3,7,8-TCDD		ND (1.4)	1	0.70	pg/l
2,3,7,8-TCDF		ND (3.12)	0.1	0.16	pg/l
OCDF		ND (2.53)	0.0001	0.00	pg/l
TEQ				**0.95**	**pg/l**
Screening Level (1)				**0.45**	**pg/l**

Notes:
(1) See Groundwater Screening Level table for source of screening level

TEF	Toxicity Equivalency Factor. (EPA, 2000, "Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and Related Compounds. Part II: Health Assessment for 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and Related Compounds," Draft Final, National Center for Environmental Assessment, May).
pg/L	picograms per liter
ND	not detected above the laboratory's reporting limit shown in parentheses
J	estimated value
TEQ	Toxicity Equivalent Concentration

TABLE E9
Analytical Results - Groundwater, First Quarter 2006 (March)
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Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-17 (FD)	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15
Sample Date			3/29/2006	4/4/2006	3/29/2006	3/30/2006	3/31/2006	3/31/2006	4/6/2006	4/5/2006	4/5/2006	4/5/2006	4/6/2006	4/6/2006	4/6/2006	3/30/2006	3/29/2006	3/30/2006	3/31/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	0.43	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	ND (1) J	ND (0.5)	---	ND (0.5)	ND (1) J	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	960 J	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (5)	ND (5)	ND (0.5)	18	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	14 J	ND (5) J	ND (5) J	ND (0.5)	ND (1) J	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5	µg/L	ND (0.5)	65	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	3,200 J	19	ND (5)	13	1,300 J	410 J	ND (0.5) R	0.35 J	ND (0.5)	0.53	ND (0.5)
1,1-Dichloroethene	6	µg/L	ND (0.5)	1.7	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	240 J	ND (5)	ND (5)	ND (0.5)	7.3 J	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloropropene	NDRI	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	ND (1)	ND (0.5)	---	ND (0.5)	ND (1)	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
1,2,3-Trichlorobenzene	7.2	µg/L	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (5)	ND (5)	ND (0.5)	4 J	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichloropropane	0.0056	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	ND (1)	ND (0.5)	---	ND (0.5)	ND (1)	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (5)	ND (5)	ND (0.5)	17 J	35 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trimethylbenzene	12	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	540	4.5	---	6.4	590	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (4)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.5)	ND (0.5) R	ND (0.05) R	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dibromoethane	0.05	µg/L	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (1) J	ND (0.25)	ND (0.25) J	ND (0.25)	ND (0.5)	ND (0.5) R	ND (0.05) R	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
1,2-Dichlorobenzene	600	µg/L	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	8.2	28	39	96	160 J	5,000 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	30	ND (5)	ND (5)	ND (0.5)	8 J	5.4 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	5.1	ND (5)	ND (5)	ND (0.5)	1.7	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3,5-Trimethylbenzene	12	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	180	0.2 J	---	2.1	160	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
1,3-Dichlorobenzene	180	µg/L	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (5)	ND (5)	5.5	3.7 J	19 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichloropropane	120	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	ND (1) J	ND (0.5)	---	ND (0.5)	ND (1) J	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
1,4-Dichlorobenzene	5	µg/L	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.6 J	5.7	7.6	42	16 J	740 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dioxane (p-dioxane)	6.1	µg/L	ND (2) R	200 J	ND (2) R	ND (2) R	ND (2) R	10 J	79 J	ND (10) R	ND (10) R	27 J	50 J	1,700 J	41 J	70 J	1.3 J	ND (2) R	ND (2) R
2,2-Dichloropropane	0.16	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	ND (1)	ND (0.5)	---	ND (0.5)	0.5 J	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
2-Chlorotoluene	120	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	ND (1)	ND (0.5)	---	ND (0.5)	ND (1)	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
2-Hexanone	2,000	µg/L	ND (5)	ND (5)	ND (4)	ND (5)	ND (5)	ND (5)	8.9 J	ND (50)	ND (50)	ND (5)	9.6 J	ND (50) R	ND (5) R	ND (4)	ND (4)	ND (5)	ND (4)
4-Chlorotoluene	NDRI	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	ND (1)	ND (0.5)	---	ND (0.5)	ND (1)	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
Acetone	5,500	µg/L	ND (5)	4.8 J	ND (5)	ND (5)	ND (5)	ND (5)	1,900 J	ND (50)	ND (50)	ND (5)	3,300 J	3,300 J	ND (5) R	11	ND (5)	ND (5)	ND (5)
Benzene	1	µg/L	ND (0.5)	1.4	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	300 J	ND (5)	ND (5)	4.7	630 J	97 J	ND (0.5) R	ND (0.5)	ND (0.5)	0.37 J	ND (0.5)
Bromobenzene	20	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	ND (1)	ND (0.5)	---	ND (0.5)	ND (1)	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
Bromochloromethane	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	100	µg/L	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1) J	ND (5)	ND (5)	ND (0.5)	ND (1) J	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	8.7	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.2)	3.1	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	70	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	19 J	728	736	64	32 J	76 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane	4.6	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	190 J	ND (5)	ND (5)	126	88 J	340 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	160	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	6	µg/L	ND (0.5)	56	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	90,000 J	530 J	ND (5) J	50	9,000 J	370 J	ND (0.5) R	ND (0.5)	ND (0.5)	3	1.2
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1) J	ND (5) J	ND (5) J	ND (0.5)	ND (1)	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)
Cyclohexane	10,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (50) R	ND (5)	ND (5)	0.96	15 J	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1) J	ND (5)	ND (5)	ND (0.5)	ND (1) J	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromomethane	61	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	ND (1)	ND (0.5)	---	ND (0.5)	ND (1)	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
Ethyl tert-butyl ether	11	µg/L	---	ND (4)	ND (4)	---	---	---	ND (8)	ND (2)	---	ND (4)	ND (8)	---	---	ND (4)	ND (4)	---	ND (4)
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	250 J	ND (5)	ND (5)	5.1	1,200 J	170 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 11	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 12	390	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Hexachlorobutadiene	0.86	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	ND (1)	ND (0.5)	---	ND (0.5)	ND (1)	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
Isopropyl ether	11	µg/L	---	---	---	---	---	---	---	---	---	---	430	---	---	---	---	---	---

TABLE E9
Analytical Results - Groundwater, First Quarter 2006 (March)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-17 (FD)	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15
Sample Date			3/29/2006	4/4/2006	3/29/2006	3/30/2006	3/31/2006	3/31/2006	4/6/2006	4/5/2006	4/5/2006	4/5/2006	4/6/2006	4/6/2006	4/6/2006	3/30/2006	3/29/2006	3/30/2006	3/31/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	31 J	8.7	8.9	2.7	43 J	150 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methyl acetate	6,100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (50) R	ND (5)	ND (5)	ND (0.5)	ND (0.5) R	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methyl ethyl ketone	7,000	µg/L	ND (5)	ND (5)	ND (4)	ND (5)	ND (5)	ND (5)	1,200 J	ND (50)	ND (50)	ND (5)	3,800 J	840 J	ND (5) R	ND (4)	ND (4)	ND (5)	ND (4)
Methyl isobutyl ketone	2,000	µg/L	ND (5)	ND (5)	ND (4)	ND (5)	ND (5)	ND (5)	5,300 J	ND (50)	ND (50)	ND (5)	4,800 J	10,000 J	ND (5) R	ND (4)	ND (4)	ND (5)	ND (4)
Methyl tert-butyl ether	13	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (4)	ND (5)	ND (5)	6.3	83 J	ND (5) R	ND (0.5) R	1.9	ND (0.5)	ND (0.5)	ND (0.5)
Methylcyclohexane	5,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (50) R	ND (5)	ND (5)	ND (0.5)	36 J	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5	µg/L	ND (0.5)	0.5	ND (0.5)	ND (0.5)	ND (0.66) J	ND (0.6)	4.4	ND (5)	ND (5)	2	4.9	30 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.58)
Naphthalene	0.093	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	140	8.9	---	0.2 J	670	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
n-Butylbenzene	240	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	ND (1)	7	---	ND (0.5)	22	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
n-Propylbenzene	240	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	71	19 J	---	2.4	64	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
p-Cymene (p-isopropyltoluene)	660	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	140	8 J	---	6.7	74	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
sec-Butylbenzene	240	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	7.5	13 J	---	0.3 J	12	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
Styrene	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1) J	ND (5)	ND (5)	ND (0.5)	23 J	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
tert-Amyl methyl ether	11	µg/L	---	ND (4)	ND (4)	---	---	---	ND (8)	ND (4)	---	ND (4)	ND (8)	---	---	ND (4)	ND (4)	---	ND (4)
tert-Butyl alcohol	1,800	µg/L	---	25	ND (20)	---	---	---	48	ND (20)	---	ND (20)	46	---	---	ND (20)	ND (20)	---	ND (10)
tert-Butylbenzene	240	µg/L	---	ND (0.5)	ND (0.5)	---	---	---	0.7 J	1.8	---	ND (0.5)	2.1	---	---	ND (0.5)	ND (0.5)	---	ND (0.5)
Tetrachloroethene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	4.6 J	ND (5)	ND (5)	0.63	0.61 J	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Toluene	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	28,000 J	110 J	ND (5) J	24	19,000 J	3,500 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	10	µg/L	ND (0.5)	1.2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	810 J	ND (5)	ND (5)	3.4	84 J	33 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1) J	ND (5) J	ND (5) J	ND (0.5)	ND (1) J	ND (5) R	ND (0.5) R	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)
Trichloroethene	5	µg/L	ND (0.5)	2.6	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	31	ND (5)	ND (5)	2.5	3.6 J	5 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	0.5	µg/L	ND (0.5)	10 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	6,500 J	33 J	32.8 J	2.1 J	4,100 J	3,500 J	ND (0.5) R	ND (0.5)	ND (0.5)	2.7 J	0.4 J
Xylenes, total	1,750	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1,920 J	ND (5)	ND (5)	17.8 J	5,600 J	650 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Organochlorine Pesticides/PCBs																			
4,4'-DDD	0.28	µg/L	---	---	---	---	---	---	0.89	1.1	1.4	---	15	---	---	---	---	---	---
4,4'-DDE	0.2	µg/L	---	---	---	---	---	---	0.07 J	0.036 J	0.044 J	---	1.5	---	---	---	---	---	---
4,4'-DDT	0.2	µg/L	---	---	---	---	---	---	ND (0.02) R	ND (0.02)	ND (0.02)	---	ND (0.19)	---	---	---	---	---	---
Aldrin	0.004	µg/L	---	---	---	---	---	---	0.23 J	ND (0.01) J	0.014 J	---	0.65	---	---	---	---	---	---
alpha-BHC	0.011	µg/L	---	---	---	---	---	---	0.3 J	ND (0.01)	ND (0.01)	---	ND (0.093)	---	---	---	---	---	---
alpha-Chlordane	0.1	µg/L	---	---	---	---	---	---	ND (0.01) R	ND (0.01)	0.0054 J	---	ND (0.093)	---	---	---	---	---	---
Aroclor-1016	0.5	µg/L	---	---	---	---	---	---	ND (0.2) R	ND (0.2)	ND (0.2)	---	ND (1.9)	---	---	---	---	---	---
Aroclor-1221	0.5	µg/L	---	---	---	---	---	---	ND (0.4) R	ND (0.4)	ND (0.4)	---	ND (3.7)	---	---	---	---	---	---
Aroclor-1232	0.5	µg/L	---	---	---	---	---	---	ND (0.2) R	ND (0.2)	ND (0.2)	---	ND (1.9)	---	---	---	---	---	---
Aroclor-1242	0.5	µg/L	---	---	---	---	---	---	ND (0.2) R	ND (0.2)	ND (0.2)	---	ND (1.9)	---	---	---	---	---	---
Aroclor-1248	0.5	µg/L	---	---	---	---	---	---	ND (0.2) R	ND (0.2)	ND (0.2)	---	ND (1.9)	---	---	---	---	---	---
Aroclor-1254	0.5	µg/L	---	---	---	---	---	---	ND (0.2) R	ND (0.2)	ND (0.2)	---	ND (1.9)	---	---	---	---	---	---
Aroclor-1260	0.5	µg/L	---	---	---	---	---	---	ND (0.2) R	ND (0.2)	ND (0.2)	---	6.3	---	---	---	---	---	---
beta-BHC	0.037	µg/L	---	---	---	---	---	---	1.1 J	0.072 J	0.05 J	---	ND (0.093)	---	---	---	---	---	---
delta-BHC	0.011	µg/L	---	---	---	---	---	---	ND (0.01) R	ND (0.01)	ND (0.01)	---	ND (0.093)	---	---	---	---	---	---
Dieldrin	0.0042	µg/L	---	---	---	---	---	---	ND (0.02) R	0.18 J	0.2	---	2.2	---	---	---	---	---	---
Endosulfan I	220	µg/L	---	---	---	---	---	---	ND (0.01) R	ND (0.01)	ND (0.01)	---	ND (0.093)	---	---	---	---	---	---
Endosulfan II	220	µg/L	---	---	---	---	---	---	ND (0.02) R	ND (0.02)	ND (0.02)	---	ND (0.19)	---	---	---	---	---	---
Endosulfan sulfate	220	µg/L	---	---	---	---	---	---	0.033 J	ND (0.02)	ND (0.02)	---	ND (0.19)	---	---	---	---	---	---
Endrin	2	µg/L	---	---	---	---	---	---	0.7 J	ND (0.02)	ND (0.02)	---	ND (0.19)	---	---	---	---	---	---
Endrin aldehyde	11	µg/L	---	---	---	---	---	---	ND (0.02) R	ND (0.02)	ND (0.02)	---	ND (0.19)	---	---	---	---	---	---
Endrin ketone	11	µg/L	---	---	---	---	---	---	ND (0.02) R	ND (0.02)	ND (0.02)	---	ND (0.19)	---	---	---	---	---	---
gamma-BHC	0.052	µg/L	---	---	---	---	---	---	0.36 J	0.017 J	ND (0.01)	---	ND (0.093)	---	---	---	---	---	---
gamma-Chlordane	0.1	µg/L	---	---	---	---	---	---	0.12 J	ND (0.01)	0.0054 J	---	0.086 J	---	---	---	---	---	---
Heptachlor	0.01	µg/L	---	---	---	---	---	---	ND (0.01) R	ND (0.01)	ND (0.01)	---	ND (0.093)	---	---	---	---	---	---

TABLE E9
Analytical Results - Groundwater, First Quarter 2006 (March)
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Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-17 (FD)	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15
Sample Date			**3/29/2006**	**4/4/2006**	**3/29/2006**	**3/30/2006**	**3/31/2006**	**3/31/2006**	**4/6/2006**	**4/5/2006**	**4/5/2006**	**4/5/2006**	**4/6/2006**	**4/6/2006**	**4/6/2006**	**3/30/2006**	**3/29/2006**	**3/30/2006**	**3/31/2006**
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Organochlorine Pesticides/PCBs																			
Heptachlor epoxide	0.01	µg/L	---	---	---	---	---	---	0.01 J	ND (0.01)	ND (0.01)	---	ND (0.093)	---	---	---	---	---	---
Methoxychlor	30	µg/L	---	---	---	---	---	---	0.12 J	ND (0.1)	ND (0.1)	---	ND (0.93)	---	---	---	---	---	---
Toxaphene	3	µg/L	---	---	---	---	---	---	ND (1) R	ND (1)	ND (1)	---	ND (9.3)	---	---	---	---	---	---
Anions																			
Chloride	NA	mg/L	730	310	1,200	1,000	20,000	9,100	250	37	36	79	490	430	92	460	300	140	30
Nitrate as Nitrogen	NA	mg/L	0.2	160	9	ND (0.1)	ND (0.5)	ND (1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	8.4	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Nitrite as Nitrogen	NA	mg/L	ND (2)	ND (1)	ND (5)	ND (5)	ND (50)	ND (50)	ND (1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (2)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (2)	ND (2)
Sulfate	NA	mg/L	110	4,800	130	1,700	4,100	640	ND (0.5)	1.3	0.78	32	ND (0.5)	4.7	310	4	200	750	56
Dissolved Gases																			
Ethane	NA	µg/L	ND (1.1)	ND (1.1)	ND (0.6)	ND (1.1)	ND (0.6)	1.1 J	970	1.6	1.4	110	110	1,000	ND (1.1)	ND (1.1)	ND (1.1)	4.2	ND (1.1)
Ethene	NA	µg/L	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	3,800	1.5	1.3	75	900	5,100	ND (1)	ND (1)	ND (1)	1.2	ND (1)
Methane	NA	µg/L	1.7	88	1.2 J	110	370 J	3,700 J	21,000	1,900	960	3,400	20,000	25,000	ND (1.2)	8,600	29	6,400	120

TABLE E9
Analytical Results - Groundwater, First Quarter 2006 (March)
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Sample Location			RMW-07-15	RMW-07-35	RMW-07-35 (FD)	RMW-08-15	RMW-08-15 (FD)	RMW-08-35	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			**4/3/2006**	**4/3/2006**	**4/3/2006**	**4/4/2006**	**4/4/2006**	**4/4/2006**	**4/3/2006**	**4/3/2006**	**4/4/2006**	**4/4/2006**	**3/29/2006**	**4/5/2006**	**4/5/2006**	**4/5/2006**	**3/30/2006**	**3/30/2006**
Analyte	**Screening Level**	**Units**	**Analytical Results**															
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	0.43	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	ND (0.5)	ND (0.5)	---	---	---
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5) J	ND (2.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	0.61 J	0.58	61	1.2	63 J	ND (0.5)	96	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	2.5	0.78	2.1	ND (0.5)	16	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
1,1-Dichloropropene	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	ND (0.5)	ND (0.5)	---	---	---
1,2,3-Trichlorobenzene	7.2	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
1,2,3-Trichloropropane	0.0056	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	ND (0.5)	ND (0.5)	---	---	---
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
1,2,4-Trimethylbenzene	12	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	46	ND (0.5)	---	---	---
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.25)	ND (2)	ND (0.05) R	ND (0.05)	ND (0.05)
1,2-Dibromoethane	0.05	µg/L	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.25)	ND (0.05)	ND (0.05)	ND (0.05) J	ND (0.05) J	ND (0.05)	ND (0.25) J	ND (0.5)	ND (0.05) R	ND (0.05)	ND (0.05)
1,2-Dichlorobenzene	600	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	146	192 J	118 J	ND (0.5)	80	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
1,2-Dichloroethane	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	1.2	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
1,2-Dichloropropane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
1,3,5-Trimethylbenzene	12	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	0.2 J	---	22	ND (0.5)	---	---	---
1,3-Dichlorobenzene	180	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	0.4 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
1,3-Dichloropropane	120	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	ND (0.5)	ND (0.5)	---	---	---
1,4-Dichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	5.5	3.45	2.4 J	ND (0.5)	5.9	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
1,4-Dioxane (p-dioxane)	6.1	µg/L	ND (2) R	ND (2) R	ND (2) R	ND (10) R	ND (2) R	ND (10) R	ND (2) R	53 J	27 J	370 J	ND (2) R	1,400 J	ND (2) R	ND (2) R	ND (2) R	ND (2) R
2,2-Dichloropropane	0.16	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	ND (0.5)	ND (0.5)	---	---	---
2-Chlorotoluene	120	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	ND (0.5)	ND (0.5)	---	---	---
2-Hexanone	2,000	µg/L	ND (4)	ND (4)	ND (5) J	ND (25) J	ND (25) J	ND (5)	ND (4)	ND (4)	ND (5)	ND (5)	ND (5)	ND (50)	ND (4)	ND (5) R	ND (5)	ND (5)
4-Chlorotoluene	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	ND (0.5)	ND (0.5)	---	---	---
Acetone	5,500	µg/L	ND (5)	ND (5) J	ND (5)	ND (25)	ND (25)	ND (5)	19	ND (2)	11 J	29	ND (5)	77	ND (2)	ND (5) R	ND (5)	ND (5)
Benzene	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	1.8 J	1.25 J	2 J	ND (0.5)	2.9	0.58	1.4 J	ND (0.5)	100	ND (0.5)	---	ND (0.5)	ND (0.5)
Bromobenzene	20	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	ND (0.5)	ND (0.5)	---	---	---
Bromochloromethane	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Bromodichloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Bromoform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Bromomethane	8.7	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.2)	ND (0.5) R	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Chlorobenzene	70	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	122	152 J	112 J	ND (0.5)	3.6	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	---	ND (0.5)	ND (0.5)
Chloroethane	4.6	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	0.7	ND (0.5)	ND (0.5)	ND (0.5)	100	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Chloroform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Chloromethane	160	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	6	µg/L	ND (0.5)	18	17	13.5	9.5	34	ND (0.5)	98	370 J	320	ND (0.5)	680	0.2 J	---	ND (0.5)	3.3
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5) J	ND (2.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Cyclohexane	10,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5)
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Dibromomethane	61	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	ND (0.5)	ND (0.5)	---	---	---
Ethyl tert-butyl ether	11	µg/L	ND (2)	ND (2)	ND (4)	ND (4)	---	ND (4)	ND (2)	ND (2)	---	ND (2)	---	ND (2)	ND (2)	---	---	---
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.6 J	ND (0.5)	12	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Freon 11	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Freon 12	390	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Hexachlorobutadiene	0.86	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	ND (0.5)	ND (0.5)	---	---	---
Isopropyl ether	11	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE E9
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AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-07-15	RMW-07-35	RMW-07-35 (FD)	RMW-08-15	RMW-08-15 (FD)	RMW-08-35	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			**4/3/2006**	**4/3/2006**	**4/3/2006**	**4/4/2006**	**4/4/2006**	**4/4/2006**	**4/3/2006**	**4/3/2006**	**4/4/2006**	**4/4/2006**	**3/29/2006**	**4/5/2006**	**4/5/2006**	**4/5/2006**	**3/30/2006**	**3/30/2006**
Analyte	**Screening Level**	**Units**	**Analytical Results**															
Volatile Organic Compounds																		
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Methyl acetate	6,100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5)
Methyl ethyl ketone	7,000	µg/L	ND (4)	ND (5) J	ND (4)	ND (25)	ND (25)	ND (5)	ND (4)	ND (4)	ND (5) J	ND (5)	ND (5)	ND (50)	ND (4)	ND (5) R	ND (5)	ND (5)
Methyl isobutyl ketone	2,000	µg/L	ND (4)	ND (4)	ND (5) J	ND (25) J	ND (25) J	ND (5)	ND (4)	ND (4)	ND (5)	ND (5)	ND (5)	ND (50)	ND (4)	ND (5) R	ND (5)	ND (5)
Methyl tert-butyl ether	13	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	1.75 J	1.45 J	10	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (2)	ND (0.5) R	ND (0.5)	ND (0.5)
Methylcyclohexane	5,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5)
Methylene chloride	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.2)	ND (0.5) R	ND (0.52)	ND (0.5)
Naphthalene	0.093	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.2)	---	12	ND (0.2)	---	---	---
n-Butylbenzene	240	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	ND (0.5)	ND (0.5)	---	---	---
n-Propylbenzene	240	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	5.3	ND (0.5)	---	---	---
p-Cymene (p-isopropyltoluene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	0.3 J	---	20	ND (0.5)	---	---	---
sec-Butylbenzene	240	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	2.2	ND (0.5)	---	---	---
Styrene	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5) J	ND (2.5) J	ND (10) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
tert-Amyl methyl ether	11	µg/L	ND (4)	ND (4)	ND (4)	ND (4)	---	ND (4)	ND (4)	ND (4)	---	ND (4)	---	ND (4)	ND (4)	---	---	---
tert-Butyl alcohol	1,800	µg/L	ND (10)	ND (10)	ND (20)	ND (20)	---	ND (20)	ND (10)	ND (10)	---	480	---	570	ND (20)	---	---	---
tert-Butylbenzene	240	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	ND (0.5)	ND (0.5)	---	ND (0.5)	---	0.3 J	ND (0.5)	---	---	---
Tetrachloroethene	5	µg/L	ND (0.5)	4.8	5	ND (2.5)	ND (2.5)	4 J	ND (0.5)	0.55	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	0.2 J	---	ND (0.5)	ND (0.5)
Toluene	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	0.45 J	ND (0.5)	ND (0.5)	ND (0.5)	1.1 J	ND (0.5)	200	ND (0.5)	---	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	10	µg/L	ND (0.5)	7.9	7.9	3.75	2.4 J	11	ND (0.5)	19	9.6	2.6	ND (0.5)	27	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5) J	ND (2.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)
Trichloroethene	5	µg/L	ND (0.5)	6.1	6	ND (2.5)	ND (2.5)	11	ND (0.5)	8.9	24 J	126	ND (0.5)	47	1.6 J	1.6 J	ND (0.5)	9.2
Vinyl chloride	0.5	µg/L	ND (0.5)	0.63 J	0.62 J	12 J	9 J	19 J	ND (0.5)	68 J	ND (0.5)	10 J	ND (0.5)	190 J	ND (0.5)	---	ND (0.5)	0.38 J
Xylenes, total	1,750	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (2.5) J	ND (2.5) J	ND (10) J	ND (0.5)	ND (0.5)	ND (0.5)	1.42 J	ND (0.5)	66 J	ND (1)	ND (0.5) R	ND (0.5)	ND (0.5)
Organochlorine Pesticides/PCBs																		
4,4'-DDD	0.28	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4,4'-DDE	0.2	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4,4'-DDT	0.2	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Aldrin	0.004	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
alpha-BHC	0.011	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
alpha-Chlordane	0.1	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Aroclor-1016	0.5	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Aroclor-1221	0.5	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Aroclor-1232	0.5	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Aroclor-1242	0.5	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Aroclor-1248	0.5	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Aroclor-1254	0.5	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Aroclor-1260	0.5	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
beta-BHC	0.037	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
delta-BHC	0.011	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dieldrin	0.0042	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Endosulfan I	220	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Endosulfan II	220	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Endosulfan sulfate	220	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Endrin	2	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	11	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Endrin ketone	11	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
gamma-BHC	0.052	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	0.1	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Heptachlor	0.01	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE E9
Analytical Results - Groundwater, First Quarter 2006 (March)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-07-15	RMW-07-35	RMW-07-35 (FD)	RMW-08-15	RMW-08-15 (FD)	RMW-08-35	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			**4/3/2006**	**4/3/2006**	**4/3/2006**	**4/4/2006**	**4/4/2006**	**4/4/2006**	**4/3/2006**	**4/3/2006**	**4/4/2006**	**4/4/2006**	**3/29/2006**	**4/5/2006**	**4/5/2006**	**4/5/2006**	**3/30/2006**	**3/30/2006**
Analyte	**Screening Level**	**Units**	**Analytical Results**															
Organochlorine Pesticides/PCBs																		
Heptachlor epoxide	0.01	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methoxychlor	30	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toxaphene	3	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anions																		
Chloride	NA	mg/L	18	56	53	21	21	46	140	99	180	4,000	590	320	57	57	11,000	7,600
Nitrate as Nitrogen	NA	mg/L	ND (0.1)	9	9.3	ND (0.1)	ND (0.1)	0.16	20	10	76	ND (0.1)	0.92	ND (0.1)	4.7	4.7	0.05 J	0.25
Nitrite as Nitrogen	NA	mg/L	ND (0.1)	0.44	0.44	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (2)	2.6	0.07 J	0.08 J	ND (25)	ND (20)
Sulfate	NA	mg/L	32	260	250	110	110	200	1,900	190	2,100	21,000	58	45	210	210	1,700	7,300
Dissolved Gases																		
Ethane	NA	µg/L	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	0.7 J	1.1	ND (1.1)	1.1	ND (1.1)	ND (2.2)	3.8	340	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
Ethene	NA	µg/L	ND (1)	ND (1)	ND (1)	0.5 J	0.6 J	0.9 J	ND (1)	0.6 J	ND (1)	1.9 J	0.7 J	1,600	ND (1)	0.5 J	ND (1)	ND (1)
Methane	NA	µg/L	39	4.4	8.7	390	390	640	12	120	370	370	160	4,700	11	16	180	170

Notes:
Results greater than the screening level are bolded.
Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Groundwater Screening Level table for source of screening levels.
In cases where target analytes are reported from more than one method or from multiple dilutions, the most conservative result or reporting limit is presented; that is, the values presented represent either the maximum positive result or the minimum reporting limit selected from the available data.

NA not applicable
NDRI not detected in groundwater during the Remedial Investigation phase
--- not analyzed
FD field duplicate
µg/L micrograms per liter
mg/L milligrams per liter
ND not detected above the laboratory's reporting limit shown in parentheses
J estimated value
R rejected for failure to meet quality control requirements

TABLE E10
Analytical Results - Groundwater, Second Quarter 2006 (June)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			6/20/2006	6/22/2006	6/19/2006	6/26/2006	6/26/2006	6/21/2006	6/29/2006	6/27/2006	6/27/2006	6/29/2006	6/28/2006	6/28/2006	6/20/2006	6/20/2006	6/22/2006	6/21/2006	6/21/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	0.43	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	950	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	3.1 J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5	µg/L	ND (0.5)	43	ND (0.5)	ND (0.5)	ND (1)	ND (1)	2,000	1.1 J	51	960	820	ND (0.5)	0.3 J	0.6	0.9	0.3 J	ND (0.5)
1,1-Dichloroethene	6	µg/L	ND (0.5)	2	ND (0.5)	ND (0.5)	ND (1)	ND (1)	250	ND (0.5)	0.4	8.4 J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloropropene	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichlorobenzene	7.2	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	9.2 J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichloropropane	0.0056	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	0.3 J	0.9	25 J	42	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trimethylbenzene	12	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	600	0.6 J	26	380	1,700	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (4)	ND (4)	ND (100)	ND (2)	ND (2)	ND (20) J	ND (20)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,2-Dibromoethane	0.05	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichlorobenzene	600	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	13	36	200	96 J	6,600	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	27	ND (0.5)	2	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3,5-Trimethylbenzene	12	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	190	ND (0.5)	9.3	140 J	690	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichlorobenzene	180	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (1)	ND (1)	ND (25)	9.1 J	15	2.7 J	22	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichloropropane	120	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (1)	ND (1)	ND (25)	9.6 J	130	13 J	1,100	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2,2-Dichloropropane	0.16	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Chlorotoluene	120	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Hexanone	2,000	µg/L	ND (4)	ND (4)	ND (4)	ND (4)	ND (8)	ND (8)	ND (200)	ND (4)	ND (4)	ND (40) J	ND (40)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)
4-Chlorotoluene	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Acetone	5,500	µg/L	ND (4)	ND (4)	ND (4)	ND (4)	ND (8)	ND (8)	640 J	ND (4)	ND (4)	1,600 J	4,700	ND (4)	ND (11)	ND (4)	ND (4)	ND (4)	ND (4)
Benzene	1	µg/L	ND (0.5)	0.9	ND (0.5)	ND (0.5)	ND (1)	ND (1)	220	1.4 J	13	360	110	ND (0.5)	ND (0.5)	ND (0.5)	0.9	ND (0.5)	ND (0.5)
Bromobenzene	20	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromochloromethane	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	12	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	8.7	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1.5)	ND (25)	0.2 J	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	70	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (1)	ND (1)	22	870	270	23 J	79	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane	4.6	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	230	ND (0.5)	300	37 J	180	ND (0.5)	0.2 J	ND (0.5)	0.2 J	ND (0.5)	ND (0.5)
Chloroform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	160	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	6	µg/L	ND (0.5)	59	ND (0.5)	0.3	ND (1)	0.5 J	71,000	0.5 J	230	11,000	26	ND (0.5)	ND (0.5)	ND (0.5)	6.5	2.5	ND (0.5)
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromomethane	61	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethyl tert-butyl ether	11	µg/L	ND (4)	ND (4)	ND (4)	ND (4)	ND (8)	ND (8)	ND (200)	ND (4)	ND (4)	ND (40) J	ND (40)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)
Ethyl thiocyanate	NDRI	µg/L	---	ND (100)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	230	0.9 J	23	760	160	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 11	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 12	390	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Hexachlorobutadiene	0.86	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Isopropyl ether	11	µg/L	---	---	---	ND (4)	ND (8)	---	---	ND (4)	ND (4)	---	ND (40)	ND (4)	---	---	---	---	---
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	35	12 J	7.8	33 J	150	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE E10
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Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15	RMW-07-15
Sample Date			6/20/2006	6/22/2006	6/19/2006	6/26/2006	6/26/2006	6/21/2006	6/29/2006	6/27/2006	6/27/2006	6/29/2006	6/28/2006	6/28/2006	6/20/2006	6/20/2006	6/22/2006	6/21/2006	6/21/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
Methyl ethyl ketone	7,000	µg/L	ND (4)	ND (4)	ND (4)	ND (4)	ND (8)	ND (8)	100	ND (4)	ND (4)	2,800 J	1,100	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)
Methyl isobutyl ketone	2,000	µg/L	ND (4)	ND (4)	ND (4)	ND (4)	ND (8)	ND (8)	1,200	ND (4)	ND (4)	2,700	20,000	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)
Methyl tert-butyl ether	13	µg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (4)	ND (4)	ND (100)	ND (2)	13	56 J	ND (20)	ND (2)	2.2	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (1)	ND (1)	ND (25)	ND (0.5)	7 J	5.9 J	43	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J
Naphthalene	0.093	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.2	0.5	ND (1)	180	4.5 J	0.6	640	260	0.2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
n-Butylbenzene	240	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	12	5.3 J	0.5	23 J	8.9	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
n-Propylbenzene	240	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	80	16 J	12	54 J	450	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
p-Cymene (p-isopropyltoluene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	170	0.8 J	26	88 J	150	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
sec-Butylbenzene	240	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	11 J	0.9	13 J	8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	37 J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
tert-Amyl methyl ether	11	µg/L	ND (4)	ND (4)	ND (4)	ND (4)	ND (8)	ND (8)	ND (200)	ND (4)	ND (4)	ND (40) J	ND (40)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)
tert-Butyl alcohol	1,800	µg/L	ND (20)	30	ND (20)	ND (20)	ND (40)	260	ND (1,000)	10	14	ND (200) J	ND (200)	ND (20)	14 J	ND (20)	20	ND (20)	ND (20)
tert-Butylbenzene	240	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	1.7 J	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	1.5	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Toluene	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	31,000	ND (0.5)	68	17,000	4,500	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	10	µg/L	ND (0.5)	1	ND (0.5)	ND (0.5)	ND (1)	ND (1)	640	ND (0.5)	12	68 J	31	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (25)	ND (0.5)	ND (0.5)	ND (5) J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5	µg/L	ND (0.5)	2.4	ND (0.5)	ND (0.5)	ND (1)	ND (1)	23	0.2 J	6.8	5 J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	0.5	µg/L	ND (0.5)	14	ND (0.5)	ND (0.5)	ND (1)	ND (1)	6,500	ND (0.5)	18	2,000	6,800	ND (0.5)	ND (0.5)	ND (0.5)	5.5	0.2 J	ND (0.5)
Xylenes, total	1,750	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	1,580	1.2 J	47	3,700	1,140	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Anions																			
Chloride	NA	mg/L	820	230	1,700	610	23,000	7,400	250	33	200	480	480	85	330	290	140	30	22
Nitrate as Nitrogen	NA	mg/L	ND (0.1)	75	5.9	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	8.4	ND (0.1)	0.45	0.32	ND (0.1)	0.12
Nitrite as Nitrogen	NA	mg/L	ND (2)	ND (1)	ND (5)	ND (5)	ND (50)	ND (20)	ND (1)	ND (0.1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.5)	ND (0.2)	ND (0.1)
Sulfate	NA	mg/L	120	3,300	140	1,400	4,400	650	0.34	4	19	0.37	1.1	320	4.6	210	570	59	41
Dissolved Gases																			
Ethane	NA	µg/L	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	0.6 J	970	1.6	580	29	920	ND (1.1)	ND (1.1)	ND (1.1)	3.9	ND (1.1)	ND (1.1)
Ethene	NA	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	4,200	2	93	830	9,300	ND (1)	ND (1)	ND (1)	1.3	ND (1)	ND (1)
Methane	NA	µg/L	1.9	62	7.8	89	200	2,200	20,000	1,200	9,700	18,000	30,000	0.8 J	3,900	2.7	5,300	74	21

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Sample Location			RMW-07-35	RMW-07-35 (FD)	RMW-08-15	RMW-08-15 (FD)	RMW-08-35	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			6/21/2006	6/21/2006	6/27/2006	6/27/2006	6/27/2006	6/22/2006	6/22/2006	6/26/2006	6/26/2006	6/26/2006	6/19/2006	6/28/2006	6/28/2006	6/28/2006	6/20/2006	6/26/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**															
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	0.43	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5	µg/L	0.9	0.9	0.7 J	1 J	0.2	0.9	84	0.8	ND (5)	94	ND (0.5)	92	ND (0.5)	ND (0.5)	ND (0.5)	0.6
1,1-Dichloroethene	6	µg/L	0.6	0.6	ND (0.5)	ND (0.5)	0.5	ND (0.5)	3.1	0.8	ND (5)	2.6	ND (0.5)	16	ND (0.5)	ND (0.5)	ND (0.5)	1.6
1,1-Dichloropropene	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichlorobenzene	7.2	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichloropropane	0.0056	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trimethylbenzene	12	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	34	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (20)	ND (2)	ND (4)	ND (2)	ND (2)	ND (2)	ND (2)
1,2-Dibromoethane	0.05	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichlorobenzene	600	µg/L	ND (0.5)	ND (0.5)	200	210	25	ND (0.5)	80	ND (0.5)	ND (5)	ND (5)	ND (0.5)	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	0.5	µg/L	0.2 J	0.2 J	ND (0.5)	ND (0.5)	2.2	ND (0.5)	1.4	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3,5-Trimethylbenzene	12	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	13	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichlorobenzene	180	µg/L	ND (0.5)	ND (0.5)	0.5	0.5	ND (0.5)	ND (0.5)	0.3 J	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3-Dichloropropane	120	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	5.4	6.4	1	ND (0.5)	5.1	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2,2-Dichloropropane	0.16	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Chlorotoluene	120	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Hexanone	2,000	µg/L	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (40)	ND (40)	ND (4)	110	ND (4)	ND (4)	ND (4)	ND (4)
4-Chlorotoluene	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Acetone	5,500	µg/L	ND (4)	ND (4)	ND (4)	ND (11)	ND (4)	ND (38)	ND (4)	ND (7)	ND (40)	ND (47)	ND (4)	ND (53) J	ND (4)	ND (4)	ND (4)	ND (4)
Benzene	1	µg/L	ND (0.5)	ND (0.5)	2.6	2.8	0.6	0.2 J	2.6	0.4	ND (5)	ND (5)	ND (0.5)	110	ND (0.5)	ND (0.5)	ND (0.5)	0.2
Bromobenzene	20	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromochloromethane	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	0.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	8.7	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	70	µg/L	0.3 J	0.3 J	300	300	33	ND (0.5)	3.3	ND (0.5)	ND (5)	ND (5)	ND (0.5)	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane	4.6	µg/L	0.3 J	0.2 J	ND (0.5)	0.2	ND (0.5)	ND (0.5)	1.4	ND (0.5)	ND (5)	ND (5)	ND (0.5)	93	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	160	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	6	µg/L	45	46	8.1 J	11 J	42	1	160	260	310	260	ND (0.5)	580	ND (0.5)	ND (0.5)	ND (0.5)	9.7
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromomethane	61	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethyl tert-butyl ether	11	µg/L	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (40)	ND (40)	ND (4)	ND (8)	ND (4)	ND (4)	ND (4)	ND (4)
Ethyl thiocyanate	NDRI	µg/L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (100)	---
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	9.4	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 11	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 12	390	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Hexachlorobutadiene	0.86	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Isopropyl ether	11	µg/L	---	---	ND (4)	ND (4)	ND (4)	---	---	ND (4)	ND (40)	ND (40)	---	30	ND (4)	ND (4)	---	ND (4)
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	3.1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE E10
Analytical Results - Groundwater, Second Quarter 2006 (June)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-07-35	RMW-07-35 (FD)	RMW-08-15	RMW-08-15 (FD)	RMW-08-35	RMW-09-15	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-51	RMW-12-51 (FD)	RMW-13-35	RMW-14-50
Sample Date			6/21/2006	6/21/2006	6/27/2006	6/27/2006	6/27/2006	6/22/2006	6/22/2006	6/26/2006	6/26/2006	6/26/2006	6/19/2006	6/28/2006	6/28/2006	6/28/2006	6/20/2006	6/26/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**															
Volatile Organic Compounds																		
Methyl ethyl ketone	7,000	µg/L	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	4.6	ND (4)	ND (4)	ND (40)	ND (40)	ND (4)	58 J	ND (4)	ND (4)	ND (4)	ND (4)
Methyl isobutyl ketone	2,000	µg/L	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (40)	ND (40)	ND (4)	17	ND (4)	ND (4)	ND (4)	ND (4)
Methyl tert-butyl ether	13	µg/L	ND (2)	ND (2)	4.5 J	6.3 J	1	ND (2)	ND (2)	ND (2)	ND (20)	ND (20)	ND (2)	ND (4)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	5	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (5)	ND (5)	ND (0.5)	ND (1.1)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) J
Naphthalene	0.093	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.2	ND (5)	ND (5)	ND (0.5)	9.2	0.2	0.2	ND (0.5)	0.2
n-Butylbenzene	240	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
n-Propylbenzene	240	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	3.4	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
p-Cymene (p-isopropyltoluene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	12	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
sec-Butylbenzene	240	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	1.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
tert-Amyl methyl ether	11	µg/L	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (40)	ND (40)	ND (4)	ND (8)	ND (4)	ND (4)	ND (4)	ND (4)
tert-Butyl alcohol	1,800	µg/L	ND (20)	ND (20)	10	ND (20)	10	14 J	ND (20)	ND (20)	ND (200)	910 J	ND (20)	550	ND (20)	ND (20)	ND (20)	16
tert-Butylbenzene	240	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Tetrachloroethene	5	µg/L	12	13	ND (0.5)	ND (0.5)	8.3	ND (0.5)	0.5	0.3	ND (5)	ND (5)	ND (0.5)	ND (1)	0.2	0.2	ND (0.5)	ND (0.5)
Toluene	150	µg/L	ND (0.5)	ND (0.5)	0.6	0.6	0.2	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	160	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	10	µg/L	24	21	3 J	4.4 J	11	ND (0.5)	25	6.6 J	9.9 J	4.1	ND (0.5)	35	ND (0.5)	ND (0.5)	ND (0.5)	0.5
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5	µg/L	18	19	0.5	0.5	18	0.3 J	9.8	19	21	160	ND (0.5)	37	1.2	1.3	ND (0.5)	29
Vinyl chloride	0.5	µg/L	2.5	2.7	9.8 J	14 J	7.5	ND (0.5)	69	0.6	ND (5)	18	ND (0.5)	340	ND (0.5)	ND (0.5)	ND (0.5)	0.5
Xylenes, total	1,750	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (10)	ND (10)	ND (1)	42	ND (1)	ND (1)	ND (1)	ND (1)
Anions																		
Chloride	NA	mg/L	66	66	26	26	77	140	110	190	180	4,100	580	340	59	58	10,000	6,600
Nitrate as Nitrogen	NA	mg/L	6.5	6.9	ND (0.1)	ND (0.1)	1.2	8.5	11	47	48	ND (0.1)	0.65	ND (0.1)	4.3	4.4	0.09 J	0.24
Nitrite as Nitrogen	NA	mg/L	0.45	0.46	ND (0.1)	ND (0.1)	ND (0.2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (2)	0.11	0.06 J	0.07 J	ND (25)	ND (20)
Sulfate	NA	mg/L	320	310	77	76	260	2,000	230	2,100	2,100	22,000	78	39	200	200	1,800	6,800
Dissolved Gases																		
Ethane	NA	µg/L	ND (1.1)	0.6 J	1.5	2	ND (1.1)	ND (1.1)	0.6 J	ND (1.1)	ND (1.1)	ND (1.1)	1.6	470	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
Ethene	NA	µg/L	0.5 J	0.5 J	0.5 J	0.8 J	ND (1)	0.8 J	0.5 J	0.7 J	0.6 J	1.4	ND (1)	1,900	ND (1)	ND (1)	ND (1)	ND (1)
Methane	NA	µg/L	4.2	4.2	890	1,000	72	35	170	400	430	280	82	6,900	16	18	220	110

Notes:
Results greater than the screening level are bolded.
Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Groundwater Screening Level table for source of screening levels.
In cases where target analytes are reported from more than one method or from multiple dilutions, the most conservative result or reporting limit is presented; that is, the values presented represent either the maximum positive result or the minimum reporting limit selected from the available data.

NA not applicable
NDRI not detected in groundwater during the Remedial Investigation phase
--- not analyzed
FD field duplicate
µg/L micrograms per liter
mg/L milligrams per liter
ND not detected above the laboratory's reporting limit shown in parentheses
J estimated value

TABLE E11
Analytical Results - Groundwater, Third Quarter 2006 (September)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-01-35 (FD)	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15
Sample Date			9/22/2006	9/22/2006	9/20/2006	9/26/2006	9/26/2006	9/27/2006	9/28/2006	9/28/2006	9/28/2006	9/28/2006	9/29/2006	9/29/2006	9/29/2006	9/29/2006	9/22/2006	9/22/2006	9/19/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) R	ND (0.5) R	240	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	11	ND (0.5) J	ND (0.5)	ND (0.5)	13 J	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5	µg/L	ND (0.5)	1.7	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	760	1.1	240 J	150 J	950	1,300 J	0.25 J	ND (0.5) R	0.39 J	0.56	0.31 J
1,1-Dichloroethene	6	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (250)	ND (0.5) J	ND (0.5) J	ND (0.5)	15	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichlorobenzene	7.2	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	0.15 J	0.21 J	0.23 J	3.9 J	4.2	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	0.16 J	0.14 J	0.94	1	12 J	48	0.087 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trimethylbenzene	12	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) R	ND (5) R	170 J	0.53 J	3.8 J	3.2 J	130 J	990 J	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5)
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dibromoethane	0.05	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichlorobenzene	600	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	13	22	470 J	290 J	89	5,700 J	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	16	ND (0.5) J	ND (0.5) J	2.5	38 J	24	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	4.7	ND (0.5)	ND (0.5)	ND (0.5)	1.3	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
1,3,5-Trimethylbenzene	12	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) R	ND (5) R	270 J	0.51 J	12	9.3	270	2,500 J	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5)
1,3-Dichlorobenzene	180	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	0.18 J	13	13	2.4	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	1.9	5.4	230 J	140 J	11 J	990 J	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
2-Hexanone	2,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) R	ND (5) R	7.6	ND (5)	ND (5)	ND (5)	190	ND (100)	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5)
Acetone	5,500	µg/L	ND (5)	ND (5.9)	ND (5)	ND (5) J	ND (5) R	ND (5) R	9,700	ND (5) J	ND (5) J	ND (5) J	4,000	7,400 J	ND (5) J	23 J	ND (5) J	ND (5) J	ND (5)
Benzene	1	µg/L	ND (0.5)	1.3	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) J	190	1.4	11	11	340	160	ND (0.5)	ND (0.5) J	ND (0.5)	1.1	ND (0.5)
Bromochloromethane	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	8.7	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	1.7 J	ND (0.5)	3.1	1.4 J	1 J	ND (0.98)	1	ND (0.5)	ND (0.5) J	ND (0.5)	3.1 J	ND (0.5)
Carbon tetrachloride	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	70	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	24 J	630	470 J	280 J	25 J	100	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane	4.6	µg/L	ND (0.5)	0.17 J	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	90	ND (0.5)	330 J	200 J	37 J	250	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Chloroform	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	160	µg/L	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.69)	ND (0.5) J	ND (0.5) R	1.8	ND (0.5)	ND (0.66) J	ND (0.69) J	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
cis-1,2-Dichloroethene	6	µg/L	ND (0.5)	70	ND (0.5)	0.33 J	ND (0.5) R	ND (0.5) R	25,000 J	0.76	920 J	610 J	8,900 J	9.5	3 J	ND (0.62) J	ND (0.5)	4.5	1.9
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Cyclohexane	10,000	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	0.33 J	4.7	5.2	18	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Ethyl tert-butyl ether	11	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) R	ND (5) R	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (100)	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5)
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	84	0.71	8.6	7.2	670	230	0.59	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Freon 11	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Freon 12	390	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	35 J	8.3	7	6.8	32 J	210	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Methyl acetate	6,100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	80 J	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5) J	4,000 J	ND (0.5) J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Methyl ethyl ketone	7,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) R	ND (5) R	ND (5) R	ND (5) J	ND (5) J	ND (5) J	ND (5) J	ND (100)	ND (5) J	ND (5) R	ND (5) J	ND (5) J	ND (5)
Methyl isobutyl ketone	2,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) R	ND (5) R	ND (2,500)	ND (5)	ND (5)	ND (5)	4,500	49,000 J	ND (5)	ND (5) R	ND (5)	1.1 J	ND (5)
Methyl tert-butyl ether	13	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.055 J	ND (0.5) R	ND (0.5) R	ND (0.5)	0.25 J	3.9 J	4.3	32	ND (10)	ND (0.5)	0.96 J	ND (0.5)	ND (0.5)	ND (0.5)
Methylcyclohexane	5,200	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	14	ND (0.5)	2.1	2.3	44	1.7	0.12 J	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	3.4	ND (0.5) J	4.4 J	3.8	3.6	140	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	100	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5) R	ND (0.5) J	ND (0.5) J	ND (0.5) J	26 J	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
tert-Amyl methyl ether	11	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) R	ND (5) R	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (100)	ND (5)	ND (5) R	ND (5)	ND (5)	ND (5)
tert-Butyl alcohol	1,800	µg/L	ND (10)	17	ND (10)	ND (10) J	ND (10) R	240 J	27	36	ND (10)	ND (10)	ND (10) R	ND (200)	ND (10) R	ND (10) R	ND (10)	ND (10)	ND (10)
Tetrachloroethene	5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	3.7 J	ND (0.5)	1.6 J	2.5 J	1.4 J	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Toluene	150	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	6,700 J	ND (0.5)	3.6	3.2	12,000 J	6,100 J	7 J	1.8 J	ND (0.5)	0.074 J	ND (0.5)

TABLE E11
Analytical Results - Groundwater, Third Quarter 2006 (September)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-01-35 (FD)	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15
	Sample Date		9/22/2006	9/22/2006	9/20/2006	9/26/2006	9/26/2006	9/27/2006	9/28/2006	9/28/2006	9/28/2006	9/28/2006	9/29/2006	9/29/2006	9/29/2006	9/29/2006	9/22/2006	9/22/2006	9/19/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
trans-1,2-Dichloroethene	10	µg/L	ND (0.5)	1.4 J	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	220 J	0.06 J	15	16	45 J	66	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5	µg/L	ND (0.5)	3.1	ND (0.5)	0.096 J	ND (0.5) R	ND (0.5) R	22 J	0.23 J	8.2	8.6	11 J	ND (10)	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	0.5	µg/L	ND (0.5)	19 J	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	1,700	ND (0.5)	170 J	110 J	1,400	15,000 J	1.6	ND (0.5) R	ND (0.5)	3.7 J	ND (0.5)
Xylenes, total	1,750	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) R	ND (0.5) R	500	0.81 J	4.4	4.01	3,200	1,810 J	2.83	ND (0.8) R	ND (0.5)	ND (0.5)	ND (0.5)
Semivolatile Organic Compounds																			
1,1'-Biphenyl	300	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) R	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
1,2,4,5-Tetrachlorobenzene	11	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
1,4-Dioxane (p-dioxane)	6.1	µg/L	ND (2)	220	ND (2)	11	5.6	48 J	28	ND (2)	110 J	110 J	35 J	1,600 J	0.22 J	29 J	0.9 J	30	ND (2)
2,2'-Oxybis(1-Chloropropane)	0.01	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
2,3,4,6-Tetrachlorophenol	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
2,4,5-Trichlorophenol	3,600	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
2,4,6-Trichlorophenol	0.96	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
2,4-Dichlorophenol	110	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
2,4-Dimethylphenol	730	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25) J	ND (5) R	ND (5)	150	140	290	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
2,4-Dinitrophenol	73	µg/L	ND (10)	ND (10) R	ND (10)	ND (10)	ND (10)	ND (50)	ND (10) R	ND (10) J	ND (10) J	ND (10) J	ND (100)	ND (2,500)	ND (10)	ND (50)	ND (10)	ND (10)	ND (10)
2,4-Dinitrotoluene	73	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25) J	ND (5) R	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
2,6-Dinitrotoluene	36	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25) J	ND (5) R	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
2-Chloronaphthalene	490	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
2-Chlorophenol	30	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5) J	ND (25)	ND (5)	ND (5)	ND (5)
2-Methylnaphthalene	24	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) R	170 J	1.6	2.9 J	2.7 J	290 J	190 J	ND (0.1)	0.12	ND (0.1)	ND (0.1)	ND (0.1)
2-Methylphenol	1,800	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25) J	ND (5) R	ND (5)	ND (5)	ND (5)	250	2,000	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
2-Nitroaniline	110	µg/L	ND (10)	ND (10) R	ND (10)	ND (10)	ND (10)	ND (50)	ND (10) R	ND (10)	ND (10)	ND (10)	ND (100)	ND (2,500)	ND (10)	ND (50)	ND (10)	ND (10)	ND (10)
2-Nitrophenol	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
3,3'-Dichlorobenzidine	0.15	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5) R	ND (25)	ND (5)	ND (5)	ND (5)
3-Nitroaniline	NDRI	µg/L	ND (10)	ND (10) R	ND (10)	ND (10)	ND (10)	ND (50)	ND (10) R	ND (10)	ND (10)	ND (10)	ND (100)	ND (2,500)	ND (10)	ND (50)	ND (10)	ND (10)	ND (10)
4,6-Dinitro-2-methylphenol	NDRI	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (50)	ND (10) R	ND (10) J	ND (10) J	ND (10) J	ND (100)	ND (2,500)	ND (10)	ND (50)	ND (10)	ND (10)	ND (10)
4-Bromophenylphenyl ether	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
4-Chloro-3-methylphenol	1,800	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) J	ND (5)	120	120	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
4-Chloroaniline	150	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5) R	ND (25)	ND (5)	ND (5)	ND (5)
4-Chlorophenylphenyl ether	NDRI	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
4-Methylphenol	180	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25) J	ND (5) R	ND (5)	ND (5)	ND (5)	550	7,300	ND (5)	4	ND (5)	ND (5)	ND (5)
4-Nitroaniline	NDRI	µg/L	ND (10)	ND (10) R	ND (10)	ND (10)	ND (10)	ND (50)	ND (10) R	ND (10)	ND (10)	ND (10)	ND (100)	ND (2,500)	ND (10)	ND (50)	ND (10)	ND (10)	ND (10)
4-Nitrophenol	73	µg/L	ND (10)	ND (10) R	ND (10)	ND (10)	ND (10)	ND (50)	ND (10) R	ND (10)	ND (10)	ND (10)	ND (100)	ND (2,500)	ND (10)	ND (50)	ND (10)	ND (10)	ND (10)
Acenaphthene	370	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) R	ND (2) J	0.53	ND (0.5) J	ND (0.5) J	4.5	0.51 J	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)
Acenaphthylene	180	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.051 J	11 J	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (1)	ND (0.1)	ND (0.5)	ND (0.1)	0.45	ND (0.1)
Acetophenone	150,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25) J	ND (5) R	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Anthracene	1,800	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.17 J	ND (2) J	ND (0.5)	ND (0.5) J	ND (0.5) J	3.2	ND (1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)
Atrazine	3	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Benzaldehyde	3,600	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Benzo(a)anthracene	0.092	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.1 J	ND (2) J	ND (0.5)	ND (0.5) J	ND (0.5) J	0.89	ND (1)	ND (0.1)	ND (0.5) J	ND (0.1)	ND (0.1) J	ND (0.1)
Benzo(a)pyrene	0.2	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.094 J	ND (2) J	ND (0.5)	ND (0.5) J	ND (0.5) J	0.5	ND (1)	ND (0.1)	ND (0.5) J	ND (0.1)	ND (0.1) J	ND (0.1)
Benzo(b)fluoranthene	0.092	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.18 J	ND (2) J	ND (0.5)	ND (0.5) J	ND (0.5) J	0.76	ND (1)	ND (0.1)	ND (0.5) J	ND (0.1)	ND (0.1) J	ND (0.1)
Benzo(g,h,i)perylene	180	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.16 J	ND (2) J	0.047	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (1)	ND (0.1)	ND (0.5) J	ND (0.1)	ND (0.1) J	0.034 J
Benzo(k)fluoranthene	0.056	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.059 J	ND (2) J	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (1)	ND (0.1)	ND (0.5) J	ND (0.1)	ND (0.1) J	ND (0.1)
Benzyl butyl phthalate	7,300	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) R	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
bis(2-Chloroethoxy)methane	0.01	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
bis(2-Chloroethyl)ether	0.01	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
bis(2-Ethylhexyl)phthalate	4.8	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) R	ND (5)	0.75 J	0.83 J	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)

TABLE E11
Analytical Results - Groundwater, Third Quarter 2006 (September)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-01-35 (FD)	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15
Sample Date			9/22/2006	9/22/2006	9/20/2006	9/26/2006	9/26/2006	9/27/2006	9/28/2006	9/28/2006	9/28/2006	9/28/2006	9/29/2006	9/29/2006	9/29/2006	9/29/2006	9/22/2006	9/22/2006	9/19/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Semivolatile Organic Compounds																			
Caprolactam	18,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) R	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Carbazole	3.4	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) J	ND (5)	ND (5)	ND (5)	25	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Chrysene	0.56	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.13 J	ND (2) J	0.061	ND (0.5) J	ND (0.5) J	1.1	ND (1)	ND (0.1)	ND (0.5) J	ND (0.1)	ND (0.1) J	ND (0.1)
Dibenz(a,h)anthracene	0.0092	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.14) J	ND (2) J	0.037	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (1)	ND (0.1)	ND (0.5) J	ND (0.1)	ND (0.1) J	0.032 J
Dibenzofuran	12	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Diethylphthalate	29,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	38 J	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Dimethylphthalate	360,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) R	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Di-n-butyl phthalate	3,600	µg/L	ND (5)	ND (5)	0.58 J	ND (5)	ND (5)	ND (25)	ND (5) R	1.9 J	5.7	4.8 J	69	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Di-n-octyl phthalate	1,500	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) R	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Fluoranthene	1,500	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.35 J	ND (2) J	0.23	ND (0.5) J	ND (0.5) J	2.4	ND (1)	ND (0.1)	ND (0.5) J	ND (0.1)	ND (0.1) J	ND (0.1)
Fluorene	240	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) R	ND (2) J	0.26	ND (0.5) J	ND (0.5) J	2.6	ND (1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)
Hexachlorobenzene	1	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Hexachlorobutadiene	0.86	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Hexachlorocyclopentadiene	50	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5) R	ND (25)	ND (5)	ND (5)	ND (5)
Hexachloroethane	4.8	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25) J	ND (5) R	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Indeno(1,2,3-c,d)pyrene	0.092	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.13 J	ND (2) J	0.047	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (1)	ND (0.1)	ND (0.5) J	ND (0.1)	ND (0.1) J	0.031 J
Isophorone	71	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	0.88 J	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Naphthalene	0.093	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1) J	220 J	ND (0.5)	0.12 J	ND (0.5) J	140 J	67 J	0.022 J	0.067	ND (0.1)	ND (0.1)	ND (0.1)
Nitrobenzene	3.4	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25) J	ND (5) R	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
N-Nitrosodi-n-propylamine	0.0096	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25) J	ND (5) R	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5) J	ND (25)	ND (5)	ND (5)	ND (5)
N-Nitrosodiphenylamine	14	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25) J	ND (5) R	ND (5)	ND (5)	ND (5)	ND (50)	ND (1,300)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Pentachlorophenol	1	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2) R	0.9 J	ND (1) J	0.24 J	0.21 J	0.81 J	ND (2) J	ND (0.2) J	ND (1) J	ND (0.2)	ND (0.2)	ND (0.2)
Phenanthrene	180	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.23 J	ND (2) J	0.048	0.079 J	ND (0.5) J	6	0.83	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)
Phenol	11,000	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	73	3,400	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)
Pyrene	180	µg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.36 J	ND (2) J	0.31	ND (0.5) J	ND (0.5) J	2.4	0.4	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1) J	ND (0.1)
Metals																			
Aluminum	1,000	µg/L	562	ND (200) J	425	338	419 J-	1,000	474	921	382	403	477	424	312	1,120	529	658	6,400 J
Aluminum (Dissolved)	1,000	µg/L	437	437	399	403	438 J-	492	402	403	366	379	469	394	306	---	341	480	74.4
Antimony	6	µg/L	ND (2)	ND (2) J	ND (2)	ND (2)	ND (2) J	ND (2) J	ND (2)	ND (2)	ND (2)	ND (2)	ND (4)	ND (4)	ND (4)	0.81	ND (2)	ND (2)	ND (2)
Antimony (Dissolved)	6	µg/L	ND (2)	ND (2) J	ND (2) J	ND (4)	ND (4) J	ND (4) J	ND (4)	ND (4)	ND (4)	ND (4)	ND (4) J	ND (4)	ND (4)	---	ND (2)	ND (2)	ND (2)
Arsenic	10	µg/L	9.3	157	9.3	15.4	77.5 J-	126 J	41.2	6.3	8.8	9	45.7	35.8	1.6 J	20.2	2.5	21.5	9.6
Arsenic (Dissolved)	10	µg/L	8.5	185	8.2	16.1	89.7 J-	108	37	5	7.2	8.5	43.4	38.2	1.8	---	2.3	22.5	11.2
Barium	1,000	µg/L	167	30.6	84.8	15.2	45.5 J-	115	155	143	157	168	709	202	63.2 J	144	46.2	121	160
Barium (Dissolved)	1,000	µg/L	174	38.1	98.1	15.6	47 J-	92.9	144	124	130	151	626	199	66.6	---	47.3	124	118
Beryllium	4	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) R	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1)	ND (1)	0.14
Beryllium (Dissolved)	4	µg/L	ND (1)	ND (1)	ND (1) J	ND (2)	ND (2) R	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	---	ND (1)	ND (1)	ND (1)
Cadmium	5	µg/L	ND (1)	0.44	0.14	ND (1)	ND (1) R	0.63 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	0.32	ND (1)	ND (1)	ND (1)
Cadmium (Dissolved)	5	µg/L	ND (1)	ND (1) J	ND (1) J	ND (2)	ND (2) R	0.86 J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	---	ND (1)	ND (1) J	ND (1) J
Chromium	50	µg/L	ND (2) J	ND (2) J	2.3	ND (2) J	14.3 J-	25.9 J	3.3	4.4	ND (2) J	ND (2) J	4.7	ND (4)	ND (4)	17.8	ND (2) J	3.6	16
Chromium (Dissolved)	50	µg/L	ND (2)	ND (2)	2.3	ND (4)	13.8 J-	22.8	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	---	ND (2)	3.5	2.3
Cobalt	730	µg/L	1.1	15.6	ND (1) J	4.7	3.2 J-	4.4 J	1.3	1.5	3.4	3.5	8	4.4	20.3	4.3	1.2	3.5	5.2
Cobalt (Dissolved)	730	µg/L	1.1	18.3	ND (1) J	4.7	2.6 J-	3.4	ND (2) J	ND (2) J	2.8	3.1	7.5	4.4	22.7	---	1.2	3.4	2.9
Copper	1,300	µg/L	0.8	8.6	1.8	2.2	3.3 J-	4.4 J	1.2	3	0.96	0.5	3	2.3	1.2	8.9	1.6	1.8	6.2
Copper (Dissolved)	1,300	µg/L	0.59	9.6	1.8	1.2	2.5 J-	1.3	0.89	1.1	ND (4)	0.87	2.5	0.92	1.2	---	0.98	0.97	1.5
Lead	15	µg/L	0.63	0.38	0.68	0.34	0.28 J-	8.2 J	0.29	7.4	0.28	0.27	2.3	0.57	0.47	20.1	0.5	0.22	6.3
Lead (Dissolved)	15	µg/L	0.25	0.5	0.72	0.46	0.39 J-	0.31	0.32	0.34	0.29	0.31	0.3	0.34	0.73	---	ND (1)	ND (1)	0.23
Manganese	880	µg/L	845	6,940	19.5	901	309 J-	293 J	6,490	4,410	2,460	2,420	6,230	327	830 J	948	251	1,420	4,110
Manganese (Dissolved)	880	µg/L	904	8,670	8.2	881	317 J-	203	6,130	4,290	1,960	2,230	5,780	318	894	---	266	1,470	4,520
Mercury	2	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2) R	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)

TABLE E11
Analytical Results - Groundwater, Third Quarter 2006 (September)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-01-35 (FD)	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15
Sample Date			9/22/2006	9/22/2006	9/20/2006	9/26/2006	9/26/2006	9/27/2006	9/28/2006	9/28/2006	9/28/2006	9/28/2006	9/29/2006	9/29/2006	9/29/2006	9/29/2006	9/22/2006	9/22/2006	9/19/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Metals																			
Mercury (Dissolved)	2	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2) R	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	---	ND (0.2)	ND (0.2)	ND (0.2)
Nickel	100	µg/L	5	47	3.1	12.6	14.8 J-	19.7 J	20.2	11.3	44.6	43.4	50.5	266	225 J	17.9	24.3	22.1	26.5
Nickel (Dissolved)	100	µg/L	5.1	52.8	2.9	11.5	11.2 J-	14	17.5	8.7	33	38.1	50.5	263	242	---	23.5	20.6	14.8
Selenium	50	µg/L	ND (5)	3.8	ND (5)	ND (5)	3.6 J-	2.1 J	2.1	ND (5)	ND (5)	ND (5)	ND (10)	ND (10)	ND (10)	ND (10)	ND (5)	ND (5)	ND (5)
Selenium (Dissolved)	50	µg/L	ND (5)	3.8	ND (5)	ND (10)	ND (10) R	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	---	ND (5)	ND (5)	ND (5)
Silver	180	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Silver (Dissolved)	180	µg/L	ND (1)	ND (1) J	ND (1)	ND (2)	ND (2) J	ND (2) J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	---	ND (1)	ND (1)	ND (1)
Thallium	2	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) R	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Thallium (Dissolved)	2	µg/L	ND (1)	ND (1)	ND (2)	ND (2)	ND (2) R	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	0.12	---	ND (1)	ND (1)	ND (1)
Vanadium	36	µg/L	1.7	4.3	9.6	1.2	7.7 J-	57.5 J	1.7	2.6	1.6	1.9	2.2	1.9	5.5 J	26.4	3.3	3.8	9.6
Vanadium (Dissolved)	36	µg/L	ND (1)	4.6	10.2	ND (2)	13.6 J-	57.2	3.3	ND (2)	ND (2)	ND (2)	2.5	3	6.3	---	3.9	4.5	ND (1) J
Zinc	11,000	µg/L	3.3	124	4.2	4.1	5.5 J-	11.2 J	4.8	6.7	ND (2)	ND (2)	6.5	2.2	2.6	57.7	4.1	1.3	16.1
Zinc (Dissolved)	11,000	µg/L	4.8	146	5.7	3.4	4 J-	1.8	1.7	4.6	ND (4)	ND (4)	4.3	1.8	3.9	---	3.9	ND (2)	4
Calcium	NA	µg/L	63,500	387,000	60,000	50,800	363,000 J-	197,000	110,000	106,000	33,200	32,600	358,000	19,800	49,400	93,900	28,800	140,000	211,000
Calcium (Dissolved)	NA	µg/L	62,100	380,000	61,100	48,700	370,000 J-	202,000	104,000	105,000	33,500	33,100	347,000	21,000	48,200	---	29,100	144,000	212,000
Iron	11,000	µg/L	1,390	ND (100) J	ND (100)	513	28,100 J-	1,640	69,800	8,690	906	859	26,300	13,300	148	4,890	268	7,420	7,190 J+
Iron (Dissolved)	11,000	µg/L	1,120	110	ND (100)	460	28,500 J-	203	66,100	7,620	899	867	29,600	13,300	158	---	ND (100)	6,950	1,550
Magnesium	NA	µg/L	57,000	95,300	75,600	68,900	1,790,000 J-	494,000	48,700	37,600	41,000	40,300	70,600	21,500	72,800	64,700	6,380	94,500	79,300
Magnesium (Dissolved)	NA	µg/L	55,000	92,300	76,800	67,400	1,920,000 J-	517,000	46,000	38,200	41,700	41,200	71,900	22,500	71,300	---	6,250	94,700	78,100
Potassium	NA	µg/L	14,000	55,200	17,700	43,400	485,000 J-	267,000	20,300	9,180	2,220	2,200	50,700	5,790	5,470 J	53,700	2,990	63,800	9,150 J
Potassium (Dissolved)	NA	µg/L	14,000	55,300	18,200	40,700	514,000 J-	281,000	19,800	9,050	2,260	2,220	53,100	5,940	5,220	---	2,990	64,800	8,540
Sodium	NA	µg/L	1,500,000	314,000	1,470,000	949,000	11,900,000 J-	4,590,000	193,000	85,100	495,000	493,000	418,000	1,390,000	206,000	918,000	287,000	457,000	196,000 J
Sodium (Dissolved)	NA	µg/L	1,510,000	305,000	1,440,000	920,000	13,300,000 J-	4,200,000	186,000	84,700	508,000	502,000	356,000	1,470,000	162,000	---	286,000	448,000	194,000
Organochlorine Pesticides/PCBs																			
4,4'-DDD	0.28	µg/L	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1) J	ND (0.1) J	ND (10)	0.18 J	0.8 J	ND (0.1) J	ND (0.1) J	2.6	ND (0.1) J	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1) J	ND (0.1)
4,4'-DDE	0.2	µg/L	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1) J	ND (10)	0.13 J	0.02 J	ND (0.1) J	ND (0.1) J	0.4 J	ND (0.1) J	ND (0.1)	0.014 J	ND (0.1)	ND (0.1) J	ND (0.1)
4,4'-DDT	0.2	µg/L	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1) J	ND (10)	0.065 J	ND (0.1) J	ND (0.1) J	ND (0.1) J	0.057 J	ND (0.1) J	ND (0.1)	ND (0.1) R	ND (0.1)	ND (0.1) J	ND (0.1)
Aldrin	0.004	µg/L	ND (0.05) J	0.0069 J	ND (0.05)	ND (0.05)	ND (0.05) J	ND (5)	0.093 J	0.0066 J	ND (0.05) J	ND (0.05) J	0.11 J	0.03 J	ND (0.05)	ND (0.05) R	ND (0.05)	ND (0.05) J	ND (0.05)
alpha-BHC	0.011	µg/L	ND (0.05) J	0.02 J	ND (0.05)	ND (0.05)	0.0065 J	ND (5)	0.052 J	ND (0.05) J	ND (0.05) J	ND (0.05) J	0.017 J	0.018 J	ND (0.05)	ND (0.05) R	ND (0.05)	ND (0.05) J	ND (0.05)
alpha-Chlordane	0.1	µg/L	ND (0.05) J	0.0053 J	ND (0.05)	ND (0.05)	ND (0.05) J	ND (5)	0.22 J	ND (0.05) J	ND (0.05) J	ND (0.05) J	0.033 J	0.031 J	ND (0.05)	ND (0.05) R	ND (0.05)	ND (0.05) J	ND (0.05)
Aroclor-1016	0.5	µg/L	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) R	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J
Aroclor-1221	0.5	µg/L	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) R	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J
Aroclor-1232	0.5	µg/L	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) R	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J
Aroclor-1242	0.5	µg/L	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) R	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J
Aroclor-1248	0.5	µg/L	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) R	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J
Aroclor-1254	0.5	µg/L	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) R	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J
Aroclor-1260	0.5	µg/L	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) R	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J
Aroclor-1262	NDRI	µg/L	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) R	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J
Aroclor-1268	NDRI	µg/L	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) J	ND (1) R	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (1) J	ND (1) J
beta-BHC	0.037	µg/L	ND (0.05) J	ND (0.05) J	ND (0.05) J	ND (0.05)	ND (0.05) J	ND (5)	0.38 J	ND (0.05) J	0.0067 J	0.0068 J	0.065 J	0.059 J	ND (0.05)	ND (0.05) R	ND (0.05)	ND (0.05) J	ND (0.05) J
delta-BHC	0.011	µg/L	ND (0.05) J	0.03 J	ND (0.05)	ND (0.05)	ND (0.05) J	ND (5)	0.12 J	ND (0.05) J	ND (0.05) J	ND (0.05) J	0.0056 J	ND (0.05) J	ND (0.05)	ND (0.05) R	ND (0.05)	ND (0.05) J	ND (0.05)
Dieldrin	0.0042	µg/L	ND (0.1) J	0.013 J	ND (0.1)	ND (0.1)	ND (0.1) J	ND (10)	0.67 J	0.094 J	0.012 J	0.014 J	0.81 J	0.093 J	0.012 J	ND (0.1) R	ND (0.1)	ND (0.1) J	ND (0.1)
Endosulfan I	220	µg/L	ND (0.05) J	ND (0.05) J	ND (0.05)	ND (0.05)	ND (0.05) J	ND (5)	0.42 J	ND (0.05) J	ND (0.05) J	ND (0.05) J	0.0057 J	0.0072 J	ND (0.05)	ND (0.05) R	ND (0.05)	ND (0.05) J	ND (0.05)
Endosulfan II	220	µg/L	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1) J	ND (10)	0.23 J	ND (0.1) J	ND (0.1) J	ND (0.1) J	0.027 J	ND (0.1) J	ND (0.1)	ND (0.1) R	ND (0.1)	ND (0.1) J	ND (0.1)
Endosulfan sulfate	220	µg/L	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1) J	ND (10)	0.013 J	ND (0.1) J	ND (0.1) J	ND (0.1) J	0.012 J	ND (0.1) J	ND (0.1)	ND (0.1) R	ND (0.1)	ND (0.1) J	ND (0.1)
Endrin	2	µg/L	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1) J	ND (10)	0.22 J	ND (0.1) J	ND (0.1) J	ND (0.1) J	0.015 J	0.039 J	ND (0.1)	ND (0.1) R	ND (0.1) J	ND (0.1) J	ND (0.1)
Endrin aldehyde	11	µg/L	ND (0.1) J	ND (0.1) J	ND (0.1) J	0.0055 J	ND (0.1) J	ND (10)	0.022 J	ND (0.1) J	0.0075 J	0.0076 J	0.057 J	0.015 J	ND (0.1)	ND (0.1) R	ND (0.1)	ND (0.1) J	ND (0.1) J
Endrin ketone	11	µg/L	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1) J	ND (10)	ND (0.1) J	ND (0.1) J	ND (0.1) J	ND (0.1) J	0.047 J	0.022 J	ND (0.1)	ND (0.1) R	ND (0.1)	ND (0.1) J	ND (0.1)
gamma-BHC	0.052	µg/L	ND (0.05) J	0.045 J	ND (0.05)	ND (0.05)	ND (0.05) J	ND (5)	0.14 J	ND (0.05) J	ND (0.05) J	ND (0.05) J	0.038 J	0.021 J	ND (0.05)	ND (0.05) R	ND (0.05)	ND (0.05) J	ND (0.05)

TABLE E11
Analytical Results - Groundwater, Third Quarter 2006 (September)
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Sample Location			BMW-01	BMW-03	BMW-06	BMW-07	BMW-08	BPZ-01	MW-12	RMW-01-17	RMW-01-35	RMW-01-35 (FD)	RMW-02-13	RMW-02-32	RMW-02-50	RMW-03-15	RMW-04-15	RMW-05-15	RMW-06-15
Sample Date			**9/22/2006**	**9/22/2006**	**9/20/2006**	**9/26/2006**	**9/26/2006**	**9/27/2006**	**9/28/2006**	**9/28/2006**	**9/28/2006**	**9/28/2006**	**9/29/2006**	**9/29/2006**	**9/29/2006**	**9/29/2006**	**9/22/2006**	**9/22/2006**	**9/19/2006**
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Organochlorine Pesticides/PCBs																			
gamma-Chlordane	0.1	µg/L	ND (0.05) J	ND (0.05) J	ND (0.05)	ND (0.05)	0.0062 J	ND (5)	ND (0.05) J	ND (0.05) J	ND (0.05) J	ND (0.05) J	0.0099 J	0.018 J	ND (0.05)	ND (0.05) R	ND (0.05)	ND (0.05) J	ND (0.05)
Heptachlor	0.01	µg/L	ND (0.05) J	ND (0.05) J	ND (0.05)	ND (0.05)	ND (0.05) J	0.76 J	0.19 J	ND (0.05) J	ND (0.05) J	ND (0.05) J	0.02 J	0.015 J	ND (0.05)	ND (0.05) R	ND (0.05)	ND (0.05) J	ND (0.05)
Heptachlor epoxide	0.01	µg/L	ND (0.05) J	0.008 J	ND (0.05)	ND (0.05)	ND (0.05) J	ND (5)	0.11 J	ND (0.05) J	ND (0.05) J	ND (0.05) J	0.032 J	0.042 J	ND (0.05)	ND (0.05) R	ND (0.05)	ND (0.05) J	ND (0.05)
Methoxychlor	30	µg/L	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5) J	ND (50)	0.051 J	ND (0.5) J	ND (0.5) J	0.0077 J	0.014 J	0.01 J	ND (0.5)	ND (0.5) R	ND (0.5)	ND (0.5) J	ND (0.5) J
Toxaphene	3	µg/L	ND (5) J	ND (5) J	ND (5)	ND (5)	ND (5) J	ND (500)	ND (5) J	ND (5) J	ND (5) J	ND (5) J	ND (5) J	ND (5) J	ND (5)	ND (5) R	ND (5)	ND (5) J	ND (5)
Dioxins/Furans (1)																			
1,2,3,4,6,7,8-HpCDD	45	pg/L	ND (0.988)	ND (0.657)	ND (1.47)	ND (0.493)	ND (0.871)	2.92 J	ND (1.04)	9.12 J	ND (0.892)	---	390	ND (2.54)	ND (2.8)	ND (2.22)	ND (0.711)	ND (0.863)	ND (1.3)
1,2,3,4,6,7,8-HpCDF	45	pg/L	ND (0.4)	ND (0.506)	ND (1.01)	ND (0.362)	ND (0.602)	ND (0.94)	ND (0.555)	2.49 J	ND (0.913)	---	53.6	ND (0.765)	ND (0.851)	ND (0.574)	ND (0.407)	ND (0.419)	ND (0.532)
1,2,3,4,7,8,9-HpCDF	45	pg/L	ND (0.551)	ND (0.677)	ND (1.56)	ND (0.502)	ND (0.833)	ND (1.46)	ND (0.79)	ND (0.487)	ND (1.38)	---	ND (3.76)	ND (0.983)	ND (1.23)	ND (0.848)	ND (0.583)	ND (0.58)	ND (0.801)
1,2,3,4,7,8-HxCDD	4.5	pg/L	ND (1.55)	ND (1.06)	ND (2.04)	ND (1.26)	ND (0.942)	ND (2.21)	ND (1.29)	ND (2.27)	ND (1.64)	---	ND (5.78)	ND (2.59)	ND (1.87)	ND (1.84)	ND (1.53)	ND (0.854)	ND (1.43)
1,2,3,4,7,8-HxCDF	4.5	pg/L	ND (0.365)	ND (0.345)	ND (0.857)	ND (0.263)	ND (0.442)	ND (0.515)	ND (0.342)	ND (0.673)	ND (0.572)	---	ND (3.49)	ND (0.547)	ND (0.411)	ND (0.434)	ND (0.37)	ND (0.535)	ND (0.522)
1,2,3,6,7,8-HxCDD	4.5	pg/L	ND (1.59)	ND (1.09)	ND (1.96)	ND (1.32)	ND (0.987)	ND (2.27)	ND (1.26)	ND (2.27)	ND (1.59)	---	5.64 J	ND (2.6)	ND (1.81)	ND (1.88)	ND (1.57)	ND (0.879)	ND (1.48)
1,2,3,6,7,8-HxCDF	4.5	pg/L	ND (0.396)	ND (0.361)	ND (0.912)	ND (0.29)	ND (0.477)	ND (0.533)	ND (0.351)	ND (0.695)	ND (0.591)	---	ND (3.52)	ND (0.568)	ND (0.435)	ND (0.461)	ND (0.408)	ND (0.57)	ND (0.537)
1,2,3,7,8,9-HxCDD	4.5	pg/L	ND (1.91)	ND (1.31)	ND (2.35)	ND (1.58)	ND (1.18)	ND (2.76)	ND (1.53)	ND (2.79)	ND (1.96)	---	ND (6.6)	ND (3.09)	ND (2.23)	ND (2.3)	ND (1.9)	ND (1.05)	ND (1.8)
1,2,3,7,8,9-HxCDF	4.5	pg/L	ND (0.39)	ND (0.383)	ND (1.02)	ND (0.291)	ND (0.445)	ND (0.533)	ND (0.347)	ND (0.701)	ND (0.612)	---	ND (3.73)	ND (0.524)	ND (0.448)	ND (0.468)	ND (0.423)	ND (0.585)	ND (0.582)
1,2,3,7,8-PeCDD	0.45	pg/L	ND (0.412)	ND (0.435)	ND (1.11)	ND (0.424)	ND (0.468)	ND (1.66)	ND (0.92)	ND (0.989)	ND (1.31)	---	ND (3.52)	ND (0.94)	ND (0.81)	ND (0.733)	ND (0.392)	ND (0.454)	ND (1.05)
1,2,3,7,8-PeCDF	9	pg/L	ND (1.22)	ND (1.22)	ND (1.15)	ND (1.02)	ND (0.988)	ND (1.15)	ND (0.794)	ND (1.26)	ND (1.24)	---	ND (11.6)	ND (2.89)	ND (1.64)	ND (1.88)	ND (0.947)	ND (1.08)	ND (0.996)
2,3,4,6,7,8-HxCDF	4.5	pg/L	ND (0.401)	ND (0.379)	ND (0.939)	ND (0.297)	ND (0.46)	ND (0.522)	ND (0.358)	ND (0.725)	ND (0.614)	---	ND (4.15)	ND (0.602)	ND (0.462)	ND (0.501)	ND (0.415)	ND (0.584)	ND (0.596)
2,3,4,7,8-PeCDF	0.9	pg/L	ND (1.21)	ND (1.24)	ND (1.17)	ND (1.05)	ND (1.05)	ND (1.08)	ND (0.831)	ND (1.24)	ND (1.17)	---	ND (8.77)	ND (1.76)	ND (1.69)	ND (1.96)	ND (0.961)	ND (1.08)	ND (1.06)
2,3,7,8-TCDD	0.45	pg/L	ND (0.644)	ND (0.571)	ND (0.85)	ND (0.463)	ND (0.602)	ND (0.906)	ND (0.675)	ND (0.79)	ND (1.16)	---	ND (1.3)	ND (0.763)	ND (0.859)	ND (0.549)	ND (0.559)	ND (0.447)	ND (0.722)
2,3,7,8-TCDF	4.5	pg/L	ND (0.586)	ND (0.507)	ND (0.674)	ND (0.444)	ND (0.61)	ND (0.456)	ND (0.353)	ND (0.613)	ND (0.545)	---	ND (3.05)	ND (0.787)	ND (0.711)	ND (1.05)	ND (0.437)	ND (0.511)	ND (0.475)
OCDD	4,500	pg/L	ND (1.7)	ND (1.31)	ND (3.41)	ND (2.03)	5.76 J	21.6 J	8.22 J	144	ND (2.44)	---	9,070	10.2 J	9.5 J	ND (4.1)	ND (2.7)	ND (1.72)	8.42 J
OCDF	4,500	pg/L	ND (1.78)	ND (2.39)	ND (4.05)	ND (1.97)	ND (2.71)	ND (2.9)	ND (1.83)	19.6 J	ND (2.19)	---	305	ND (2.58)	ND (3.03)	ND (3.87)	ND (2.14)	ND (2.36)	ND (2.73)
Total Dioxin Toxicity equivalent	0.45	pg/L	ND (1.23)	1.12 J	ND (1.86)	ND (1.03)	1.11 J	2.12 J	1.33 J	1.9 J	ND (1.98)	---	12.4 J	1.95 J	1.74 J	1.64 J	ND (1.1)	ND (1.04)	1.56 J
Anions																			
Chloride	NA	mg/L	1,300	340	1,800	770	20,000	7,300	260	31	270	260	620	590	76	640	190	150	31
Nitrate as Nitrogen	NA	mg/L	ND (0.1)	120	6.1	0.15	ND (1)	1,000	0.21	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	0.16	9.2	ND (0.1)	8.8	ND (0.1)	0.18
Nitrite as Nitrogen	NA	mg/L	ND (5)	ND (1)	ND (10)	ND (5)	ND (50)	ND (20)	ND (1)	ND (0.1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (0.2)	ND (2)	ND (1)	ND (1)	ND (0.1)
Sulfate	NA	mg/L	190	4,800	140	1,300	4,000	640	ND (0.5)	2	22	23	ND (0.5)	ND (0.5)	260	2.4	180	370	63
Dissolved Gases																			
Ethane	NA	µg/L	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	0.9 J	---	1.5	350	280	16	530	ND (1.1)	ND (1.1)	ND (1.1)	4.7	ND (1.1)
Ethene	NA	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	---	1.9	61	49	470	11,000	ND (1)	0.6 J	ND (1)	ND (1)	ND (1)
Methane	NA	µg/L	5.9	76	13	65	370	6,000	---	1,000	7,500	6,300	17,000	26,000	ND (1.2)	4,900	ND (1.2)	8,900	40

TABLE E11
Analytical Results - Groundwater, Third Quarter 2006 (September)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-07-15	RMW-07-35	RMW-08-15	RMW-08-35	RMW-09-15	RMW-09-15 (FD)	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-32 (FD)	RMW-12-51	RMW-13-35	RMW-14-50
Sample Date			9/18/2006	9/18/2006	9/29/2006	9/27/2006	9/25/2006	9/25/2006	9/25/2006	9/20/2006	9/20/2006	9/20/2006	9/19/2006	9/27/2006	9/27/2006	9/27/2006	9/26/2006	9/25/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**															
Volatile Organic Compounds																		
1,1,1-Trichloroethane	200	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	0.081 J	ND (0.5)	ND (0.5)
1,1,2,2-Tetrachloroethane	1	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	0.47 J	ND (0.5)	ND (0.5)	0.3 J
1,1-Dichloroethane	5	µg/L	ND (0.5)	1.7	2.4	0.15 J	5.9	5.4	26	1.3	1.3	88	ND (0.5)	77 J	84	ND (0.5)	ND (0.5)	0.7
1,1-Dichloroethene	6	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	19	18	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichlorobenzene	7.2	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,4-Trimethylbenzene	12	µg/L	ND (5)	ND (5)	ND (100)	ND (5)	ND (5)	ND (5)	ND (5)	ND (20)	ND (20)	ND (10)	ND (5)	17	18	ND (5)	ND (5)	ND (5)
1,2-Dibromo-3-chloropropane	0.2	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dibromoethane	0.05	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichlorobenzene	600	µg/L	ND (0.5)	ND (0.5)	210	8.3	ND (0.5)	0.13 J	28	ND (2)	ND (2)	ND (1)	ND (0.5)	1.9	1.9	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloroethane	0.5	µg/L	ND (0.5)	ND (0.5)	1.7	ND (0.5)	ND (0.5)	ND (0.5)	0.52	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2-Dichloropropane	5	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,3,5-Trimethylbenzene	12	µg/L	ND (5)	ND (5)	ND (100)	ND (5)	1 J	0.92 J	ND (5)	ND (20)	ND (20)	ND (10)	ND (5)	23	26	ND (5)	ND (5)	ND (5)
1,3-Dichlorobenzene	180	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	0.13 J	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dichlorobenzene	5	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	1.5	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
2-Hexanone	2,000	µg/L	ND (5)	ND (5)	ND (100)	ND (5)	ND (5)	ND (5)	ND (5)	ND (20)	ND (20)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	5,500	µg/L	ND (5)	ND (5)	570	ND (5)	ND (19) J	34 J	ND (5)	ND (20) J	ND (20)	ND (10)	ND (5)	23 J	33 J	ND (5)	ND (5)	ND (5)
Benzene	1	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.62)	ND (0.65)	1.2	ND (2)	ND (2)	2.2	ND (0.5)	94	92	0.069 J	ND (0.5)	ND (0.5)
Bromochloromethane	NDRI	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromoform	100	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (2) J	ND (2) J	ND (1) J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J
Bromomethane	8.7	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon disulfide	1,000	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.97) J	5.3 J	9 J	ND (0.5)	ND (0.63)	ND (0.5)
Carbon tetrachloride	0.5	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chlorobenzene	70	µg/L	ND (0.5)	0.55	240	11	ND (0.5)	ND (0.5)	1.6	ND (2)	ND (2)	ND (1)	ND (0.5)	2.4	2.4	ND (0.5)	ND (0.5)	ND (0.5)
Chloroethane	4.6	µg/L	ND (0.5)	0.36 J	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	0.48 J	ND (2)	ND (2)	ND (1)	ND (0.5)	78	80	ND (0.5)	ND (0.5)	ND (0.5)
Chloroform	100	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	160	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.56)	4.8	5.6	ND (1.7)	ND (0.5)	ND (0.62)	ND (0.5)	ND (0.5)	ND (0.51)	ND (0.5)
cis-1,2-Dichloroethene	6	µg/L	ND (0.5)	70	ND (10)	72	6.8	6.4	66	390	390	420	ND (0.5)	400 J	440	ND (0.71) J	ND (0.5)	11
cis-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Cyclohexane	10,000	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	0.11 J	ND (2)	ND (2)	ND (1)	ND (0.5)	2.5	2.5	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	100	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethyl tert-butyl ether	11	µg/L	ND (5)	ND (5)	ND (100)	ND (5)	ND (5)	ND (5)	ND (5)	ND (20)	ND (20)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Ethylbenzene	700	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	3.3	ND (0.5)	13	13	ND (0.5)	ND (0.5)	ND (0.5)
Freon 11	150	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 12	390	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Freon 113	1,200	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Isopropylbenzene (cumene)	660	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5) J	1.4 J	ND (0.5)	ND (2)	ND (2)	2.1	ND (0.5)	4.8	4.9	ND (0.5)	ND (0.5)	0.25 J
Methyl acetate	6,100	µg/L	ND (0.5)	ND (0.5)	69 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5)
Methyl ethyl ketone	7,000	µg/L	ND (5)	ND (5)	ND (100)	ND (5)	ND (5)	7.1	ND (5)	ND (20) J	ND (20)	ND (10)	ND (5)	ND (5) J	ND (5)	ND (5)	2.5 J	ND (5)
Methyl isobutyl ketone	2,000	µg/L	ND (5)	ND (5)	230	ND (5)	ND (5)	ND (5)	ND (5)	ND (20)	ND (20)	ND (10)	ND (5)	12	10	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	13	µg/L	ND (0.5)	ND (0.5)	8.1	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	0.079 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylcyclohexane	5,200	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	5.5	5.3	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.65)	ND (0.61)	ND (0.5)	ND (0.5)	ND (0.5)
Styrene	100	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5)	ND (0.5)	ND (0.5)
tert-Amyl methyl ether	11	µg/L	ND (5)	ND (5)	ND (100)	ND (5)	ND (5)	ND (5)	ND (5)	ND (20)	ND (20)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
tert-Butyl alcohol	1,800	µg/L	ND (10)	ND (10)	ND (200) R	ND (10)	43 J	82 J	ND (10)	ND (40)	ND (40)	220	ND (10)	240 J	340 J	ND (10) R	ND (10)	ND (10)
Tetrachloroethene	5	µg/L	ND (0.5)	24	ND (10)	8.6	0.23 J	0.22 J	0.37 J	ND (2)	ND (2)	ND (1)	ND (0.5)	0.1 J	ND (0.5)	0.31 J	ND (0.5)	ND (0.5)
Toluene	150	µg/L	ND (0.5)	ND (0.5)	ND (14)	ND (0.5)	0.17 J	0.16 J	ND (0.5)	ND (2)	ND (2)	2	ND (0.5)	110	110	ND (0.5)	ND (0.5)	ND (0.5)

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AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-07-15	RMW-07-35	RMW-08-15	RMW-08-35	RMW-09-15	RMW-09-15 (FD)	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-32 (FD)	RMW-12-51	RMW-13-35	RMW-14-50
Sample Date			9/18/2006	9/18/2006	9/29/2006	9/27/2006	9/25/2006	9/25/2006	9/25/2006	9/20/2006	9/20/2006	9/20/2006	9/19/2006	9/27/2006	9/27/2006	9/27/2006	9/26/2006	9/25/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**															
Volatile Organic Compounds																		
trans-1,2-Dichloroethene	10	µg/L	ND (0.5)	31	1.9	15	1.6	1.5	15	11	11	5.3 J	ND (0.5)	29 J	31	ND (0.5)	ND (0.5)	0.64
trans-1,3-Dichloropropene	0.5	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (2)	ND (2)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5	µg/L	ND (0.5)	25	ND (10)	21	6.2	6.1	5.6	22	20	140	ND (0.5)	32	34	2.2	ND (0.5)	41
Vinyl chloride	0.5	µg/L	ND (0.5)	5.6 J	16	5.6	2.6	2.8	23	ND (2)	ND (2)	21 J	ND (0.5)	200	210	0.14 J	ND (0.5)	0.57
Xylenes, total	1,750	µg/L	ND (0.5)	ND (0.5)	ND (10)	ND (0.5)	0.22 J	0.39 J	ND (0.5)	ND (2)	ND (2)	1.94	ND (0.5)	38	41	ND (0.5)	ND (0.5)	ND (0.5)
Semivolatile Organic Compounds																		
1,1'-Biphenyl	300	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	0.76 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2,4,5-Tetrachlorobenzene	11	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J
1,4-Dioxane (p-dioxane)	6.1	µg/L	ND (2) J	4	3.6 J	ND (2)	100	110	18	34	24	190 J	ND (2)	1,100 J	720 J	ND (2) J	ND (2)	2.8
2,2'-Oxybis(1-Chloropropane)	0.01	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,3,4,6-Tetrachlorophenol	NDRI	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J
2,4,5-Trichlorophenol	3,600	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J
2,4,6-Trichlorophenol	0.96	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J
2,4-Dichlorophenol	110	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J
2,4-Dimethylphenol	730	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	3.2 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J
2,4-Dinitrophenol	73	µg/L	ND (10)	ND (10)	ND (50)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)
2,4-Dinitrotoluene	73	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2,6-Dinitrotoluene	36	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Chloronaphthalene	490	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Chlorophenol	30	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Methylnaphthalene	24	µg/L	ND (0.1)	0.048 J	0.56	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	11 J	5.3 J	ND (0.1)	ND (0.1)	ND (0.1)
2-Methylphenol	1,800	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	4 J	3.9 J	ND (5)	ND (5)	ND (5) J
2-Nitroaniline	110	µg/L	ND (10)	ND (10)	ND (50)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitrophenol	NDRI	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
3,3'-Dichlorobenzidine	0.15	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
3-Nitroaniline	NDRI	µg/L	ND (10)	ND (10)	ND (50)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4,6-Dinitro-2-methylphenol	NDRI	µg/L	ND (10)	ND (10)	ND (50)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)
4-Bromophenylphenyl ether	NDRI	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Chloro-3-methylphenol	1,800	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J
4-Chloroaniline	150	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Chlorophenylphenyl ether	NDRI	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methylphenol	180	µg/L	ND (5)	ND (5)	17	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	2.9 J	2.9 J	ND (5)	ND (5)	ND (5) J
4-Nitroaniline	NDRI	µg/L	ND (10)	ND (10)	ND (50)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Nitrophenol	73	µg/L	ND (10)	ND (10)	ND (50)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthene	370	µg/L	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Acenaphthylene	180	µg/L	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Acetophenone	150,000	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	3.8 J	3.8 J	ND (5)	ND (5)	ND (5)
Anthracene	1,800	µg/L	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Atrazine	3	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)
Benzaldehyde	3,600	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzo(a)anthracene	0.092	µg/L	ND (0.1)	ND (0.1)	ND (0.5) R	ND (0.1)	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzo(a)pyrene	0.2	µg/L	ND (0.1)	ND (0.1)	ND (0.5) R	ND (0.1)	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzo(b)fluoranthene	0.092	µg/L	ND (0.1)	ND (0.1)	ND (0.5) R	ND (0.1)	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzo(g,h,i)perylene	180	µg/L	0.022 J	0.025 J	ND (0.5) J	ND (0.1)	ND (0.1) J	ND (0.1) J	ND (0.1)	0.03 J	0.054 J	0.049 J	0.025 J	0.1 J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzo(k)fluoranthene	0.056	µg/L	ND (0.1)	ND (0.1)	ND (0.5) R	ND (0.1)	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Benzyl butyl phthalate	7,300	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
bis(2-Chloroethoxy)methane	0.01	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
bis(2-Chloroethyl)ether	0.01	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
bis(2-Ethylhexyl)phthalate	4.8	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	0.57 J	ND (5)	ND (5)	ND (5)

TABLE E11
Analytical Results - Groundwater, Third Quarter 2006 (September)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RMW-07-15	RMW-07-35	RMW-08-15	RMW-08-35	RMW-09-15	RMW-09-15 (FD)	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-32 (FD)	RMW-12-51	RMW-13-35	RMW-14-50
Sample Date			**9/18/2006**	**9/18/2006**	**9/29/2006**	**9/27/2006**	**9/25/2006**	**9/25/2006**	**9/25/2006**	**9/20/2006**	**9/20/2006**	**9/20/2006**	**9/19/2006**	**9/27/2006**	**9/27/2006**	**9/27/2006**	**9/26/2006**	**9/25/2006**
Analyte	**Screening Level**	**Units**	**Analytical Results**															
Semivolatile Organic Compounds																		
Caprolactam	18,000	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Carbazole	3.4	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Chrysene	0.56	µg/L	ND (0.1)	ND (0.1)	ND (0.5) R	ND (0.1)	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Dibenz(a,h)anthracene	0.0092	µg/L	0.022 J	0.023 J	ND (0.5) J	ND (0.1)	ND (0.1) J	ND (0.1) J	ND (0.1)	0.029 J	0.045 J	0.057 J	0.022 J	0.094 J	ND (0.1)	ND (0.1)	ND (0.1)	0.21
Dibenzofuran	12	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Diethylphthalate	29,000	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	0.55 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Dimethylphthalate	360,000	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	1.2 J
Di-n-butyl phthalate	3,600	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	2.4 J	3.1 J	3 J	ND (5)	1.7 J	1.9 J	ND (5)	ND (5)	ND (5)
Di-n-octyl phthalate	1,500	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Fluoranthene	1,500	µg/L	ND (0.1)	0.035 J	ND (0.5) R	ND (0.1)	ND (0.1) J	0.062 J	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Fluorene	240	µg/L	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Hexachlorobenzene	1	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)
Hexachlorobutadiene	0.86	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J
Hexachlorocyclopentadiene	50	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Hexachloroethane	4.8	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Indeno(1,2,3-c,d)pyrene	0.092	µg/L	0.019 J	0.027 J	ND (0.5) J	ND (0.1)	ND (0.1) J	ND (0.1) J	ND (0.1)	0.027 J	0.048 J	0.052 J	0.018 J	0.1 J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Isophorone	71	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Naphthalene	0.093	µg/L	ND (0.1)	ND (0.1)	0.2	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	5.5 J	3 J	ND (0.1)	ND (0.1)	ND (0.1)
Nitrobenzene	3.4	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
N-Nitrosodi-n-propylamine	0.0096	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
N-Nitrosodiphenylamine	14	µg/L	ND (5)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Pentachlorophenol	1	µg/L	ND (0.2)	ND (0.2)	ND (1) J	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (2) J	ND (0.2)	ND (0.2)	0.17 J	ND (0.2)
Phenanthrene	180	µg/L	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (1) J	ND (0.1)	ND (0.1)	ND (0.1)	0.044 J
Phenol	11,000	µg/L	ND (5)	ND (5)	8.7	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	22	21	ND (5)	ND (5)	ND (5)
Pyrene	180	µg/L	ND (0.1)	ND (0.1)	0.076 J	ND (0.1)	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (1) J	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Metals																		
Aluminum	1,000	µg/L	426	441	496	337	398	413	358	465	481	613	385	5,250	---	484	444	382
Aluminum (Dissolved)	1,000	µg/L	419	413	537	530	429	407	355	519	496	468	407	5,430	---	439	380	468
Antimony	6	µg/L	ND (2)	ND (2)	ND (4)	ND (2)	ND (2) J	ND (2) J	ND (2)	2	2.1	ND (2) J	ND (2)	ND (2) J	---	ND (2)	ND (2)	ND (2)
Antimony (Dissolved)	6	µg/L	ND (2)	ND (2)	ND (4)	ND (4)	ND (4) J	ND (4) J	ND (4)	2.8	2.7	ND (2) J	ND (2) J	ND (4) J	---	ND (4)	ND (4) J	ND (4) J
Arsenic	10	µg/L	0.66	3.6	98.3	4	2,020	2,010	6	599	599	819 J	6.7	17.2	---	2.8	46.3 J	81.6
Arsenic (Dissolved)	10	µg/L	1.3	3.9	134	3.7	1,730	1,800	6	596	581	918 J	6.3	15.5	---	2	38.2	72.5
Barium	1,000	µg/L	111	39.3	60.2	156	46	46.5	8.1	20.4	21.9	21.9 J	94.9	27	---	54.8	58.9	31
Barium (Dissolved)	1,000	µg/L	117	40.1	52	149	43.3	44.8	7	26	25.6	23.9 J	97	25.9	---	50.7	59.7	29.1
Beryllium	4	µg/L	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1)	---	ND (1)	ND (1) J	ND (1) J
Beryllium (Dissolved)	4	µg/L	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (2)	---	ND (2)	ND (2)	ND (2)
Cadmium	5	µg/L	ND (1)	ND (1)	0.22	ND (1)	0.15	0.39	ND (1)	3	2.9	0.39 J	ND (1)	ND (1)	---	0.12	ND (1) J	ND (1)
Cadmium (Dissolved)	5	µg/L	ND (1) J	ND (1) J	0.48	0.27	0.31	ND (2)	ND (2)	3.8	4	ND (1) J	ND (1)	ND (2)	---	ND (2)	ND (2) J	ND (2)
Chromium	50	µg/L	ND (2) J	ND (2) J	3.8	ND (2) J	2.7	2.6	ND (2)	2	2.2	5.6 J	ND (2) J	2.7	---	2.2	5.3 J	3.5
Chromium (Dissolved)	50	µg/L	ND (2)	ND (2)	4.8	ND (4)	ND (4)	ND (4)	ND (4)	ND (2)	ND (2)	3.6 J	ND (2)	ND (4)	---	ND (4)	5.2	ND (4)
Cobalt	730	µg/L	3.5	1.6	7.9	4.4	19.8	19.3	ND (1) J	26	26.8	213 J	ND (1) J	4.8	---	2.9	10.1 J	31.8
Cobalt (Dissolved)	730	µg/L	3.6	1.7	ND (4) J	4.2	18.5	19	ND (2) J	29.3	28.9	237 J	ND (1) J	4	---	2.7	9.6	30.9
Copper	1,300	µg/L	1.7	1.3	1.1	0.97	29.2	29.3	1.2	13.9	14.5	16.3 J	0.9	4	---	1.6	2.6 J	3.9
Copper (Dissolved)	1,300	µg/L	1.6	1.2	2.1	1.3	25.4	26	1.7	13.8	13.8	6.1 J	0.71	1.8	---	ND (4)	1.6	1.9
Lead	15	µg/L	0.18	0.17	0.42	ND (1)	0.41	0.29	0.26	0.3	0.29	0.55 J	0.16	2.7	---	ND (1)	0.39 J	0.16
Lead (Dissolved)	15	µg/L	0.12	0.16	0.65	0.59	0.36	0.53	0.34	0.25	0.3	0.11 J	ND (1)	1	---	0.4	0.28 J	0.43
Manganese	880	µg/L	3,300	499	2,030	660	14,900	14,900	9.8	3,070	3,050	22,200 J	1,350	1.2	---	751	2,320	45,700
Manganese (Dissolved)	880	µg/L	3,460	521	2,590	605	13,800	14,500	9.5	3,290	3,150	26,400 J	1,410	0.24	---	691	2,300	44,600
Mercury	2	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	0.09	0.09	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2) J	ND (0.2)	0.11	---	ND (0.2)	ND (0.2)	ND (0.2)

TABLE E11
Analytical Results - Groundwater, Third Quarter 2006 (September)
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Sample Location			RMW-07-15	RMW-07-35	RMW-08-15	RMW-08-35	RMW-09-15	RMW-09-15 (FD)	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-32 (FD)	RMW-12-51	RMW-13-35	RMW-14-50
Sample Date			9/18/2006	9/18/2006	9/29/2006	9/27/2006	9/25/2006	9/25/2006	9/25/2006	9/20/2006	9/20/2006	9/20/2006	9/19/2006	9/27/2006	9/27/2006	9/27/2006	9/26/2006	9/25/2006
Analyte	**Screening Level**	**Units**	**Analytical Results**															
Metals																		
Mercury (Dissolved)	2	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	0.09	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	---	ND (0.2)	ND (0.2)	ND (0.2)
Nickel	100	µg/L	12.8	14.6	85.2	24.7	94.6	91.5	2.7	222	226	510 J	4.1	96.2	---	90.7	19.1 J	93
Nickel (Dissolved)	100	µg/L	13.1	15.4	8.8	20.5	82.8	85.1	2.5	255	253	552 J	3.9	84.1	---	83	15.9	85.6
Selenium	50	µg/L	ND (5)	ND (5)	ND (10)	ND (5)	4.5	5.4	ND (5)	ND (5)	ND (5)	25.7 J	ND (5)	ND (5)	---	ND (5)	ND (5) J	ND (5)
Selenium (Dissolved)	50	µg/L	ND (5)	ND (5)	ND (10)	ND (10)	4.3	ND (10)	ND (10)	1.8	ND (5)	30.5 J	ND (5)	ND (10)	---	ND (10)	ND (10)	ND (10)
Silver	180	µg/L	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1)	---	ND (1)	ND (1) J	ND (1)
Silver (Dissolved)	180	µg/L	ND (1)	ND (1)	ND (2) J	ND (2)	ND (2)	ND (2)	ND (2)	ND (1) J	ND (1)	ND (1) J	ND (1)	ND (2)	---	ND (2)	ND (2) J	ND (2)
Thallium	2	µg/L	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1)	---	ND (1)	ND (1)	ND (1)
Thallium (Dissolved)	2	µg/L	ND (1)	ND (1)	0.16	ND (2)	ND (2)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (2)	---	ND (2)	ND (2) J	ND (2)
Vanadium	36	µg/L	ND (1)	7	2.9	5.9	5.1	5.8	13.5	2.2	3.1	10 J	ND (1)	75.4	---	7.3	ND (1) J	2.2
Vanadium (Dissolved)	36	µg/L	ND (1)	6.5 J	2.3	6.3	6.6	7.1	12.9	3.3	2.3	10.3 J	ND (1)	68.8	---	7.2	ND (2)	4.3
Zinc	11,000	µg/L	4.1	3.3	1.8	5.3	49.4	48.7	ND (2)	3,820	3,820	10.9 J	4.5	6.2	---	3.6	7.6 J	4.2
Zinc (Dissolved)	11,000	µg/L	4.9	3.7	8.4	7.2	44.9	50.4	ND (4)	5,000	4,850	13.8 J	2.9	5.1	---	3.4	5.5	4.3
Calcium	NA	µg/L	119,000	22,400	91,900	117,000	419,000	410,000	ND (5,000)	413,000	423,000	376,000	82,100	38,900	---	20,400	172,000	273,000
Calcium (Dissolved)	NA	µg/L	111,000	21,600	91,900	113,000	418,000	408,000	ND (5,000)	421,000	422,000	374,000	81,300	36,700	---	20,200	146,000	275,000
Iron	11,000	µg/L	202	ND (100)	4,540	ND (100)	183	174	ND (100) J	334	498	3,610	3,020	ND (100)	---	313	4,750	9,060
Iron (Dissolved)	11,000	µg/L	173	ND (100)	3,910	123	147	153	ND (100)	ND (100)	ND (100)	2,830	2,960	ND (100) J	---	ND (100) J	4,050	8,970
Magnesium	NA	µg/L	51,800	24,700	29,100	148,000	152,000	147,000	ND (5,000) J	94,500	96,700	651,000	93,700	ND (5,000)	---	29,300	548,000	642,000
Magnesium (Dissolved)	NA	µg/L	48,900	23,600	29,500	145,000	151,000	147,000	ND (5,000) J	95,100	95,000	638,000	92,800	ND (5,000) J	---	29,200	470,000	649,000
Potassium	NA	µg/L	16,500	2,740	54,700	ND (5,000)	39,900	38,900	1,690	11,100	11,100	497,000	6,830	11,300	---	ND (5,000)	178,000	209,000
Potassium (Dissolved)	NA	µg/L	15,600	2,680	57,200	3,080	39,200	38,000	1,600	9,760	9,680	499,000	6,910	11,500	---	4,650	157,000	210,000
Sodium	NA	µg/L	59,900	360,000	160,000	228,000	701,000	679,000	252,000	144,000	146,000	3,530,000	257,000	424,000	---	181,000	6,080,000	4,680,000
Sodium (Dissolved)	NA	µg/L	56,500	346,000	128,000	221,000	690,000	670,000	245,000	142,000	142,000	3,270,000	255,000	433,000	---	180,000	6,000,000	4,630,000
Organochlorine Pesticides/PCBs																		
4,4'-DDD	0.28	µg/L	ND (0.1)	ND (0.1)	ND (0.1) J	ND (0.1) J	ND (0.1) R	ND (0.1) R	ND (0.1)	ND (0.1) J	0.075 J	0.14 J	0.031 J	ND (0.1) J	---	0.2	ND (0.1) J	ND (0.1) R
4,4'-DDE	0.2	µg/L	ND (0.1)	0.0055 J	0.0089 J	0.013 J	ND (0.1) R	0.019 J	ND (0.1)	0.21 J	0.048 J	0.031 J	ND (0.1) J	ND (0.1) J	---	ND (0.1)	ND (0.1) J	ND (0.1) R
4,4'-DDT	0.2	µg/L	ND (0.1)	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1) R	ND (0.1) R	ND (0.1)	ND (0.1) J	ND (0.1) J	ND (0.1) J	ND (0.1) J	0.0099 J	---	ND (0.1)	ND (0.1) J	ND (0.1) R
Aldrin	0.004	µg/L	ND (0.05)	0.0054 J	ND (0.05) J	ND (0.05)	0.031 J	0.075 J	ND (0.05)	0.15 J	0.18 J	0.042 J	ND (0.05) J	ND (0.05) J	---	ND (0.05)	ND (0.05) J	0.016 J
alpha-BHC	0.011	µg/L	ND (0.05)	ND (0.05)	ND (0.05) J	ND (0.05)	0.029 J	0.0065 J	ND (0.05)	0.028 J	0.054 J	0.061 J	ND (0.05) J	ND (0.05) J	---	ND (0.05)	ND (0.05) J	ND (0.05) R
alpha-Chlordane	0.1	µg/L	ND (0.05)	ND (0.05)	ND (0.05) J	ND (0.05)	0.009 J	0.036 J	ND (0.05)	0.2 J	0.5 J	0.11 J	ND (0.05) J	ND (0.05) J	---	ND (0.05)	ND (0.05) J	ND (0.05) R
Aroclor-1016	0.5	µg/L	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1) R	ND (1) R	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1)	ND (1) J	---	ND (1)	ND (1) J	ND (1) R
Aroclor-1221	0.5	µg/L	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1) R	ND (1) R	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1)	ND (1) J	---	ND (1)	ND (1) J	ND (1) R
Aroclor-1232	0.5	µg/L	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1) R	ND (1) R	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1)	ND (1) J	---	ND (1)	ND (1) J	ND (1) R
Aroclor-1242	0.5	µg/L	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1) R	ND (1) R	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1)	ND (1) J	---	ND (1)	ND (1) J	ND (1) R
Aroclor-1248	0.5	µg/L	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1) R	ND (1) R	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1)	ND (1) J	---	ND (1)	ND (1) J	ND (1) R
Aroclor-1254	0.5	µg/L	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1) R	ND (1) R	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1)	ND (1) J	---	ND (1)	ND (1) J	ND (1) R
Aroclor-1260	0.5	µg/L	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1) R	ND (1) R	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1)	ND (1) J	---	ND (1)	ND (1) J	ND (1) R
Aroclor-1262	NDRI	µg/L	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1) R	ND (1) R	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1)	ND (1) J	---	ND (1)	ND (1) J	ND (1) R
Aroclor-1268	NDRI	µg/L	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1) R	ND (1) R	ND (1)	ND (1) J	ND (1) J	ND (1) J	ND (1)	ND (1) J	---	ND (1)	ND (1) J	ND (1) R
beta-BHC	0.037	µg/L	ND (0.05) J	ND (0.05) J	ND (0.05) J	ND (0.05)	0.13 J	ND (0.05) J	ND (0.05)	0.21 J	0.27 J	0.57 J	ND (0.05) J	0.01 J	---	ND (0.05)	ND (0.05) J	ND (0.05) J
delta-BHC	0.011	µg/L	ND (0.05)	0.14	ND (0.05) J	ND (0.05)	0.054 J	0.035 J	ND (0.05)	0.1 J	0.16 J	0.059 J	0.013 J	ND (0.05) J	---	ND (0.05)	ND (0.05) J	ND (0.05) R
Dieldrin	0.0042	µg/L	ND (0.1)	0.0092 J	ND (0.1) J	ND (0.1)	0.033 J	0.058 J	ND (0.1)	0.18 J	0.23 J	0.055 J	ND (0.1) J	0.04 J	---	0.035 J	ND (0.1) J	ND (0.1) R
Endosulfan I	220	µg/L	ND (0.05)	ND (0.05)	ND (0.05) J	ND (0.05)	0.0076 J	0.018 J	ND (0.05)	0.047 J	0.15 J	0.041 J	ND (0.05) J	ND (0.05) J	---	ND (0.05)	ND (0.05) J	ND (0.05) R
Endosulfan II	220	µg/L	ND (0.1)	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1) R	0.01 J	ND (0.1)	0.043 J	0.064 J	ND (0.1) J	ND (0.1) J	ND (0.1) J	---	ND (0.1)	ND (0.1) J	ND (0.1) R
Endosulfan sulfate	220	µg/L	ND (0.1)	0.094 J	ND (0.1) J	ND (0.1)	ND (0.1) R	ND (0.1) R	ND (0.1)	0.033 J	0.092 J	ND (0.1) J	ND (0.1) J	ND (0.1) J	---	ND (0.1)	ND (0.1) J	ND (0.1) R
Endrin	2	µg/L	ND (0.1)	ND (0.1)	ND (0.1) J	ND (0.1)	0.026 J	0.017 J	ND (0.1) J	0.14 J	0.22 J	0.17 J	0.046 J	ND (0.1) J	---	ND (0.1)	ND (0.1) J	ND (0.1) R
Endrin aldehyde	11	µg/L	ND (0.1) J	ND (0.1) J	ND (0.1) J	ND (0.1)	ND (0.1) R	ND (0.1) R	ND (0.1)	ND (0.1) J	ND (0.1) J	ND (0.1) J	ND (0.1) J	0.01 J	---	0.0086 J	0.0057 J	ND (0.1) R
Endrin ketone	11	µg/L	ND (0.1)	ND (0.1)	ND (0.1) J	ND (0.1)	ND (0.1) R	ND (0.1) R	ND (0.1)	ND (0.1) J	0.016 J	ND (0.1) J	ND (0.1) J	ND (0.1) J	---	ND (0.1)	ND (0.1) J	ND (0.1) R
gamma-BHC	0.052	µg/L	ND (0.05)	ND (0.05)	ND (0.05) J	ND (0.05)	0.086 J	0.06 J	ND (0.05)	0.061 J	0.17 J	0.45 J	0.028 J	ND (0.05) J	---	ND (0.05)	ND (0.05) J	ND (0.05) R

TABLE E11
Analytical Results - Groundwater, Third Quarter 2006 (September)
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Analyte	Screening Level	Units	RMW-07-15	RMW-07-35	RMW-08-15	RMW-08-35	RMW-09-15	RMW-09-15 (FD)	RMW-09-35	RMW-10-15	RMW-10-15 (FD)	RMW-10-35	RMW-11-35	RMW-12-32	RMW-12-32 (FD)	RMW-12-51	RMW-13-35	RMW-14-50
Sample Date			9/18/2006	9/18/2006	9/29/2006	9/27/2006	9/25/2006	9/25/2006	9/25/2006	9/20/2006	9/20/2006	9/20/2006	9/19/2006	9/27/2006	9/27/2006	9/27/2006	9/26/2006	9/25/2006
Analytical Results																		
Organochlorine Pesticides/PCBs																		
gamma-Chlordane	0.1	µg/L	ND (0.05)	ND (0.05)	ND (0.05) J	ND (0.05) J	0.041 J	0.037 J	ND (0.05)	**0.23 J**	**0.25 J**	0.012 J	0.012 J	0.07 J	---	ND (0.05)	ND (0.05) J	0.0085 J
Heptachlor	0.01	µg/L	ND (0.05)	ND (0.05)	ND (0.05) J	ND (0.05)	ND (0.05) J	ND (0.05) J	ND (0.05)	**0.075 J**	ND (0.05) J	**0.34 J**	**0.076 J**	ND (0.05) J	---	ND (0.05)	ND (0.05) J	ND (0.05) J
Heptachlor epoxide	0.01	µg/L	ND (0.05)	ND (0.05)	ND (0.05) J	ND (0.05)	0.0074 J	**0.056 J**	ND (0.05)	**0.068 J**	**0.12 J**	**0.019 J**	ND (0.05) J	0.0051 J	---	ND (0.05)	ND (0.05) J	ND (0.05) R
Methoxychlor	30	µg/L	ND (0.5) J	ND (0.5)	ND (0.5) J	ND (0.5)	ND (0.5) R	ND (0.5) R	ND (0.5)	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	ND (0.5) J	---	ND (0.5)	ND (0.5) J	ND (0.5) R
Toxaphene	3	µg/L	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5) R	ND (5) R	ND (5)	ND (5) J	ND (5) R	ND (5) J	ND (5) J	ND (5) J	---	ND (5)	ND (5) J	ND (5) R
Dioxins/Furans (1)																		
1,2,3,4,6,7,8-HpCDD	45	pg/L	ND (1.51)	ND (1.52)	ND (1.22)	ND (1.48)	ND (0.702)	ND (0.69)	ND (0.952)	ND (1.09)	ND (1.32)	ND (1.16)	ND (1.76)	ND (0.906)	---	ND (2.1)	ND (1.55)	ND (0.688)
1,2,3,4,6,7,8-HpCDF	45	pg/L	ND (0.982)	ND (0.742)	ND (0.861)	ND (0.777)	ND (0.449)	ND (0.484)	ND (0.47)	ND (1.25)	ND (0.663)	ND (0.826)	ND (0.869)	ND (0.92)	---	ND (0.888)	ND (0.725)	ND (0.684)
1,2,3,4,7,8,9-HpCDF	45	pg/L	ND (1.44)	ND (1.1)	ND (1.22)	ND (1.42)	ND (0.637)	ND (0.665)	ND (0.682)	ND (1.84)	ND (1.02)	ND (1.29)	ND (1.28)	ND (1.32)	---	ND (1.44)	ND (1.14)	ND (0.964)
1,2,3,4,7,8-HxCDD	4.5	pg/L	ND (1.6)	ND (2.84)	ND (2.12)	ND (1.43)	ND (0.915)	ND (1.12)	ND (0.856)	ND (1.9)	ND (1.85)	ND (1.42)	ND (1.42)	ND (1.62)	---	ND (2.45)	ND (1.1)	ND (1.25)
1,2,3,4,7,8-HxCDF	4.5	pg/L	ND (0.848)	ND (0.638)	ND (0.448)	ND (0.385)	ND (0.412)	ND (0.245)	ND (0.267)	ND (0.629)	ND (0.452)	ND (0.357)	ND (0.365)	ND (0.489)	---	ND (0.689)	ND (0.707)	ND (0.348)
1,2,3,6,7,8-HxCDD	4.5	pg/L	ND (1.57)	ND (2.66)	ND (2.04)	ND (1.43)	ND (0.918)	ND (1.1)	ND (0.872)	ND (1.84)	ND (1.81)	ND (1.39)	ND (1.33)	ND (1.59)	---	ND (2.25)	ND (1.07)	ND (1.2)
1,2,3,6,7,8-HxCDF	4.5	pg/L	ND (0.892)	ND (0.698)	ND (0.465)	ND (0.417)	ND (0.428)	ND (0.258)	ND (0.282)	ND (0.677)	ND (0.488)	ND (0.348)	ND (0.397)	ND (0.528)	---	ND (0.742)	ND (0.747)	ND (0.385)
1,2,3,7,8,9-HxCDD	4.5	pg/L	ND (1.9)	ND (3.2)	ND (2.5)	ND (1.73)	ND (1.1)	ND (1.33)	ND (1.04)	ND (2.22)	ND (2.17)	ND (1.68)	ND (1.61)	ND (1.91)	---	ND (2.82)	ND (1.32)	ND (1.45)
1,2,3,7,8,9-HxCDF	4.5	pg/L	ND (0.997)	ND (0.769)	ND (0.465)	ND (0.502)	ND (0.432)	ND (0.279)	ND (0.306)	ND (0.756)	ND (0.545)	ND (0.405)	ND (0.443)	ND (0.502)	---	ND (0.745)	ND (0.806)	ND (0.376)
1,2,3,7,8-PeCDD	0.45	pg/L	ND (1.16)	ND (1.42)	ND (0.733)	ND (1.06)	ND (0.785)	ND (0.92)	ND (0.505)	ND (1.01)	ND (1.11)	ND (0.763)	ND (0.71)	ND (0.722)	---	ND (1.28)	ND (0.952)	ND (0.564)
1,2,3,7,8-PeCDF	9	pg/L	ND (1.17)	ND (1.19)	ND (1.47)	ND (1.07)	ND (0.959)	ND (0.992)	ND (1.13)	ND (1.16)	ND (0.964)	ND (0.933)	ND (0.94)	ND (1.1)	---	ND (1.7)	ND (1.52)	ND (0.989)
2,3,4,6,7,8-HxCDF	4.5	pg/L	ND (0.966)	ND (0.75)	ND (0.467)	ND (0.436)	ND (0.443)	ND (0.266)	ND (0.302)	ND (0.753)	ND (0.511)	ND (0.398)	ND (0.406)	ND (0.512)	---	ND (0.711)	ND (0.756)	ND (0.382)
2,3,4,7,8-PeCDF	0.9	pg/L	ND (1.15)	ND (1.29)	ND (1.53)	ND (1.08)	ND (0.989)	ND (1.03)	ND (1.12)	ND (1.26)	ND (1.09)	ND (0.996)	ND (0.993)	ND (1.09)	---	ND (1.55)	ND (1.52)	ND (1.01)
2,3,7,8-TCDD	0.45	pg/L	ND (0.486)	ND (0.67)	ND (0.555)	ND (0.676)	ND (0.69)	ND (0.538)	ND (0.494)	ND (0.609)	ND (0.676)	ND (0.573)	ND (0.608)	ND (0.84)	---	ND (1.13)	ND (0.693)	ND (0.446)
2,3,7,8-TCDF	4.5	pg/L	ND (0.573)	ND (0.712)	ND (0.729)	ND (0.531)	ND (0.685)	ND (0.433)	ND (0.573)	ND (0.519)	ND (0.513)	ND (0.521)	ND (0.547)	ND (0.563)	---	ND (1.24)	ND (0.492)	ND (0.459)
OCDD	4,500	pg/L	ND (3.63)	ND (2.61)	ND (1.83)	ND (2.15)	ND (2.29)	ND (2.4)	ND (1.6)	ND (1.74)	ND (3.86)	ND (2.88)	ND (2.7)	3.95 J	---	6.66 J	ND (2.83)	ND (1.83)
OCDF	4,500	pg/L	ND (3.72)	ND (4.33)	ND (3.93)	ND (2.85)	ND (2.36)	ND (1.53)	ND (2.14)	ND (4.56)	ND (4.45)	ND (4.37)	ND (3.65)	ND (3.34)	---	ND (3.23)	ND (2.81)	ND (2.49)
Total Dioxin Toxicity equivalent	0.45	pg/L	ND (1.63)	ND (2.03)	ND (1.54)	ND (1.53)	ND (1.28)	ND (1.27)	ND (1.04)	ND (1.64)	ND (1.62)	ND (1.28)	ND (1.28)	1.48 J	---	2.24 J	ND (1.61)	ND (1.09)
Anions																		
Chloride	NA	mg/L	22	85	33	85	780	780	75	180	180	3,900	520	370	---	59	9,900	6,300
Nitrate as Nitrogen	NA	mg/L	0.28	6.8	2.4	1.5	ND (0.1)	0.25	13	26	26	ND (0.1)	1	0.36	---	4	0.25	0.28
Nitrite as Nitrogen	NA	mg/L	ND (0.1)	0.31	ND (0.1)	ND (0.2)	ND (2)	ND (2)	ND (0.2)	ND (0.5)	ND (0.5)	ND (10)	ND (1)	ND (1)	---	0.06 J	ND (20)	ND (10)
Sulfate	NA	mg/L	45	410	35	280	8,700	8,500	170	2,400	2,600	21,000	88	37	---	180	1,600	6,400
Dissolved Gases																		
Ethane	NA	µg/L	ND (1.1)	ND (1.1)	1.4	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)	0.9 J	530	380	ND (1.1)	ND (1.1)	ND (1.1)
Ethene	NA	µg/L	ND (1)	ND (1)	ND (1)	0.6 J	ND (1)	ND (1)	ND (1)	0.7 J	ND (1)	1.5	ND (1)	1,900	1,600	ND (1)	ND (1)	ND (1)
Methane	NA	µg/L	6.9	5.4	930	44	11	12	91	610	560	290	57	6,800	5,700	33	530	100

Notes:
Results greater than the screening level are bolded.
Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Groundwater Screening Level table for source of screening levels.
In cases where target analytes are reported from more than one method or from multiple dilutions, the most conservative result or reporting limit is presented; that is, the values presented represent either the maximum positive result or the minimum reporting limit selected from the available data.

NA not applicable
NDRI not detected in groundwater during the Remedial Investigation phase
--- not analyzed
FD field duplicate
µg/L micrograms per liter
mg/L milligrams per liter
pg/L picograms per liter
ND not detected above the laboratory's reporting limit shown in parentheses
J estimated value
J+ estimated value, possible high bias
R rejected for failure to meet quality control requirements
J- estimated value, low bias

TABLE E12
Summary of Dioxins - Groundwater, Third Quarter 2006 (September)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
BMW-01	**9/22/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (0.988)	0.01	0.00	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.4)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.551)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (1.55)	0.1	0.08	pg/L
1,2,3,4,7,8-HxCDF		ND (0.365)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (1.59)	0.1	0.08	pg/L
1,2,3,6,7,8-HxCDF		ND (0.396)	0.1	0.02	pg/L
1,2,3,7,8,9-HxCDD		ND (1.91)	0.1	0.10	pg/L
1,2,3,7,8,9-HxCDF		ND (0.39)	0.1	0.02	pg/L
1,2,3,7,8-PeCDD		ND (0.412)	1	0.21	pg/L
1,2,3,7,8-PeCDF		ND (1.22)	0.05	0.03	pg/L
2,3,4,6,7,8-HxCDF		ND (0.401)	0.1	0.02	pg/L
2,3,4,7,8-PeCDF		ND (1.21)	0.5	0.30	pg/L
2,3,7,8-TCDD		ND (0.644)	1	0.32	pg/L
2,3,7,8-TCDF		ND (0.586)	0.1	0.03	pg/L
OCDD		ND (1.7)	0.0001	0.00	pg/L
OCDF		ND (1.78)	0.0001	0.00	pg/L
TEQ				**ND (1.2)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

TABLE E12
Summary of Dioxins - Groundwater, Third Quarter 2006 (September)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
BMW-03	**9/22/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (0.657)	0.01	0.00	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.506)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.677)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (1.06)	0.1	0.05	pg/L
1,2,3,4,7,8-HxCDF		ND (0.345)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (1.09)	0.1	0.05	pg/L
1,2,3,6,7,8-HxCDF		ND (0.361)	0.1	0.02	pg/L
1,2,3,7,8,9-HxCDD		ND (1.31)	0.1	0.07	pg/L
1,2,3,7,8,9-HxCDF		ND (0.383)	0.1	0.02	pg/L
1,2,3,7,8-PeCDD		ND (0.435)	1	0.22	pg/L
1,2,3,7,8-PeCDF		ND (1.22)	0.05	0.03	pg/L
2,3,4,6,7,8-HxCDF		ND (0.379)	0.1	0.02	pg/L
2,3,4,7,8-PeCDF		ND (1.24)	0.5	0.31	pg/L
2,3,7,8-TCDD		ND (0.571)	1	0.29	pg/L
2,3,7,8-TCDF		ND (0.507)	0.1	0.03	pg/L
OCDD		ND (1.31)	0.0001	0.00	pg/L
OCDF		ND (2.39)	0.0001	0.00	pg/L
TEQ				**ND (1.1)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

TABLE E12
Summary of Dioxins - Groundwater, Third Quarter 2006 (September)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
BMW-06	**9/20/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (1.47)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (1.01)	0.01	0.01	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.56)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (2.04)	0.1	0.10	pg/L
1,2,3,4,7,8-HxCDF		ND (0.857)	0.1	0.04	pg/L
1,2,3,6,7,8-HxCDD		ND (1.96)	0.1	0.10	pg/L
1,2,3,6,7,8-HxCDF		ND (0.912)	0.1	0.05	pg/L
1,2,3,7,8,9-HxCDD		ND (2.35)	0.1	0.12	pg/L
1,2,3,7,8,9-HxCDF		ND (1.02)	0.1	0.05	pg/L
1,2,3,7,8-PeCDD		ND (1.11)	1	0.56	pg/L
1,2,3,7,8-PeCDF		ND (1.15)	0.05	0.03	pg/L
2,3,4,6,7,8-HxCDF		ND (0.939)	0.1	0.05	pg/L
2,3,4,7,8-PeCDF		ND (1.17)	0.5	0.29	pg/L
2,3,7,8-TCDD		ND (0.85)	1	0.43	pg/L
2,3,7,8-TCDF		ND (0.674)	0.1	0.03	pg/L
OCDD		ND (3.41)	0.0001	0.00	pg/L
OCDF		ND (4.05)	0.0001	0.00	pg/L
TEQ				**ND (1.9)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

TABLE E12
Summary of Dioxins - Groundwater, Third Quarter 2006 (September)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
BMW-07	**9/26/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (0.493)	0.01	0.00	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.362)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.502)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (1.26)	0.1	0.06	pg/L
1,2,3,4,7,8-HxCDF		ND (0.263)	0.1	0.01	pg/L
1,2,3,6,7,8-HxCDD		ND (1.32)	0.1	0.07	pg/L
1,2,3,6,7,8-HxCDF		ND (0.29)	0.1	0.01	pg/L
1,2,3,7,8,9-HxCDD		ND (1.58)	0.1	0.08	pg/L
1,2,3,7,8,9-HxCDF		ND (0.291)	0.1	0.01	pg/L
1,2,3,7,8-PeCDD		ND (0.424)	1	0.21	pg/L
1,2,3,7,8-PeCDF		ND (1.02)	0.05	0.03	pg/L
2,3,4,6,7,8-HxCDF		ND (0.297)	0.1	0.01	pg/L
2,3,4,7,8-PeCDF		ND (1.05)	0.5	0.26	pg/L
2,3,7,8-TCDD		ND (0.463)	1	0.23	pg/L
2,3,7,8-TCDF		ND (0.444)	0.1	0.02	pg/L
OCDD		ND (2.03)	0.0001	0.00	pg/L
OCDF		ND (1.97)	0.0001	0.00	pg/L
TEQ				**ND (1.0)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

TABLE E12
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
BMW-08	**9/26/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (0.871)	0.01	0.00	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.602)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.833)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (0.942)	0.1	0.05	pg/L
1,2,3,4,7,8-HxCDF		ND (0.442)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (0.987)	0.1	0.05	pg/L
1,2,3,6,7,8-HxCDF		ND (0.477)	0.1	0.02	pg/L
1,2,3,7,8,9-HxCDD		ND (1.18)	0.1	0.06	pg/L
1,2,3,7,8,9-HxCDF		ND (0.445)	0.1	0.02	pg/L
1,2,3,7,8-PeCDD		ND (0.468)	1	0.23	pg/L
1,2,3,7,8-PeCDF		ND (0.988)	0.05	0.02	pg/L
2,3,4,6,7,8-HxCDF		ND (0.46)	0.1	0.02	pg/L
2,3,4,7,8-PeCDF		ND (1.05)	0.5	0.26	pg/L
2,3,7,8-TCDD		ND (0.602)	1	0.30	pg/L
2,3,7,8-TCDF		ND (0.61)	0.1	0.03	pg/L
OCDD		5.76 J	0.0001	0.00	pg/L
OCDF		ND (2.71)	0.0001	0.00	pg/L
TEQ				**1.1**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

TABLE E12
Summary of Dioxins - Groundwater, Third Quarter 2006 (September)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
BPZ-01	**9/27/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		2.92 J	0.01	0.03	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.94)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.46)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (2.21)	0.1	0.11	pg/L
1,2,3,4,7,8-HxCDF		ND (0.515)	0.1	0.03	pg/L
1,2,3,6,7,8-HxCDD		ND (2.27)	0.1	0.11	pg/L
1,2,3,6,7,8-HxCDF		ND (0.533)	0.1	0.03	pg/L
1,2,3,7,8,9-HxCDD		ND (2.76)	0.1	0.14	pg/L
1,2,3,7,8,9-HxCDF		ND (0.533)	0.1	0.03	pg/L
1,2,3,7,8-PeCDD		ND (1.66)	1	0.83	pg/L
1,2,3,7,8-PeCDF		ND (1.15)	0.05	0.03	pg/L
2,3,4,6,7,8-HxCDF		ND (0.522)	0.1	0.03	pg/L
2,3,4,7,8-PeCDF		ND (1.08)	0.5	0.27	pg/L
2,3,7,8-TCDD		ND (0.906)	1	0.45	pg/L
2,3,7,8-TCDF		ND (0.456)	0.1	0.02	pg/L
OCDD		21.6 J	0.0001	0.00	pg/L
OCDF		ND (2.9)	0.0001	0.00	pg/L
TEQ				**2.1**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

TABLE E12
Summary of Dioxins - Groundwater, Third Quarter 2006 (September)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
MW-12	**9/28/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (1.04)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.555)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.79)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (1.29)	0.1	0.06	pg/L
1,2,3,4,7,8-HxCDF		ND (0.342)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (1.26)	0.1	0.06	pg/L
1,2,3,6,7,8-HxCDF		ND (0.351)	0.1	0.02	pg/L
1,2,3,7,8,9-HxCDD		ND (1.53)	0.1	0.08	pg/L
1,2,3,7,8,9-HxCDF		ND (0.347)	0.1	0.02	pg/L
1,2,3,7,8-PeCDD		ND (0.92)	1	0.46	pg/L
1,2,3,7,8-PeCDF		ND (0.794)	0.05	0.02	pg/L
2,3,4,6,7,8-HxCDF		ND (0.358)	0.1	0.02	pg/L
2,3,4,7,8-PeCDF		ND (0.831)	0.5	0.21	pg/L
2,3,7,8-TCDD		ND (0.675)	1	0.34	pg/L
2,3,7,8-TCDF		ND (0.353)	0.1	0.02	pg/L
OCDD		8.22 J	0.0001	0.00	pg/L
OCDF		ND (1.83)	0.0001	0.00	pg/L
TEQ				**1.3**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

TABLE E12
Summary of Dioxins - Groundwater, Third Quarter 2006 (September)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-01-17	**9/28/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		9.12 J	0.01	0.09	pg/L
1,2,3,4,6,7,8-HpCDF		2.49 J	0.01	0.02	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.487)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (2.27)	0.1	0.11	pg/L
1,2,3,4,7,8-HxCDF		ND (0.673)	0.1	0.03	pg/L
1,2,3,6,7,8-HxCDD		ND (2.27)	0.1	0.11	pg/L
1,2,3,6,7,8-HxCDF		ND (0.695)	0.1	0.03	pg/L
1,2,3,7,8,9-HxCDD		ND (2.79)	0.1	0.14	pg/L
1,2,3,7,8,9-HxCDF		ND (0.701)	0.1	0.04	pg/L
1,2,3,7,8-PeCDD		ND (0.989)	1	0.49	pg/L
1,2,3,7,8-PeCDF		ND (1.26)	0.05	0.03	pg/L
2,3,4,6,7,8-HxCDF		ND (0.725)	0.1	0.04	pg/L
2,3,4,7,8-PeCDF		ND (1.24)	0.5	0.31	pg/L
2,3,7,8-TCDD		ND (0.79)	1	0.40	pg/L
2,3,7,8-TCDF		ND (0.613)	0.1	0.03	pg/L
OCDD		144	0.0001	0.01	pg/L
OCDF		19.6 J	0.0001	0.00	pg/L
TEQ				**1.9**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

TABLE E12
Summary of Dioxins - Groundwater, Third Quarter 2006 (September)
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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-01-35	**9/28/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (0.892)	0.01	0.00	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.913)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.38)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (1.64)	0.1	0.08	pg/L
1,2,3,4,7,8-HxCDF		ND (0.572)	0.1	0.03	pg/L
1,2,3,6,7,8-HxCDD		ND (1.59)	0.1	0.08	pg/L
1,2,3,6,7,8-HxCDF		ND (0.591)	0.1	0.03	pg/L
1,2,3,7,8,9-HxCDD		ND (1.96)	0.1	0.10	pg/L
1,2,3,7,8,9-HxCDF		ND (0.612)	0.1	0.03	pg/L
1,2,3,7,8-PeCDD		ND (1.31)	1	0.65	pg/L
1,2,3,7,8-PeCDF		ND (1.24)	0.05	0.03	pg/L
2,3,4,6,7,8-HxCDF		ND (0.614)	0.1	0.03	pg/L
2,3,4,7,8-PeCDF		ND (1.17)	0.5	0.29	pg/L
2,3,7,8-TCDD		ND (1.16)	1	0.58	pg/L
2,3,7,8-TCDF		ND (0.545)	0.1	0.03	pg/L
OCDD		ND (2.44)	0.0001	0.00	pg/L
OCDF		ND (2.19)	0.0001	0.00	pg/L
TEQ				**ND (2.0)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-02-13	**9/29/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		390	0.01	3.90	pg/L
1,2,3,4,6,7,8-HpCDF		53.6	0.01	0.54	pg/L
1,2,3,4,7,8,9-HpCDF		ND (3.76)	0.01	0.02	pg/L
1,2,3,4,7,8-HxCDD		ND (5.78)	0.1	0.29	pg/L
1,2,3,4,7,8-HxCDF		ND (3.49)	0.1	0.17	pg/L
1,2,3,6,7,8-HxCDD		5.64 J	0.1	0.56	pg/L
1,2,3,6,7,8-HxCDF		ND (3.52)	0.1	0.18	pg/L
1,2,3,7,8,9-HxCDD		ND (6.6)	0.1	0.33	pg/L
1,2,3,7,8,9-HxCDF		ND (3.73)	0.1	0.19	pg/L
1,2,3,7,8-PeCDD		ND (3.52)	1	1.76	pg/L
1,2,3,7,8-PeCDF		ND (11.6)	0.05	0.29	pg/L
2,3,4,6,7,8-HxCDF		ND (4.15)	0.1	0.21	pg/L
2,3,4,7,8-PeCDF		ND (8.77)	0.5	2.19	pg/L
2,3,7,8-TCDD		ND (1.3)	1	0.65	pg/L
2,3,7,8-TCDF		ND (3.05)	0.1	0.15	pg/L
OCDD		9070	0.0001	0.91	pg/L
OCDF		305	0.0001	0.03	pg/L
TEQ				**12**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-02-32	**9/29/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (2.54)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.765)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.983)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (2.59)	0.1	0.13	pg/L
1,2,3,4,7,8-HxCDF		ND (0.547)	0.1	0.03	pg/L
1,2,3,6,7,8-HxCDD		ND (2.6)	0.1	0.13	pg/L
1,2,3,6,7,8-HxCDF		ND (0.568)	0.1	0.03	pg/L
1,2,3,7,8,9-HxCDD		ND (3.09)	0.1	0.15	pg/L
1,2,3,7,8,9-HxCDF		ND (0.524)	0.1	0.03	pg/L
1,2,3,7,8-PeCDD		ND (0.94)	1	0.47	pg/L
1,2,3,7,8-PeCDF		ND (2.89)	0.05	0.07	pg/L
2,3,4,6,7,8-HxCDF		ND (0.602)	0.1	0.03	pg/L
2,3,4,7,8-PeCDF		ND (1.76)	0.5	0.44	pg/L
2,3,7,8-TCDD		ND (0.763)	1	0.38	pg/L
2,3,7,8-TCDF		ND (0.787)	0.1	0.04	pg/L
OCDD		10.2 J	0.0001	0.00	pg/L
OCDF		ND (2.58)	0.0001	0.00	pg/L
TEQ				**2.0**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-02-50	**9/29/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (2.8)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.851)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.23)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (1.87)	0.1	0.09	pg/L
1,2,3,4,7,8-HxCDF		ND (0.411)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (1.81)	0.1	0.09	pg/L
1,2,3,6,7,8-HxCDF		ND (0.435)	0.1	0.02	pg/L
1,2,3,7,8,9-HxCDD		ND (2.23)	0.1	0.11	pg/L
1,2,3,7,8,9-HxCDF		ND (0.448)	0.1	0.02	pg/L
1,2,3,7,8-PeCDD		ND (0.81)	1	0.41	pg/L
1,2,3,7,8-PeCDF		ND (1.64)	0.05	0.04	pg/L
2,3,4,6,7,8-HxCDF		ND (0.462)	0.1	0.02	pg/L
2,3,4,7,8-PeCDF		ND (1.69)	0.5	0.42	pg/L
2,3,7,8-TCDD		ND (0.859)	1	0.43	pg/L
2,3,7,8-TCDF		ND (0.711)	0.1	0.04	pg/L
OCDD		9.5 J	0.0001	0.00	pg/L
OCDF		ND (3.03)	0.0001	0.00	pg/L
TEQ				**1.7**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-03-15	**9/29/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (2.22)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.574)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.848)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (1.84)	0.1	0.09	pg/L
1,2,3,4,7,8-HxCDF		ND (0.434)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (1.88)	0.1	0.09	pg/L
1,2,3,6,7,8-HxCDF		ND (0.461)	0.1	0.02	pg/L
1,2,3,7,8,9-HxCDD		ND (2.3)	0.1	0.11	pg/L
1,2,3,7,8,9-HxCDF		ND (0.468)	0.1	0.02	pg/L
1,2,3,7,8-PeCDD		ND (0.733)	1	0.37	pg/L
1,2,3,7,8-PeCDF		ND (1.88)	0.05	0.05	pg/L
2,3,4,6,7,8-HxCDF		ND (0.501)	0.1	0.03	pg/L
2,3,4,7,8-PeCDF		ND (1.96)	0.5	0.49	pg/L
2,3,7,8-TCDD		ND (0.549)	1	0.27	pg/L
2,3,7,8-TCDF		ND (1.05)	0.1	0.05	pg/L
OCDD		ND (4.1)	0.0001	0.00	pg/L
OCDF		ND (3.87)	0.0001	0.00	pg/L
TEQ				**ND (1.6)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-04-15	**9/22/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (0.711)	0.01	0.00	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.407)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.583)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (1.53)	0.1	0.08	pg/L
1,2,3,4,7,8-HxCDF		ND (0.37)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (1.57)	0.1	0.08	pg/L
1,2,3,6,7,8-HxCDF		ND (0.408)	0.1	0.02	pg/L
1,2,3,7,8,9-HxCDD		ND (1.9)	0.1	0.09	pg/L
1,2,3,7,8,9-HxCDF		ND (0.423)	0.1	0.02	pg/L
1,2,3,7,8-PeCDD		ND (0.392)	1	0.20	pg/L
1,2,3,7,8-PeCDF		ND (0.947)	0.05	0.02	pg/L
2,3,4,6,7,8-HxCDF		ND (0.415)	0.1	0.02	pg/L
2,3,4,7,8-PeCDF		ND (0.961)	0.5	0.24	pg/L
2,3,7,8-TCDD		ND (0.559)	1	0.28	pg/L
2,3,7,8-TCDF		ND (0.437)	0.1	0.02	pg/L
OCDD		ND (2.7)	0.0001	0.00	pg/L
OCDF		ND (2.14)	0.0001	0.00	pg/L
TEQ				**ND (1.1)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-05-15	**9/22/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (0.863)	0.01	0.00	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.419)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.58)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (0.854)	0.1	0.04	pg/L
1,2,3,4,7,8-HxCDF		ND (0.535)	0.1	0.03	pg/L
1,2,3,6,7,8-HxCDD		ND (0.879)	0.1	0.04	pg/L
1,2,3,6,7,8-HxCDF		ND (0.57)	0.1	0.03	pg/L
1,2,3,7,8,9-HxCDD		ND (1.05)	0.1	0.05	pg/L
1,2,3,7,8,9-HxCDF		ND (0.585)	0.1	0.03	pg/L
1,2,3,7,8-PeCDD		ND (0.454)	1	0.23	pg/L
1,2,3,7,8-PeCDF		ND (1.08)	0.05	0.03	pg/L
2,3,4,6,7,8-HxCDF		ND (0.584)	0.1	0.03	pg/L
2,3,4,7,8-PeCDF		ND (1.08)	0.5	0.27	pg/L
2,3,7,8-TCDD		ND (0.447)	1	0.22	pg/L
2,3,7,8-TCDF		ND (0.511)	0.1	0.03	pg/L
OCDD		ND (1.72)	0.0001	0.00	pg/L
OCDF		ND (2.36)	0.0001	0.00	pg/L
TEQ				**ND (1.0)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-06-15	**9/19/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (1.3)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.532)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.801)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (1.43)	0.1	0.07	pg/L
1,2,3,4,7,8-HxCDF		ND (0.522)	0.1	0.03	pg/L
1,2,3,6,7,8-HxCDD		ND (1.48)	0.1	0.07	pg/L
1,2,3,6,7,8-HxCDF		ND (0.537)	0.1	0.03	pg/L
1,2,3,7,8,9-HxCDD		ND (1.8)	0.1	0.09	pg/L
1,2,3,7,8,9-HxCDF		ND (0.582)	0.1	0.03	pg/L
1,2,3,7,8-PeCDD		ND (1.05)	1	0.52	pg/L
1,2,3,7,8-PeCDF		ND (0.996)	0.05	0.02	pg/L
2,3,4,6,7,8-HxCDF		ND (0.596)	0.1	0.03	pg/L
2,3,4,7,8-PeCDF		ND (1.06)	0.5	0.26	pg/L
2,3,7,8-TCDD		ND (0.722)	1	0.36	pg/L
2,3,7,8-TCDF		ND (0.475)	0.1	0.02	pg/L
OCDD		8.42 J	0.0001	0.00	pg/L
OCDF		ND (2.73)	0.0001	0.00	pg/L
TEQ				**1.6**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-07-15	**9/18/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (1.51)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.982)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.44)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (1.6)	0.1	0.08	pg/L
1,2,3,4,7,8-HxCDF		ND (0.848)	0.1	0.04	pg/L
1,2,3,6,7,8-HxCDD		ND (1.57)	0.1	0.08	pg/L
1,2,3,6,7,8-HxCDF		ND (0.892)	0.1	0.04	pg/L
1,2,3,7,8,9-HxCDD		ND (1.9)	0.1	0.09	pg/L
1,2,3,7,8,9-HxCDF		ND (0.997)	0.1	0.05	pg/L
1,2,3,7,8-PeCDD		ND (1.16)	1	0.58	pg/L
1,2,3,7,8-PeCDF		ND (1.17)	0.05	0.03	pg/L
2,3,4,6,7,8-HxCDF		ND (0.966)	0.1	0.05	pg/L
2,3,4,7,8-PeCDF		ND (1.15)	0.5	0.29	pg/L
2,3,7,8-TCDD		ND (0.486)	1	0.24	pg/L
2,3,7,8-TCDF		ND (0.573)	0.1	0.03	pg/L
OCDD		ND (3.63)	0.0001	0.00	pg/L
OCDF		ND (3.72)	0.0001	0.00	pg/L
TEQ				**ND (1.6)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-07-35	**9/18/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (1.52)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.742)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.1)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (2.84)	0.1	0.14	pg/L
1,2,3,4,7,8-HxCDF		ND (0.638)	0.1	0.03	pg/L
1,2,3,6,7,8-HxCDD		ND (2.66)	0.1	0.13	pg/L
1,2,3,6,7,8-HxCDF		ND (0.698)	0.1	0.03	pg/L
1,2,3,7,8,9-HxCDD		ND (3.2)	0.1	0.16	pg/L
1,2,3,7,8,9-HxCDF		ND (0.769)	0.1	0.04	pg/L
1,2,3,7,8-PeCDD		ND (1.42)	1	0.71	pg/L
1,2,3,7,8-PeCDF		ND (1.19)	0.05	0.03	pg/L
2,3,4,6,7,8-HxCDF		ND (0.75)	0.1	0.04	pg/L
2,3,4,7,8-PeCDF		ND (1.29)	0.5	0.32	pg/L
2,3,7,8-TCDD		ND (0.67)	1	0.34	pg/L
2,3,7,8-TCDF		ND (0.712)	0.1	0.04	pg/L
OCDD		ND (2.61)	0.0001	0.00	pg/L
OCDF		ND (4.33)	0.0001	0.00	pg/L
TEQ				**ND (2.0)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-08-15	**9/29/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (1.22)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.861)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.22)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (2.12)	0.1	0.11	pg/L
1,2,3,4,7,8-HxCDF		ND (0.448)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (2.04)	0.1	0.10	pg/L
1,2,3,6,7,8-HxCDF		ND (0.465)	0.1	0.02	pg/L
1,2,3,7,8,9-HxCDD		ND (2.5)	0.1	0.13	pg/L
1,2,3,7,8,9-HxCDF		ND (0.465)	0.1	0.02	pg/L
1,2,3,7,8-PeCDD		ND (0.733)	1	0.37	pg/L
1,2,3,7,8-PeCDF		ND (1.47)	0.05	0.04	pg/L
2,3,4,6,7,8-HxCDF		ND (0.467)	0.1	0.02	pg/L
2,3,4,7,8-PeCDF		ND (1.53)	0.5	0.38	pg/L
2,3,7,8-TCDD		ND (0.555)	1	0.28	pg/L
2,3,7,8-TCDF		ND (0.729)	0.1	0.04	pg/L
OCDD		ND (1.83)	0.0001	0.00	pg/L
OCDF		ND (3.93)	0.0001	0.00	pg/L
TEQ				**ND (1.5)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-08-35	**9/27/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (1.48)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.777)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.42)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (1.43)	0.1	0.07	pg/L
1,2,3,4,7,8-HxCDF		ND (0.385)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (1.43)	0.1	0.07	pg/L
1,2,3,6,7,8-HxCDF		ND (0.417)	0.1	0.02	pg/L
1,2,3,7,8,9-HxCDD		ND (1.73)	0.1	0.09	pg/L
1,2,3,7,8,9-HxCDF		ND (0.502)	0.1	0.03	pg/L
1,2,3,7,8-PeCDD		ND (1.06)	1	0.53	pg/L
1,2,3,7,8-PeCDF		ND (1.07)	0.05	0.03	pg/L
2,3,4,6,7,8-HxCDF		ND (0.436)	0.1	0.02	pg/L
2,3,4,7,8-PeCDF		ND (1.08)	0.5	0.27	pg/L
2,3,7,8-TCDD		ND (0.676)	1	0.34	pg/L
2,3,7,8-TCDF		ND (0.531)	0.1	0.03	pg/L
OCDD		ND (2.15)	0.0001	0.00	pg/L
OCDF		ND (2.85)	0.0001	0.00	pg/L
TEQ				**ND (1.5)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**
RMW-09-15	**9/25/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDF		ND (0.449)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.637)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (0.915)	0.1	0.05	pg/L
1,2,3,6,7,8-HxCDD		ND (0.918)	0.1	0.05	pg/L
1,2,3,7,8,9-HxCDD		ND (1.1)	0.1	0.06	pg/L
1,2,3,7,8-PeCDD		ND (0.785)	1	0.39	pg/L
1,2,3,7,8-PeCDF		ND (0.959)	0.05	0.02	pg/L
2,3,4,7,8-PeCDF		ND (0.989)	0.5	0.25	pg/L
OCDD		ND (2.29)	0.0001	0.00	pg/L
TEQ				**ND (0.82)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-09-15 (Field Duplicate)	**9/25/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (0.69)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDF		ND (0.245)	0.1	0.01	pg/L
1,2,3,6,7,8-HxCDF		ND (0.258)	0.1	0.01	pg/L
1,2,3,7,8,9-HxCDF		ND (0.279)	0.1	0.01	pg/L
2,3,4,6,7,8-HxCDF		ND (0.266)	0.1	0.01	pg/L
2,3,7,8-TCDD		ND (0.538)	1	0.27	pg/L
2,3,7,8-TCDF		ND (0.433)	0.1	0.02	pg/L
OCDF		ND (1.53)	0.0001	0.00	pg/L
TEQ				**ND (0.35)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**
RMW-09-35	**9/25/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (0.952)	0.01	0.00	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.47)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.682)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (0.856)	0.1	0.04	pg/L
1,2,3,4,7,8-HxCDF		ND (0.267)	0.1	0.01	pg/L
1,2,3,6,7,8-HxCDD		ND (0.872)	0.1	0.04	pg/L
1,2,3,6,7,8-HxCDF		ND (0.282)	0.1	0.01	pg/L
1,2,3,7,8,9-HxCDD		ND (1.04)	0.1	0.05	pg/L
1,2,3,7,8,9-HxCDF		ND (0.306)	0.1	0.02	pg/L
1,2,3,7,8-PeCDD		ND (0.505)	1	0.25	pg/L
1,2,3,7,8-PeCDF		ND (1.13)	0.05	0.03	pg/L
2,3,4,6,7,8-HxCDF		ND (0.302)	0.1	0.02	pg/L
2,3,4,7,8-PeCDF		ND (1.12)	0.5	0.28	pg/L
2,3,7,8-TCDD		ND (0.494)	1	0.25	pg/L
2,3,7,8-TCDF		ND (0.573)	0.1	0.03	pg/L
OCDD		ND (1.6)	0.0001	0.00	pg/L
OCDF		ND (2.14)	0.0001	0.00	pg/L
TEQ				**ND (1.0)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-10-15	**9/20/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (1.09)	0.01	0.01	pg/L
1,2,3,7,8-PeCDD		ND (1.01)	1	0.50	pg/L
2,3,7,8-TCDD		ND (0.609)	1	0.30	pg/L
OCDD		ND (1.74)	0.0001	0.00	pg/L
TEQ				**ND (0.82)**	**pg/L**
Screening Level (1)				**0.45**	**pg/L**
RMW-10-15 (Field Duplicate)	**9/20/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDF		ND (0.663)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.02)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (1.85)	0.1	0.09	pg/L
1,2,3,4,7,8-HxCDF		ND (0.452)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (1.81)	0.1	0.09	pg/L
1,2,3,6,7,8-HxCDF		ND (0.488)	0.1	0.02	pg/L
1,2,3,7,8,9-HxCDD		ND (2.17)	0.1	0.11	pg/L
1,2,3,7,8,9-HxCDF		ND (0.545)	0.1	0.03	pg/L
1,2,3,7,8-PeCDF		ND (0.964)	0.05	0.02	pg/L
2,3,4,6,7,8-HxCDF		ND (0.511)	0.1	0.03	pg/L
2,3,4,7,8-PeCDF		ND (1.09)	0.5	0.27	pg/L
2,3,7,8-TCDF		ND (0.513)	0.1	0.03	pg/L
OCDF		ND (4.45)	0.0001	0.00	pg/L
TEQ				**ND (0.72)**	**pg/L**
Screening Level (1)				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-10-35	**9/20/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (1.16)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.826)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.29)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (1.42)	0.1	0.07	pg/L
1,2,3,4,7,8-HxCDF		ND (0.357)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (1.39)	0.1	0.07	pg/L
1,2,3,6,7,8-HxCDF		ND (0.348)	0.1	0.02	pg/L
1,2,3,7,8,9-HxCDD		ND (1.68)	0.1	0.08	pg/L
1,2,3,7,8,9-HxCDF		ND (0.405)	0.1	0.02	pg/L
1,2,3,7,8-PeCDD		ND (0.763)	1	0.38	pg/L
1,2,3,7,8-PeCDF		ND (0.933)	0.05	0.02	pg/L
2,3,4,6,7,8-HxCDF		ND (0.398)	0.1	0.02	pg/L
2,3,4,7,8-PeCDF		ND (0.996)	0.5	0.25	pg/L
2,3,7,8-TCDD		ND (0.573)	1	0.29	pg/L
2,3,7,8-TCDF		ND (0.521)	0.1	0.03	pg/L
OCDD		ND (2.88)	0.0001	0.00	pg/L
OCDF		ND (4.37)	0.0001	0.00	pg/L
TEQ				**ND (1.3)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-11-35	**9/19/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (1.76)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.869)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.28)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (1.42)	0.1	0.07	pg/L
1,2,3,4,7,8-HxCDF		ND (0.365)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (1.33)	0.1	0.07	pg/L
1,2,3,6,7,8-HxCDF		ND (0.397)	0.1	0.02	pg/L
1,2,3,7,8,9-HxCDD		ND (1.61)	0.1	0.08	pg/L
1,2,3,7,8,9-HxCDF		ND (0.443)	0.1	0.02	pg/L
1,2,3,7,8-PeCDD		ND (0.71)	1	0.35	pg/L
1,2,3,7,8-PeCDF		ND (0.94)	0.05	0.02	pg/L
2,3,4,6,7,8-HxCDF		ND (0.406)	0.1	0.02	pg/L
2,3,4,7,8-PeCDF		ND (0.993)	0.5	0.25	pg/L
2,3,7,8-TCDD		ND (0.608)	1	0.30	pg/L
2,3,7,8-TCDF		ND (0.547)	0.1	0.03	pg/L
OCDD		ND (2.7)	0.0001	0.00	pg/L
OCDF		ND (3.65)	0.0001	0.00	pg/L
TEQ				**ND (1.3)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-12-32	**9/27/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (0.906)	0.01	0.00	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.92)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.32)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (1.62)	0.1	0.08	pg/L
1,2,3,4,7,8-HxCDF		ND (0.489)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (1.59)	0.1	0.08	pg/L
1,2,3,6,7,8-HxCDF		ND (0.528)	0.1	0.03	pg/L
1,2,3,7,8,9-HxCDD		ND (1.91)	0.1	0.10	pg/L
1,2,3,7,8,9-HxCDF		ND (0.502)	0.1	0.03	pg/L
1,2,3,7,8-PeCDD		ND (0.722)	1	0.36	pg/L
1,2,3,7,8-PeCDF		ND (1.1)	0.05	0.03	pg/L
2,3,4,6,7,8-HxCDF		ND (0.512)	0.1	0.03	pg/L
2,3,4,7,8-PeCDF		ND (1.09)	0.5	0.27	pg/L
2,3,7,8-TCDD		ND (0.84)	1	0.42	pg/L
2,3,7,8-TCDF		ND (0.563)	0.1	0.03	pg/L
OCDD		3.95 J	0.0001	0.00	pg/L
OCDF		ND (3.34)	0.0001	0.00	pg/L
TEQ				**1.5**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-12-51	**9/27/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (2.1)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.888)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.44)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (2.45)	0.1	0.12	pg/L
1,2,3,4,7,8-HxCDF		ND (0.689)	0.1	0.03	pg/L
1,2,3,6,7,8-HxCDD		ND (2.25)	0.1	0.11	pg/L
1,2,3,6,7,8-HxCDF		ND (0.742)	0.1	0.04	pg/L
1,2,3,7,8,9-HxCDD		ND (2.82)	0.1	0.14	pg/L
1,2,3,7,8,9-HxCDF		ND (0.745)	0.1	0.04	pg/L
1,2,3,7,8-PeCDD		ND (1.28)	1	0.64	pg/L
1,2,3,7,8-PeCDF		ND (1.7)	0.05	0.04	pg/L
2,3,4,6,7,8-HxCDF		ND (0.711)	0.1	0.04	pg/L
2,3,4,7,8-PeCDF		ND (1.55)	0.5	0.39	pg/L
2,3,7,8-TCDD		ND (1.13)	1	0.56	pg/L
2,3,7,8-TCDF		ND (1.24)	0.1	0.06	pg/L
OCDD		6.66 J	0.0001	0.00	pg/L
OCDF		ND (3.23)	0.0001	0.00	pg/L
TEQ				**2.2**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-13-35	**9/26/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (1.55)	0.01	0.01	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.725)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (1.14)	0.01	0.01	pg/L
1,2,3,4,7,8-HxCDD		ND (1.1)	0.1	0.06	pg/L
1,2,3,4,7,8-HxCDF		ND (0.707)	0.1	0.04	pg/L
1,2,3,6,7,8-HxCDD		ND (1.07)	0.1	0.05	pg/L
1,2,3,6,7,8-HxCDF		ND (0.747)	0.1	0.04	pg/L
1,2,3,7,8,9-HxCDD		ND (1.32)	0.1	0.07	pg/L
1,2,3,7,8,9-HxCDF		ND (0.806)	0.1	0.04	pg/L
1,2,3,7,8-PeCDD		ND (0.952)	1	0.48	pg/L
1,2,3,7,8-PeCDF		ND (1.52)	0.05	0.04	pg/L
2,3,4,6,7,8-HxCDF		ND (0.756)	0.1	0.04	pg/L
2,3,4,7,8-PeCDF		ND (1.52)	0.5	0.38	pg/L
2,3,7,8-TCDD		ND (0.693)	1	0.35	pg/L
2,3,7,8-TCDF		ND (0.492)	0.1	0.02	pg/L
OCDD		ND (2.83)	0.0001	0.00	pg/L
OCDF		ND (2.81)	0.0001	0.00	pg/L
TEQ				**ND (1.6)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

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Location	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RMW-14-50	**9/25/2006**				
Dioxins/Furans					
1,2,3,4,6,7,8-HpCDD		ND (0.688)	0.01	0.00	pg/L
1,2,3,4,6,7,8-HpCDF		ND (0.684)	0.01	0.00	pg/L
1,2,3,4,7,8,9-HpCDF		ND (0.964)	0.01	0.00	pg/L
1,2,3,4,7,8-HxCDD		ND (1.25)	0.1	0.06	pg/L
1,2,3,4,7,8-HxCDF		ND (0.348)	0.1	0.02	pg/L
1,2,3,6,7,8-HxCDD		ND (1.2)	0.1	0.06	pg/L
1,2,3,6,7,8-HxCDF		ND (0.385)	0.1	0.02	pg/L
1,2,3,7,8,9-HxCDD		ND (1.45)	0.1	0.07	pg/L
1,2,3,7,8,9-HxCDF		ND (0.376)	0.1	0.02	pg/L
1,2,3,7,8-PeCDD		ND (0.564)	1	0.28	pg/L
1,2,3,7,8-PeCDF		ND (0.989)	0.05	0.02	pg/L
2,3,4,6,7,8-HxCDF		ND (0.382)	0.1	0.02	pg/L
2,3,4,7,8-PeCDF		ND (1.01)	0.5	0.25	pg/L
2,3,7,8-TCDD		ND (0.446)	1	0.22	pg/L
2,3,7,8-TCDF		ND (0.459)	0.1	0.02	pg/L
OCDD		ND (1.83)	0.0001	0.00	pg/L
OCDF		ND (2.49)	0.0001	0.00	pg/L
TEQ				**ND (1.1)**	**pg/L**
Screening Level [(1)]				**0.45**	**pg/L**

Notes:
(1) See Groundwater Screening Level table for source of screening level

TEF	Toxicity Equivalency Factor. (EPA, 2000, "Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and Related Compounds. Part II: Health Assessment for 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and Related Compounds," Draft Final, National Center for Environmental Assessment, May).
pg/L	picograms per liter
ND	not detected above the laboratory's reporting limit shown in parentheses
J	estimated value
TEQ	Toxicity Equivalent Concentration

Soil

TABLE E13
Analytical Results - Soil (September - October 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		RSB-01	RSB-01	RSB-02	RSB-03	RSB-03	RSB-04	RSB-04	RSB-04	RSB-04	RSB-05	RSB-05	RSB-06	RSB-06	RSB-07	RSB-08	RSB-10	RSB-10
	Sample Bottom Depth		3 ft bgs	6 ft bgs	3 ft bgs	2 ft bgs	5 ft bgs	3.5 ft bgs	3.5 ft bgs (FD)	7 ft bgs	7 ft bgs (FD)	3 ft bgs	7 ft bgs	3 ft bgs	3 ft bgs (FD)	4.5 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs
	Concrete Thickness		10 inches	10 inches	10 inches	NC	NC	24 inches	24 inches	24 inches	24 inches	11 inches	11 inches	12 inches	12 inches	30 inches	40 inches	4 inches	4 inches
	Sample Date		9/16/2004	9/16/2004	9/15/2004	9/20/2004	9/20/2004	9/24/2004	9/24/2004	9/24/2004	9/24/2004	9/24/2004	9/24/2004	9/30/2004	9/30/2004	9/15/2004	9/15/2004	9/14/2004	9/14/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1-Trichloroethane	1,200,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12) J	7 J	ND (12)	ND (11)	ND (11)	ND (16)
1,1,2,2-Tetrachloroethane	410	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
1,1,2-Trichloroethane	730	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
1,1-Dichloroethane	2,800	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
1,1-Dichloroethene	120,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13) J	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
1,2,4-Trichlorobenzene	62,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
1,2-Dibromo-3-chloropropane	30	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
1,2-Dibromoethane	32	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
1,2-Dichlorobenzene	600,000	µg/kg	13 J	2,200 J	ND (11) J	ND (12)	ND (12)	12 J	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
1,2-Dichloroethane	280	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
1,2-Dichloropropane	340	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
1,3-Dichlorobenzene	530,000	µg/kg	ND (11) J	2 J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
1,4-Dichlorobenzene	3,400	µg/kg	ND (11) J	300 J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
1,4-Dioxane (p-dioxane)	44,000	µg/kg	ND (280) J	ND (310) J	ND (290) J	ND (300) J	ND (310) J	ND (310)	ND (310)	ND (310)	ND (310)	ND (330)	ND (300)	ND (290)	ND (290)	ND (290)	ND (290)	ND (280)	ND (390)
2-Hexanone	NDRI	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Acetone	14,000,000	µg/kg	53 J	75 J	ND (11) J	ND (12) J	ND (12) J	20	43 J	24 J	32 J	ND (13) J	ND (12) J	ND (12) J	ND (12) J	89 J	31 J	30 J	120 J
Benzene	640	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Bromodichloromethane	820	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Bromoform	62,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Bromomethane	3,900	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Carbon disulfide	360,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	3 J	ND (11)	ND (16)
Carbon tetrachloride	250	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Chlorobenzene	150,000	µg/kg	49 J	4,700 J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Chloroethane	3,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Chloroform	940	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Chloromethane	47,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12) J	ND (11)	ND (11)	ND (16)
cis-1,2-Dichloroethene	43,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
cis-1,3-Dichloropropene	780	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Cyclohexane	140,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Dibromochloromethane	1,100	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Ethylbenzene	400,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Freon 11	390,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Freon 12	94,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Freon 113	5,600,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Isopropylbenzene (cumene)	570,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Methyl acetate	22,000,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Methyl ethyl ketone	22,000,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	14	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	34
Methyl isobutyl ketone	5,300,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Methyl tert-butyl ether	32,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Methylcyclohexane	2,600,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Methylene chloride	9,100	µg/kg	ND (11) J	2 J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Styrene	1,700,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
tert-Butyl alcohol	13,000,000	µg/kg	ND (110) J	ND (120) J	ND (110) J	ND (120)	ND (61)	ND (120)	ND (130)	ND (120)	ND (120)	ND (130)	ND (120)	ND (120)	ND (120)	ND (120)	ND (110)	ND (110)	ND (160)
Tetrachloroethene	480	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	8 J	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Toluene	520,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12) J	3 J	ND (12)	ND (11)	ND (11)	ND (16)
trans-1,2-Dichloroethene	69,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
trans-1,3-Dichloropropene	780	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Trichloroethene	53	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	6 J	ND (12)	4 J	21 J	ND (12)	ND (11)	ND (11)	ND (16)
Vinyl chloride	79	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)

TABLE E13
Analytical Results - Soil (September - October 2004)
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AMCO Chemical Superfund Site, Oakland, California

	Sample Location		**RSB-01**	**RSB-01**	**RSB-02**	**RSB-03**	**RSB-03**	**RSB-04**	**RSB-04**	**RSB-04**	**RSB-04**	**RSB-05**	**RSB-05**	**RSB-06**	**RSB-06**	**RSB-07**	**RSB-08**	**RSB-10**	**RSB-10**
	Sample Bottom Depth		**3 ft bgs**	**6 ft bgs**	**3 ft bgs**	**2 ft bgs**	**5 ft bgs**	**3.5 ft bgs**	**3.5 ft bgs (FD)**	**7 ft bgs**	**7 ft bgs (FD)**	**3 ft bgs**	**7 ft bgs**	**3 ft bgs**	**3 ft bgs (FD)**	**4.5 ft bgs**	**5 ft bgs**	**2 ft bgs**	**5 ft bgs**
	Concrete Thickness		**10 inches**	**10 inches**	**10 inches**	**NC**	**NC**	**24 inches**	**24 inches**	**24 inches**	**24 inches**	**11 inches**	**11 inches**	**12 inches**	**12 inches**	**30 inches**	**40 inches**	**4 inches**	**4 inches**
	Sample Date		**9/16/2004**	**9/16/2004**	**9/15/2004**	**9/20/2004**	**9/20/2004**	**9/24/2004**	**9/24/2004**	**9/24/2004**	**9/24/2004**	**9/24/2004**	**9/24/2004**	**9/30/2004**	**9/30/2004**	**9/15/2004**	**9/15/2004**	**9/14/2004**	**9/14/2004**
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
Xylenes, total	270,000	µg/kg	ND (11) J	ND (12) J	ND (11) J	ND (12)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)	ND (16)
Semivolatile Organic Compounds																			
1,1'-Biphenyl	3,000,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
1,2,4,5-Tetrachlorobenzene	3,200	µg/kg	ND (370) J	ND (420) J	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
2,2'-Oxybis(1-Chloropropane)	220	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
2,4,5-Trichlorophenol	6,100,000	µg/kg	ND (930)	ND (1,100)	ND (950)	ND (1,000)	ND (1,000)	ND (3,100)	ND (3,300)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,000)	ND (990)	ND (970)	ND (950)	ND (940)	ND (1,300)
2,4,6-Trichlorophenol	6,100	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
2,4-Dichlorophenol	180,000	µg/kg	ND (370) J	ND (420) J	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
2,4-Dimethylphenol	1,200,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
2,4-Dinitrophenol	120,000	µg/kg	ND (930) J	ND (1,100) J	ND (950)	ND (1,000) J	ND (1,000) J	ND (3,100)	ND (3,300)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,000)	ND (990)	ND (970)	ND (950)	ND (940)	ND (1,300)
2,4-Dinitrotoluene	120,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
2,6-Dinitrotoluene	61,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
2-Chloronaphthalene	4,900,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
2-Chlorophenol	63,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
2-Methylnaphthalene	150,000	µg/kg	ND (370)	ND (420)	ND (380)	130 J	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	200 J	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	180 J	370 J
2-Methylphenol	3,100,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
2-Nitroaniline	180,000	µg/kg	ND (930)	ND (1,100)	ND (950)	ND (1,000)	ND (1,000)	ND (3,100)	ND (3,300)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,000)	ND (990)	ND (970)	ND (950)	ND (940)	ND (1,300)
2-Nitrophenol	NDRI	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
3,3'-Dichlorobenzidine	1,100	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
3-Nitroaniline	18,000	µg/kg	ND (930)	ND (1,100)	ND (950)	ND (1,000)	ND (1,000)	ND (3,100)	ND (3,300)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,000)	ND (990)	ND (970)	ND (950)	ND (940)	ND (1,300)
4,6-Dinitro-2-methylphenol	NDRI	µg/kg	ND (930)	ND (1,100)	ND (950)	ND (1,000)	ND (1,000)	ND (3,100)	ND (3,300)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,000)	ND (990)	ND (970)	ND (950)	ND (940)	ND (1,300)
4-Bromophenylphenyl ether	NDRI	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
4-Chloro-3-methylphenol	3,100,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
4-Chloroaniline	240,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
4-Chlorophenylphenyl ether	NDRI	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
4-Methylphenol	310,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
4-Nitroaniline	23,000	µg/kg	ND (930)	ND (1,100)	ND (950)	ND (1,000)	ND (1,000)	ND (3,100)	ND (3,300)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,000)	ND (990)	ND (970)	ND (950)	ND (940)	ND (1,300)
4-Nitrophenol	120,000	µg/kg	ND (930)	ND (1,100)	ND (950)	ND (1,000)	ND (1,000)	ND (3,100)	ND (3,300)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,000)	ND (990)	ND (970)	ND (950)	ND (940)	ND (1,300)
Acenaphthene	3,700,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Acenaphthylene	2,300,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Acetophenone	100,000,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Anthracene	22,000,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	130 J	77 J	ND (520)
Atrazine	2,200	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Benzaldehyde	6,100,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Benzo(a)anthracene	620	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	470	150 J	ND (520)
Benzo(a)pyrene	62	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	500	130 J	ND (520)
Benzo(b)fluoranthene	620	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	420	110 J	ND (520)
Benzo(g,h,i)perylene	2,300,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	430	ND (380)	ND (520)
Benzo(k)fluoranthene	380	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	430	130 J	ND (520)
Benzyl butyl phthalate	12,000,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
bis(2-Chloroethoxy)methane	220	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
bis(2-Chloroethyl)ether	220	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
bis(2-Ethylhexyl)phthalate	35,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Caprolactam	31,000,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	95 J	ND (520)
Carbazole	24,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Chrysene	3,800	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	510	190 J	120 J
Dibenz(a,h)anthracene	62	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	120 J	ND (380)	ND (520)
Dibenzofuran	150,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Diethylphthalate	49,000,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)

TABLE E13
Analytical Results - Soil (September - October 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		RSB-01	RSB-01	RSB-02	RSB-03	RSB-03	RSB-04	RSB-04	RSB-04	RSB-04	RSB-05	RSB-05	RSB-06	RSB-06	RSB-07	RSB-08	RSB-10	RSB-10
	Sample Bottom Depth		3 ft bgs	6 ft bgs	3 ft bgs	2 ft bgs	5 ft bgs	3.5 ft bgs	3.5 ft bgs (FD)	7 ft bgs	7 ft bgs (FD)	3 ft bgs	7 ft bgs	3 ft bgs	3 ft bgs (FD)	4.5 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs
	Concrete Thickness		10 inches	10 inches	10 inches	NC	NC	24 inches	24 inches	24 inches	24 inches	11 inches	11 inches	12 inches	12 inches	30 inches	40 inches	4 inches	4 inches
	Sample Date		9/16/2004	9/16/2004	9/15/2004	9/20/2004	9/20/2004	9/24/2004	9/24/2004	9/24/2004	9/24/2004	9/24/2004	9/24/2004	9/30/2004	9/30/2004	9/15/2004	9/15/2004	9/14/2004	9/14/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Semivolatile Organic Compounds																			
Dimethylphthalate	100,000,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Di-n-butyl phthalate	6,100,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Di-n-octyl phthalate	2,400,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Fluoranthene	2,300,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	1,000	310 J	180 J
Fluorene	2,700,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Hexachlorobenzene	300	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Hexachlorobutadiene	6,200	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Hexachlorocyclopentadiene	370,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400) J	ND (400) J	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Hexachloroethane	35,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Indeno(1,2,3-c,d)pyrene	620	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	440	ND (380)	ND (520)
Isophorone	510,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Naphthalene	1,700	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Nitrobenzene	20,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
N-Nitrosodi-n-propylamine	69	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
N-Nitrosodiphenylamine	99,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Pentachlorophenol	3,000	µg/kg	ND (930)	ND (1,100)	ND (950)	ND (1,000)	ND (1,000)	ND (3,100)	ND (3,300)	ND (1,000)	ND (1,000)	ND (1,100)	ND (1,000)	ND (1,000)	ND (990)	ND (970)	ND (950)	ND (940)	ND (1,300)
Phenanthrene	2,300,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	190 J	370 J	180 J
Phenol	18,000,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	ND (400)	ND (390)	ND (380)	ND (380)	ND (380)	ND (520)
Pyrene	2,300,000	µg/kg	ND (370)	ND (420)	ND (380)	ND (400)	ND (400)	ND (1,200)	ND (1,300)	ND (410)	ND (400)	ND (430)	ND (400)	95 J	ND (390)	ND (380)	1,100	350 J	230 J
Metals																			
Aluminum	76,000	mg/kg	6,960	6,840	7,300	10,100	6,360 J	7,080	7,270	14,900	14,000	9,350	15,000	5,400	5,300	7,910	6,260	12,200	17,300
Antimony	31	mg/kg	2.6 J	ND (12)	ND (12)	ND (12)	ND (12)	49	3 J	0.27 J	ND (12) J	2.1 J	0.32 J	0.3 J	0.28 J	0.97 J	1.1 J	1.2 J	5.1 J
Arsenic	22	mg/kg	22.3	8.8	6.6	5.5	1.7	3.8	2.8	3.2	3.2	6.9	4.4	1.7	1.9	4.3	3.9	4.7	21
Barium	5,400	mg/kg	158	173	278	329	102 J	228	178	47.2	46	518	72.6	82.5	89.7	153	68	139	893
Beryllium	150	mg/kg	0.23 J	0.2 J	0.29 J	0.53 J	0.2 J	0.35	0.36	0.46	0.44	0.62	0.47	0.21 J	0.22 J	0.24 J	0.19 J	0.3 J	1 J
Cadmium	37	mg/kg	0.77	0.33 J	1.5	0.47 J	0.15 J	ND (1)	ND (1)	ND (1)	ND (1)	0.91 J	ND (1)	ND (1)	ND (1)	6.4	0.21 J	0.69	0.59 J
Chromium	210	mg/kg	348	204	33.5	33.8	28.6 J	29.5	29.9	50.1	50.2	30.2	50.1	26	25.7	48	128 J	44.8	30.5
Cobalt	900	mg/kg	6.9	6.1 J	6.7	5.9 J	4.4 J	5.5 J	6.2 J	6.2 J	6.4 J	8.1 J	7.3 J	3.8 J	3.1 J	6.4	10.4	6.4	7.7 J
Copper	3,100	mg/kg	49.4	104	95.8	47.1	9.9 J	48.9	30.9	10.7	10.3	190	10.3	18.2	49.7	37.6	21.9	31.5	153
Lead	194	mg/kg	188	43.2	386	340	13.2 J	776 J	134 J	4.1 J	4.4 J	486 J	4.2 J	40.5	47.6	117	155	82.8	1,200
Manganese	1,800	mg/kg	336	221	240	263	186 J	187	182	229	187	203	245	79.7	74.1	106	231	291	452
Nickel	1,600	mg/kg	21.2	22.9	22.7	23.6	18.8 J	24.1	24	40.5	39	26.9	42.7	15.3	14.8	28.2	16.9	38.5	24.1
Selenium	390	mg/kg	2.7 J	0.9 J	1 J	0.79 J	0.8 J	ND (7)	ND (7)	ND (7)	ND (7)	ND (7) J	ND (7) J	ND (7)	ND (7)	1.4 J	1.9 J	2.2 J	3.9 J
Silver	390	mg/kg	0.33 J	0.13 J	0.65 J	0.45 J	ND (2)	1	0.43	0.18	0.11	0.8	0.2	ND (2)	ND (2)	0.19 J	0.21 J	0.28 J	1.3 J
Thallium	5.2	mg/kg	1.8 J	ND (5)	0.45 J	0.54 J	ND (5)	ND (5) J	ND (5) J	ND (5) J	ND (5) J	0.95 J	ND (5) J	ND (5)	ND (5)	ND (5)	0.25 J	0.87 J	ND (5.4)
Vanadium	78	mg/kg	26.3	24.4	24.1	29.6	22.4 J	25.3	26.6	41	39.9	31.7	41.9	19.6	19	25.9	23.2	33.5	54.9
Zinc	23,000	mg/kg	293	126	565	178	27.6 J	149 J	111 J	25.6 J	26.3 J	909 J	27.4 J	37.1	62.8	2,510	179 J	431	456
Calcium	NA	mg/kg	5,270	4,290	6,190	6,770	4,570 J	9,780 J	11,300 J	2,300 J	2,180 J	33,300 J	2,450 J	3,980	7,140	6,270	12,800 J	28,000	42,100
Iron	23,000	mg/kg	40,200	11,900	13,900	12,700	9,670 J	11,500	11,800	18,700	18,400	34,200	20,900	8,130	8,090	13,100	19,800	24,700	38,500
Magnesium	NA	mg/kg	2,490	2,180	1,920	1,990	1,510 J	1,960	2,030	2,880	2,800	2,130	3,040	1,260	1,270	2,110	1,350	5,000	3,700
Potassium	NA	mg/kg	1,130	1,140	1,300	1,060	830	958	969	1,320	1,240	919	1,040	536 J	541 J	950 J	668 J	1,160 J	1,570 J
Sodium	NA	mg/kg	194 J	219 J	507 J	280 J	128 J	549	518	131	135	1,700	114	285 J	358 J	108 J	264 J	408 J	1,610
Organochlorine Pesticides/PCBs																			
4,4'-DDD	2,400	µg/kg	5,900	1,800	4.1	4.3 NJ	4.6	6.3 J	13 J	0.97 J	ND (4)	10	ND (4)	ND (1.1)	ND (1.4)	62	32	390	5.9 J
4,4'-DDE	1,700	µg/kg	1,500	280	18	6.4	6.4	12	17	ND (4.1)	ND (4)	10 J	ND (4)	1.3 J	1.6 J	86	25 J	640	5.4
4,4'-DDT	1,700	µg/kg	6,800	1,500	29	16	18	ND (4.1)	ND (4.4)	ND (4.1)	ND (4)	1.5 J	ND (4)	ND (4)	2 J	19	35 J	29	99
Aldrin	29	µg/kg	ND (19)	ND (22)	ND (2)	ND (2.1)	ND (2.1)	0.93 J	1.3 J	ND (2.1)	ND (2.1)	3.6 J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	0.83 J	ND (2.7)
alpha-BHC	90	µg/kg	6 J	ND (22)	ND (2)	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.3)	ND (2.1)	ND (2.1)	ND (2.2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1.9)	ND (2.7)
alpha-Chlordane	1,600	µg/kg	ND (19)	ND (22)	8.2 NJ	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.3)	ND (2.1)	ND (2.1)	ND (2.2)	ND (2)	ND (2)	ND (2)	ND (2)	0.4 J	18 J	ND (2.7)

TABLE E13
Analytical Results - Soil (September - October 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location	RSB-01	RSB-01	RSB-02	RSB-03	RSB-03	RSB-04	RSB-04	RSB-04	RSB-04	RSB-05	RSB-05	RSB-06	RSB-06	RSB-07	RSB-08	RSB-10	RSB-10
	Sample Bottom Depth	3 ft bgs	6 ft bgs	3 ft bgs	2 ft bgs	5 ft bgs	3.5 ft bgs	3.5 ft bgs (FD)	7 ft bgs	7 ft bgs (FD)	3 ft bgs	7 ft bgs	3 ft bgs	3 ft bgs (FD)	4.5 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs
	Concrete Thickness	10 inches	10 inches	10 inches	NC	NC	24 inches	24 inches	24 inches	24 inches	11 inches	11 inches	12 inches	12 inches	30 inches	40 inches	4 inches	4 inches
	Sample Date	9/16/2004	9/16/2004	9/15/2004	9/20/2004	9/20/2004	9/24/2004	9/24/2004	9/24/2004	9/24/2004	9/24/2004	9/24/2004	9/30/2004	9/30/2004	9/15/2004	9/15/2004	9/14/2004	9/14/2004
Analyte	**Screening Level** **Units**	**Analytical Results**																
Organochlorine Pesticides/PCBs																		
Aroclor-1016	3,900 µg/kg	ND (370)	ND (420)	ND (38)	ND (40)	ND (40)	ND (41)	ND (44)	ND (41)	ND (40)	ND (43)	ND (40)	ND (40)	ND (39)	ND (38)	ND (38)	ND (38)	ND (52)
Aroclor-1221	220 µg/kg	ND (750)	ND (850)	ND (77)	ND (82)	ND (82)	ND (83)	ND (89)	ND (83)	ND (82)	ND (88)	ND (81)	ND (81)	ND (80)	ND (78)	ND (77)	ND (76)	ND (100)
Aroclor-1232	220 µg/kg	ND (370)	ND (420)	ND (38)	ND (40)	ND (40)	ND (41)	ND (44)	ND (41)	ND (40)	ND (43)	ND (40)	ND (40)	ND (39)	ND (38)	ND (38)	ND (38)	ND (52)
Aroclor-1242	220 µg/kg	ND (370)	ND (420)	ND (38)	ND (40)	ND (40)	ND (41)	ND (44)	ND (41)	ND (40)	ND (43)	ND (40)	ND (40)	ND (39)	ND (38)	ND (38)	ND (38)	ND (52)
Aroclor-1248	220 µg/kg	ND (370)	ND (420)	ND (38)	ND (40)	ND (40)	ND (41)	ND (44)	ND (41)	ND (40)	ND (43)	ND (40)	ND (40)	ND (39)	ND (38)	ND (38)	ND (38)	ND (52)
Aroclor-1254	220 µg/kg	ND (370)	ND (420)	ND (38)	ND (40)	ND (40)	ND (41)	ND (44)	ND (41)	ND (40)	ND (43)	ND (40)	ND (40)	ND (39)	ND (38)	ND (38)	ND (38)	ND (52)
Aroclor-1260	220 µg/kg	ND (370)	ND (420)	ND (38)	ND (40)	ND (40)	ND (41)	ND (44)	ND (41)	ND (40)	ND (43)	ND (40)	ND (40)	ND (39)	ND (38)	ND (38)	ND (38)	ND (52)
beta-BHC	320 µg/kg	ND (19)	ND (22)	ND (2)	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.3)	ND (2.1)	ND (2.1)	ND (2.2)	ND (2)	2.7 J	1.2 J	2.6 J	2.1 J	3.3 J	16 J
delta-BHC	90 µg/kg	ND (19)	ND (22)	ND (2)	4.1	ND (2.1)	ND (2.1)	ND (2.3)	ND (2.1)	ND (2.1)	ND (2.2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1.9)	ND (2.7)
Dieldrin	30 µg/kg	24 NJ	ND (42)	1.3 J	1.2 J	ND (4)	ND (4.1)	1.2 J	ND (4.1)	ND (4)	1 J	ND (4)	ND (4)	0.87 J	46 J	3.8 J	34 J	ND (5.2)
Endosulfan I	370,000 µg/kg	ND (19)	ND (22)	ND (2)	ND (2.1)	ND (0.73) J	ND (2.1)	ND (2.3)	ND (2.1)	ND (2.1)	ND (2.2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1.9)	ND (2.7)
Endosulfan II	370,000 µg/kg	ND (37)	ND (42)	ND (3.8)	ND (4)	ND (4)	ND (4.1)	ND (4.4)	ND (4.1)	ND (4)	ND (4.3)	ND (4)	ND (4)	ND (3.9)	ND (3.8)	ND (3.8)	ND (3.8)	ND (5.2)
Endosulfan sulfate	370,000 µg/kg	ND (37)	ND (42)	ND (3.8)	ND (4)	ND (4)	ND (4.1)	ND (4.4)	ND (4.1)	ND (4)	ND (4.3)	ND (4)	ND (4)	ND (3.9)	ND (3.8)	ND (3.8)	ND (3.8)	ND (5.2)
Endrin	18,000 µg/kg	ND (37)	ND (42)	ND (3.8)	ND (4)	ND (4)	ND (4.1)	ND (4.4)	ND (4.1)	ND (4)	ND (4.3)	ND (4)	ND (4)	ND (3.9)	1.3 J	ND (3.8)	ND (3.8)	2.9 J
Endrin aldehyde	18,000 µg/kg	ND (37)	ND (42)	ND (3.8)	ND (4)	ND (4)	0.84 J	1.1 J	ND (4.1)	ND (4)	ND (4.3)	ND (4)	ND (4)	ND (3.9)	ND (3.8)	ND (3.8)	ND (3.8)	ND (5.2)
Endrin ketone	18,000 µg/kg	ND (37)	ND (42)	ND (3.8)	ND (4)	ND (4)	ND (4.1)	ND (4.4)	ND (4.1)	ND (4)	ND (4.3)	ND (4)	ND (4)	1.1 J	ND (3.8)	2.3	ND (3.8)	ND (5.2)
gamma-BHC	440 µg/kg	130	ND (13)	ND (2)	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.3)	ND (2.1)	ND (2.1)	ND (2.2) J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1.9)	0.65 J
gamma-Chlordane	1,600 µg/kg	ND (19)	ND (22)	5.9	ND (2.1)	2.9 J	ND (2.1)	ND (2.3)	ND (2.1)	ND (2.1)	ND (2.2)	ND (2)	ND (2)	ND (2)	0.83 J	ND (2)	23	ND (2.7)
Heptachlor	110 µg/kg	ND (19)	ND (22)	ND (2)	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.3)	ND (2.1)	ND (2.1)	ND (2.2)	ND (2)	ND (2)	ND (2)	ND (2) J	ND (2)	ND (1.9)	ND (2.7)
Heptachlor epoxide	53 µg/kg	ND (19)	ND (22)	ND (2)	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.3)	ND (2.1)	ND (2.1)	ND (2.2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1.9)	ND (2.7)
Methoxychlor	310,000 µg/kg	ND (190)	ND (220)	ND (20)	ND (21)	ND (21)	ND (21)	ND (23)	ND (21)	ND (21)	ND (22)	ND (20)	ND (20)	ND (20)	ND (20)	3.9	ND (19)	ND (27)
Toxaphene	440 µg/kg	ND (1,900)	ND (2,200)	ND (200)	ND (210)	ND (210)	ND (210)	ND (230)	ND (210)	ND (210)	ND (220)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (190)	ND (270)
Dioxins/Furans (1)																		
1,2,3,4,6,7,8-HpCDD	390 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	229	---
1,2,3,4,6,7,8-HpCDF	390 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	42.1	---
1,2,3,4,7,8,9-HpCDF	390 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (2.49)	---
1,2,3,4,7,8-HxCDD	39 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.78 J	---
1,2,3,4,7,8-HxCDF	39 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (1.19)	---
1,2,3,6,7,8-HxCDD	39 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.63	---
1,2,3,6,7,8-HxCDF	39 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.13	---
1,2,3,7,8,9-HxCDD	39 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.63 J	---
1,2,3,7,8,9-HxCDF	39 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (1.1)	---
1,2,3,7,8-PeCDD	3.9 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (1.38)	---
1,2,3,7,8-PeCDF	78 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (1.59)	---
2,3,4,6,7,8-HxCDF	39 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.99	---
2,3,4,7,8-PeCDF	7.8 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.55	---
2,3,7,8-TCDD	3.9 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (1.09)	---
2,3,7,8-TCDF	39 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (2.22)	---
OCDD	39,000 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2,130	---
OCDF	39,000 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	31.1	---
Total Dioxin Toxicity equivalent	3.9 ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.63 J	---

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RSB-11	RSB-12	RSB-12	RSB-13	RSB-13	RSB-14	RSB-14	RSB-15	RSB-17	RSB-18	RSB-18	RSB-18	RSB-19	RSB-20	RSB-21	RSB-21	RSB-22
Sample Bottom Depth			2 ft bgs	2 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs	4 ft bgs	4 ft bgs (FD)	7 ft bgs	2 ft bgs	2.5 ft bgs	1.5 ft bgs	5 ft bgs	3 ft bgs
Concrete Thickness			NC	4 inches	4 inches	NC	NC	NC	NC	NC	36 inches	22 inches	22 inches	22 inches	5 inches	6 inches	4 inches	4 inches	12 inches
Sample Date			9/15/2004	9/20/2004	9/20/2004	9/16/2004	9/16/2004	9/16/2004	9/16/2004	9/22/2004	9/22/2004	9/27/2004	9/27/2004	9/27/2004	9/13/2004	9/17/2004	9/13/2004	9/13/2004	9/27/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1-Trichloroethane	1,200,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
1,1,2,2-Tetrachloroethane	410	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11) J	---	ND (12)
1,1,2-Trichloroethane	730	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
1,1-Dichloroethane	2,800	µg/kg	ND (11) J	5 J	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	62 J	14,000 J	---	5,000 J	ND (13)	120 J	24 J	---	250 J
1,1-Dichloroethene	120,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	49 J	---	15 J	ND (13)	ND (12) J	ND (11)	---	ND (12)
1,2,4-Trichlorobenzene	62,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	7 J	---	43 J	ND (13)	2,000 J	2 J	---	61 J
1,2-Dibromo-3-chloropropane	30	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11) J	---	ND (12)
1,2-Dibromoethane	32	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11) J	---	ND (12)
1,2-Dichlorobenzene	600,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	16,000	110,000 J	---	32,000 J	94 J	4,900 J	6,600	---	12,000 J
1,2-Dichloroethane	280	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	13 J	ND (13)	ND (12) J	ND (11)	---	ND (12)
1,2-Dichloropropane	340	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
1,3-Dichlorobenzene	530,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	130 J	510 J	---	77 J	ND (13)	130 J	12 J	---	10 J
1,4-Dichlorobenzene	3,400	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	4,000 J	19,000 J	---	5,000 J	4 J	120 J	46 J	---	130 J
1,4-Dioxane (p-dioxane)	44,000	µg/kg	ND (280) J	ND (270) J	1,500 J	ND (250) J	ND (390) J	ND (250) J	ND (270) J	ND (260)	ND (280)	ND (360)	---	ND (360)	ND (320)	ND (300) J	ND (260)	---	ND (310)
2-Hexanone	NE	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14) J	---	ND (14)	ND (13)	ND (12) J	ND (11) J	---	ND (12)
Acetone	14,000,000	µg/kg	40 J	140 J	460 J	ND (10) J	280 J	ND (10) J	54 J	58 J	140 J	210 J	---	420 J	370 J	220 J	80 J	---	160 J
Benzene	640	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	35 J	480 J	---	150 J	ND (13)	49 J	560 J	---	ND (1,300)
Bromodichloromethane	820	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
Bromoform	62,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
Bromomethane	3,900	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
Carbon disulfide	360,000	µg/kg	ND (11) J	7 J	14 J	ND (10) J	3 J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	3 J	ND (12) J	8 J	---	5 J
Carbon tetrachloride	250	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
Chlorobenzene	150,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	430 J	---	82 J	44 J	ND (12) J	48 J	---	83 J
Chloroethane	3,000	µg/kg	ND (11) J	ND (11)	7 J	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	14 J	7 J	---	15 J	ND (13)	ND (12) J	75 J	---	7 J
Chloroform	940	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
Chloromethane	47,000	µg/kg	ND (11) J	ND (11) J	ND (17) J	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	480 J	ND (12) J	ND (11)	---	ND (12)
cis-1,2-Dichloroethene	43,000	µg/kg	ND (11) J	3 J	ND (17)	ND (10) J	ND (16) J	5 J	ND (11) J	ND (11)	120 J	27,000 J	---	16,000 J	ND (13)	8,000 J	7 J	---	7,200 J
cis-1,3-Dichloropropene	780	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
Cyclohexane	140,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	170 J	670 J	---	58 J	7 J	80 J	3,300	---	ND (1,300)
Dibromochloromethane	1,100	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
Ethylbenzene	400,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	17,000	47,000 J	---	10,000 J	3 J	11,000 J	5,200	---	50,000 J
Freon 11	390,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
Freon 113	5,600,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
Freon 12	94,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
Isopropylbenzene (cumene)	570,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	11,000	14,000 J	---	4,400 J	31 J	7,600 J	17,000	---	9,400 J
Methyl acetate	22,000,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
Methyl ethyl ketone	22,000,000	µg/kg	ND (11) J	50	390 J	ND (10) J	76 J	ND (10) J	ND (11) J	18	48 J	ND (14)	---	250 J	140 J	ND (12) J	ND (11)	---	ND (12)
Methyl isobutyl ketone	5,300,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	11,000 J	---	3,900 J	ND (13)	ND (12) J	ND (11) J	---	ND (12)
Methyl tert-butyl ether	32,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	4 J
Methylcyclohexane	2,600,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	4,000	12,000 J	---	450 J	43 J	3,100 J	35,000	---	29,000 J
Methylene chloride	9,100	µg/kg	ND (11) J	4 J	5 J	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	14 J	---	14 J	ND (13)	14 J	9 J	---	12 J
Styrene	1,700,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	980 J	ND (11) J	---	ND (12)
tert-Butyl alcohol	13,000,000	µg/kg	ND (110) J	ND (110) J	ND (170) J	ND (100) J	ND (160) J	ND (100) J	ND (110) J	ND (110)	ND (120)	ND (140)	---	ND (140)	ND (130)	ND (120) J	ND (100)	---	ND (120)
Tetrachloroethene	480	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	4 J	ND (11) J	ND (11)	8 J	100 J	---	21 J	ND (13)	13 J	ND (11) J	---	6 J
Toluene	520,000	µg/kg	ND (11) J	ND (11)	210 J	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	7,900	380,000 J	---	92,000 J	ND (13)	65,000 J	25 J	---	14,000 J
trans-1,2-Dichloroethene	69,000	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	3 J	77 J	---	65 J	ND (13)	69 J	ND (11)	---	10 J
trans-1,3-Dichloropropene	780	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	ND (14)	---	ND (14)	ND (13)	ND (12) J	ND (11)	---	ND (12)
Trichloroethene	53	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	16 J	ND (11) J	ND (11)	5 J	280 J	---	36 J	ND (13)	140 J	ND (11)	---	ND (12)
Vinyl chloride	79	µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	ND (12)	51 J	---	43 J	ND (13)	250 J	ND (11)	---	2,200 J

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location	RSB-11	RSB-12	RSB-12	RSB-13	RSB-13	RSB-14	RSB-14	RSB-15	RSB-17	RSB-18	RSB-18	RSB-18	RSB-19	RSB-20	RSB-21	RSB-21	RSB-22
	Sample Bottom Depth	2 ft bgs	2 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs	4 ft bgs	4 ft bgs (FD)	7 ft bgs	2 ft bgs	2.5 ft bgs	1.5 ft bgs	5 ft bgs	3 ft bgs
	Concrete Thickness	NC	4 inches	4 inches	NC	NC	NC	NC	NC	36 inches	22 inches	22 inches	22 inches	5 inches	6 inches	4 inches	4 inches	12 inches
	Sample Date	9/15/2004	9/20/2004	9/20/2004	9/16/2004	9/16/2004	9/16/2004	9/16/2004	9/22/2004	9/22/2004	9/27/2004	9/27/2004	9/27/2004	9/13/2004	9/17/2004	9/13/2004	9/13/2004	9/27/2004
Analyte	**Screening Level** **Units**	**Analytical Results**																
Volatile Organic Compounds																		
Xylenes, total	270,000 µg/kg	ND (11) J	ND (11)	ND (17)	ND (10) J	ND (16) J	ND (10) J	ND (11) J	ND (11)	46,000	320,000 J	---	71,000 J	ND (13)	81,000 J	50 J	---	170,000 J
Semivolatile Organic Compounds																		
1,1'-Biphenyl	3,000,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	7,100 J	ND (13,000) J	4,400 J	ND (3,600)	ND (23,000) J	ND (12,000)
1,2,4,5-Tetrachlorobenzene	3,200 µg/kg	ND (380)	ND (720) J	ND (550)	ND (350) J	ND (530) J	ND (1,400) J	ND (350) J	ND (1,400) J	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
2,2'-Oxybis(1-Chloropropane)	220 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
2,4,5-Trichlorophenol	6,100,000 µg/kg	ND (940)	ND (1,800)	ND (1,400)	ND (870)	ND (1,300)	ND (3,500)	ND (890)	ND (3,500)	ND (29,000)	ND (36,000)	---	ND (36,000)	ND (32,000) J	ND (30,000) J	ND (9,000)	ND (58,000) J	ND (31,000)
2,4,6-Trichlorophenol	6,100 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
2,4-Dichlorophenol	180,000 µg/kg	ND (380)	ND (720) J	ND (550)	ND (350)	ND (530) J	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
2,4-Dimethylphenol	1,200,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
2,4-Dinitrophenol	120,000 µg/kg	ND (940)	ND (1,800) J	ND (1,400) J	ND (870)	ND (1,300) J	ND (3,500)	ND (890)	ND (3,500)	ND (29,000)	ND (36,000)	---	ND (36,000)	ND (32,000) J	ND (30,000) J	ND (9,000)	ND (58,000) J	ND (31,000)
2,4-Dinitrotoluene	120,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
2,6-Dinitrotoluene	61,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
2-Chloronaphthalene	4,900,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (3,700) J	ND (3,600)	ND (23,000) J	ND (12,000)
2-Chlorophenol	63,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
2-Methylnaphthalene	150,000 µg/kg	ND (380)	ND (720)	130 J	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	380,000 J	130,000 J	---	330,000 J	63,000 J	370,000 J	39,000	260,000 J	360,000 J
2-Methylphenol	3,100,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
2-Nitroaniline	180,000 µg/kg	ND (940)	ND (1,800)	ND (1,400)	ND (870)	ND (1,300)	ND (3,500)	ND (890)	ND (3,500)	ND (29,000)	ND (36,000)	---	ND (36,000)	ND (32,000) J	ND (30,000) J	ND (9,000)	ND (58,000) J	ND (31,000)
2-Nitrophenol	NE µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
3,3'-Dichlorobenzidine	1,100 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
3-Nitroaniline	18,000 µg/kg	ND (940)	ND (1,800)	ND (1,400)	ND (870)	ND (1,300)	ND (3,500)	ND (890)	ND (3,500)	ND (29,000)	ND (36,000)	---	ND (36,000)	ND (32,000) J	ND (30,000) J	ND (9,000)	ND (58,000) J	ND (31,000)
4,6-Dinitro-2-methylphenol	NE µg/kg	ND (940)	ND (1,800)	ND (1,400)	ND (870)	ND (1,300)	ND (3,500)	ND (890)	ND (3,500)	ND (29,000)	ND (36,000)	---	ND (36,000)	ND (32,000) J	ND (30,000) J	ND (9,000)	ND (58,000) J	ND (31,000)
4-Bromophenylphenyl ether	NE µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
4-Chloro-3-methylphenol	3,100,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	7,200 J	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
4-Chloroaniline	240,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
4-Chlorophenylphenyl ether	NE µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
4-Methylphenol	310,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	3,600 J	---	3,000 J	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
4-Nitroaniline	23,000 µg/kg	ND (940)	ND (1,800)	ND (1,400)	ND (870)	ND (1,300)	ND (3,500)	ND (890)	ND (3,500)	ND (29,000)	ND (36,000)	---	ND (36,000)	ND (32,000) J	ND (30,000) J	ND (9,000)	ND (58,000) J	ND (31,000)
4-Nitrophenol	120,000 µg/kg	ND (940)	ND (1,800)	ND (1,400)	ND (870)	ND (1,300)	ND (3,500)	ND (890)	ND (3,500)	ND (29,000)	ND (36,000)	---	ND (36,000)	ND (32,000) J	ND (30,000) J	ND (9,000)	ND (58,000) J	ND (31,000)
Acenaphthene	3,700,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	7,700 J	ND (13,000) J	10,000 J	ND (3,600)	ND (23,000) J	2,500 J
Acenaphthylene	2,300,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Acetophenone	100,000,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	14,000 J	ND (12,000)
Anthracene	22,000,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Atrazine	2,200 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Benzaldehyde	6,100,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Benzo(a)anthracene	620 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Benzo(a)pyrene	62 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Benzo(b)fluoranthene	620 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Benzo(g,h,i)perylene	2,300,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Benzo(k)fluoranthene	380 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Benzyl butyl phthalate	12,000,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
bis(2-Chloroethoxy)methane	220 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
bis(2-Chloroethyl)ether	220 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
bis(2-Ethylhexyl)phthalate	35,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	3,300 J	---	8,400 J	ND (13,000) J	13,000 J	ND (3,600)	ND (23,000) J	ND (12,000)
Caprolactam	31,000,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Carbazole	24,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Chrysene	3,800 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	3,500 J	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Dibenz(a,h)anthracene	62 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Dibenzofuran	150,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	3,000 J	ND (13,000) J	4,100 J	ND (3,600)	ND (23,000) J	ND (12,000)
Diethylphthalate	49,000,000 µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		RSB-11	RSB-12	RSB-12	RSB-13	RSB-13	RSB-14	RSB-14	RSB-15	RSB-17	RSB-18	RSB-18	RSB-18	RSB-19	RSB-20	RSB-21	RSB-21	RSB-22
	Sample Bottom Depth		2 ft bgs	2 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs	4 ft bgs	4 ft bgs (FD)	7 ft bgs	2 ft bgs	2.5 ft bgs	1.5 ft bgs	5 ft bgs	3 ft bgs
	Concrete Thickness		NC	4 inches	4 inches	NC	NC	NC	NC	NC	36 inches	22 inches	22 inches	22 inches	5 inches	6 inches	4 inches	4 inches	12 inches
	Sample Date		9/15/2004	9/20/2004	9/20/2004	9/16/2004	9/16/2004	9/16/2004	9/16/2004	9/22/2004	9/22/2004	9/27/2004	9/27/2004	9/27/2004	9/13/2004	9/17/2004	9/13/2004	9/13/2004	9/27/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Semivolatile Organic Compounds																			
Dimethylphthalate	100,000,000	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Di-n-butyl phthalate	6,100,000	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	2,900 J	ND (3,600)	ND (23,000) J	ND (12,000)
Di-n-octyl phthalate	2,400,000	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Fluoranthene	2,300,000	µg/kg	ND (380)	ND (720)	ND (550)	77 J	110 J	ND (1,400)	100 J	ND (1,400)	ND (12,000)	ND (14,000)	---	4,100 J	ND (13,000) J	4,000 J	ND (3,600)	5,900 J	ND (12,000)
Fluorene	2,700,000	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	3,400 J	---	9,700 J	ND (13,000) J	8,900 J	ND (3,600)	ND (23,000) J	ND (12,000)
Hexachlorobenzene	300	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Hexachlorobutadiene	6,200	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Hexachlorocyclopentadiene	370,000	µg/kg	ND (380)	ND (720)	ND (550) J	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Hexachloroethane	35,000	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Indeno(1,2,3-c,d)pyrene	620	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Isophorone	510,000	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Naphthalene	1,700	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	17,000	19,000	---	34,000	ND (13,000) J	80,000 J	ND (3,600)	27,000 J	39,000
Nitrobenzene	20,000	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
N-Nitrosodi-n-propylamine	69	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
N-Nitrosodiphenylamine	99,000	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Pentachlorophenol	3,000	µg/kg	ND (940)	ND (1,800)	ND (1,400)	ND (870)	ND (1,300)	ND (3,500)	ND (890)	ND (3,500)	ND (29,000) J	ND (36,000) J	---	ND (36,000) J	ND (32,000) J	ND (30,000) J	ND (9,000)	ND (58,000) J	ND (31,000) J
Phenanthrene	2,300,000	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	88 J	ND (1,400)	5,800 J	7,200 J	---	33,000	ND (13,000) J	16,000 J	ND (3,600)	7,600 J	ND (12,000)
Phenol	18,000,000	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	ND (12,000)	ND (14,000)	---	ND (14,000)	ND (13,000) J	ND (12,000) J	ND (3,600)	ND (23,000) J	ND (12,000)
Pyrene	2,300,000	µg/kg	ND (380)	ND (720)	ND (550)	ND (350)	ND (530)	ND (1,400)	ND (350)	ND (1,400)	2,900 J	ND (14,000)	---	9,600 J	ND (13,000) J	4,900 J	ND (3,600)	5,900 J	ND (12,000)
Metals																			
Aluminum	76,000	mg/kg	11,100	14,000	17,500	12,000	15,400	8,430	11,300	10,700	6,540	9,340	---	8,910	12,400	19,300	13,600	5,790	20,700
Antimony	31	mg/kg	ND (12)	ND (12)	4.4 J	ND (12)	4.5 J	ND (12)	ND (12)	ND (12) J	0.67 J	3.3 J	---	0.9 J	2.8 J	6.6 J	2.1 J	0.54 J	17.6
Arsenic	22	mg/kg	3	4.9	16.9	6.9	15	5	3.7	3.7	2.6	4.9	---	4.6	8.7	13.1	6.7	1.3	14.9
Barium	5,400	mg/kg	80.2	171	941	156	1,140	117	116	158	139	352	---	182	537	1,460	656	72.4	889
Beryllium	150	mg/kg	0.29 J	0.43 J	1.1	0.31 J	1.1	0.21 J	0.24 J	0.33	0.29	0.54	---	0.35	0.48 J	0.95	0.81	0.17 J	1.7
Cadmium	37	mg/kg	0.21 J	0.62	0.8 J	0.65	0.6 J	0.96	0.62	ND (1)	ND (1)	2.5	---	0.52 J	1	2.2	0.98	ND (1)	0.17 J
Calcium	NE	mg/kg	3,000	28,500	53,100	15,300	49,600	8,060	11,400	5,920 J	3,870 J	18,900 J	---	6,220 J	13,600	50,200	20,600	2,260	38,900 J
Chromium	210	mg/kg	73.6	34.9	35.5	48.6	31.7	35.2	53.2	39	32.3	75.4	---	405	31.5	99.8	23	28	22.1
Cobalt	900	mg/kg	9.8	9.4	8.4	8.2	6.7 J	7.5	7.3	6.9 J	4 J	4.9 J	---	5.9 J	5.8 J	10.2	6.7	4.5 J	8.7 J
Copper	3,100	mg/kg	12.9	30.7	302	50.9	105	158	45.6	18.9	30.9	672	---	166	123	196	115	7.6	173
Iron	23,000	mg/kg	19,100	21,600	24,500	20,800	20,300	28,900	16,300	19,200	9,790	14,400	---	15,500	24,500	37,800	16,200	9,270	17,900
Lead	194	mg/kg	10.6	19	856	166	1,600	74.9	68.2	8.2 J	272 J	742 J	---	152 J	1,180	1,710	545	8.7	522 J
Magnesium	NE	mg/kg	3,270	6,430	4,550	5,020	3,950	4,620	3,790	5,940	1,780	2,180	---	2,340	2,080	4,110	2,360	1,430	3,190
Manganese	1,800	mg/kg	1,310	568	342	379	354	425	309	329	130	181	---	244	210	2,250	288	92.1	216
Nickel	1,600	mg/kg	51.3	34.3	29.8	38	20.7	39.6	30.2	37.8	18.1	23.9	---	27.3	25.3	34.6	27.7	16.5	26.3
Potassium	NE	mg/kg	630	2,250	1,660	1,380	1,520	1,340	1,030	1,470	863	1,230	---	1,340	1,080 J	1,250	1,200	550 J	2,180
Selenium	390	mg/kg	1.3 J	1.4 J	1.7 J	1.5 J	1.4 J	1.7 J	0.98 J	ND (7) J	ND (7)	0.31 J	---	ND (7)	2.3 J	2.5 J	1.6 J	1 J	ND (7)
Silver	390	mg/kg	ND (2)	0.21 J	1.1 J	0.34 J	1.1 J	0.26 J	0.19 J	0.18	0.27	0.55	---	0.39	0.65 J	2.2	0.76 J	0.1 J	0.64
Sodium	NE	mg/kg	232 J	363 J	1,550	663	3,050	339 J	760	342	371	659	---	350	641 J	1,630	1,320	160 J	2,890
Thallium	5.2	mg/kg	1.1 J	2.2 J	1.9 J	1.5 J	1.7 J	1.8 J	0.95 J	ND (5) J	ND (5) J	ND (5) J	---	ND (5) J	0.43 J	3.2 J	0.65 J	ND (5)	ND (5) J
Vanadium	78	mg/kg	38.5	47.9	57.7	36.9	45.5	29.9	33.5	34	24.8	31.5	---	30.1	46	68.6	55.7	21.1	65.4
Zinc	23,000	mg/kg	73.9	109	307	167	366	245	146	129 J	73.4 J	590 J	---	184 J	327	627	388	17.2	392 J
Organochlorine Pesticides/PCBs																			
4,4'-DDD	2,400	µg/kg	14	200	ND (1.9) J	30	30	2,100	4,400	1 J	4,200	12,000	---	11,000	2,700	10,000	20,000	---	6,400
4,4'-DDE	1,700	µg/kg	5.9	66	ND (5.5)	24	15	1,500	1,600	ND (3.5)	1,600	10,000	---	6,500	280	4,300	5,000	---	1,100
4,4'-DDT	1,700	µg/kg	ND (3.8)	ND (3.6)	ND (5.5)	22	2.2 J	560	140	1.6 J	ND (7.8)	ND (24)	---	ND (24)	ND (4.3)	ND (79)	ND (360)	---	ND (20)
Aldrin	29	µg/kg	ND (1.9)	ND (1.8)	ND (2.8)	ND (1.8)	ND (2.7)	ND (18)	ND (18)	ND (1.8)	2,400	8.9 J	---	8.9 J	160	42	85	---	29
alpha-BHC	90	µg/kg	ND (1.9)	ND (1.8)	ND (2.8)	ND (1.8)	ND (1.2) J	ND (18)	ND (18)	ND (1.8)	ND (4)	ND (12)	---	ND (12)	ND (2.2)	26 NJ	ND (180)	---	4.7 J
alpha-Chlordane	1,600	µg/kg	ND (1.9)	ND (0.54) J	ND (2.8)	0.86 NJ	ND (2.7)	ND (18)	5.1 J	ND (1.8)	49 J	30 J	---	23 J	8.6 J	ND (8.5) J	170	---	10 J

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		RSB-11	RSB-12	RSB-12	RSB-13	RSB-13	RSB-14	RSB-14	RSB-15	RSB-17	RSB-18	RSB-18	RSB-18	RSB-19	RSB-20	RSB-21	RSB-21	RSB-22
	Sample Bottom Depth		2 ft bgs	2 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs	2 ft bgs	5 ft bgs	4 ft bgs	4 ft bgs (FD)	7 ft bgs	2 ft bgs	2.5 ft bgs	1.5 ft bgs	5 ft bgs	3 ft bgs
	Concrete Thickness		NC	4 inches	4 inches	NC	NC	NC	NC	NC	36 inches	22 inches	22 inches	22 inches	5 inches	6 inches	4 inches	4 inches	12 inches
	Sample Date		9/15/2004	9/20/2004	9/20/2004	9/16/2004	9/16/2004	9/16/2004	9/16/2004	9/22/2004	9/22/2004	9/27/2004	9/27/2004	9/27/2004	9/13/2004	9/17/2004	9/13/2004	9/13/2004	9/27/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Organochlorine Pesticides/PCBs																			
Aroclor-1016	3,900	µg/kg	ND (38)	ND (36)	ND (55)	ND (35)	ND (53)	ND (340)	ND (350)	ND (35)	ND (78)	ND (240)	---	ND (240)	ND (43)	ND (790)	ND (3,600)	---	ND (200)
Aroclor-1221	220	µg/kg	ND (76)	ND (73)	ND (110)	ND (71)	ND (110)	ND (700)	ND (720)	ND (71)	ND (160)	ND (480)	---	ND (480)	ND (87)	ND (1,600)	ND (7,300)	---	ND (410)
Aroclor-1232	220	µg/kg	ND (38)	ND (36)	ND (55)	ND (35)	ND (53)	ND (340)	ND (350)	ND (35)	ND (78)	ND (240)	---	ND (240)	ND (43)	ND (790)	ND (3,600)	---	ND (200)
Aroclor-1242	220	µg/kg	ND (38)	ND (36)	ND (55)	ND (35)	ND (53)	ND (340)	ND (350)	ND (35)	ND (78)	ND (240)	---	ND (240)	ND (43)	ND (790)	ND (3,600)	---	ND (200)
Aroclor-1248	220	µg/kg	ND (38)	ND (36)	ND (55)	ND (35)	ND (53)	ND (340)	ND (350)	ND (35)	ND (78)	ND (240)	---	ND (240)	ND (43)	ND (790)	ND (3,600)	---	ND (200)
Aroclor-1254	220	µg/kg	ND (38)	ND (36)	ND (55)	ND (35)	ND (53)	ND (340)	ND (350)	ND (35)	ND (78)	ND (240)	---	ND (240)	ND (43)	ND (790)	ND (3,600)	---	ND (200)
Aroclor-1260	220	µg/kg	ND (38)	ND (36)	ND (55)	ND (35)	ND (53)	ND (340)	ND (350)	ND (35)	ND (78)	ND (240)	---	ND (240)	ND (43)	ND (790)	ND (3,600)	---	640
beta-BHC	320	µg/kg	ND (1.9)	ND (1.8)	ND (2.8)	ND (1.8)	ND (2.7)	ND (18)	ND (18)	ND (1.8)	ND (4)	ND (12)	---	ND (12)	16 J	ND (40)	ND (180)	---	ND (10)
delta-BHC	90	µg/kg	ND (1.9)	ND (1.8)	ND (2.8)	ND (1.8)	ND (2.7)	ND (18)	ND (18)	ND (1.8)	ND (4)	ND (12)	---	ND (12)	ND (2.2)	ND (40)	ND (180)	---	ND (10)
Dieldrin	30	µg/kg	2.8	100 J	ND (5.5)	25	6.5	150 NJ	300 NJ	ND (3.5)	120 J	2,400	---	1,900	49 J	2,000	2,200 J	---	1,300
Endosulfan I	370,000	µg/kg	ND (1.9)	ND (1.8)	ND (2.8)	ND (1.8)	ND (2.7)	ND (18)	ND (18)	ND (1.8)	ND (4)	ND (12)	---	ND (12)	ND (2.2)	ND (40)	ND (180)	---	ND (10)
Endosulfan II	370,000	µg/kg	ND (3.8)	ND (3.6)	ND (5.5)	ND (3.5)	ND (5.3)	ND (34)	ND (35)	ND (3.5)	ND (7.8)	ND (24)	---	ND (24)	ND (4.3)	ND (79)	ND (360)	---	ND (20)
Endosulfan sulfate	370,000	µg/kg	ND (3.8)	ND (3.6)	ND (5.5)	ND (3.5)	ND (5.3)	ND (34)	ND (35)	ND (3.5)	ND (7.8)	ND (24)	---	ND (24)	1.6 J	ND (79)	ND (360)	---	ND (20)
Endrin	18,000	µg/kg	ND (3.8)	ND (3.6)	ND (5.5)	ND (3.5)	ND (5.3)	ND (34)	ND (35)	ND (3.5)	ND (7.8)	ND (24)	---	ND (24)	ND (4.3)	ND (79)	ND (360)	---	ND (20)
Endrin aldehyde	18,000	µg/kg	ND (3.8)	ND (3.6)	ND (5.5)	ND (3.5)	ND (5.3)	ND (34)	ND (35)	ND (3.5)	ND (7.8)	ND (24)	---	ND (24)	ND (4.3)	ND (79)	ND (360)	---	ND (20)
Endrin ketone	18,000	µg/kg	ND (3.8)	1.8 NJ	ND (5.5)	ND (3.5)	6.5 NJ	ND (34)	ND (35)	ND (3.5)	ND (7.8)	ND (24)	---	ND (24)	ND (4.3)	ND (79)	ND (360)	---	ND (20)
gamma-BHC	440	µg/kg	ND (1.9)	ND (1.8) J	ND (2.8)	ND (1.8)	2.5 NJ	ND (18)	ND (18)	ND (1.8)	ND (4)	ND (12)	---	ND (12)	ND (2.2)	ND (40)	ND (180)	---	ND (10)
gamma-Chlordane	1,600	µg/kg	ND (1.9)	1 J	ND (2.8)	1 NJ	ND (2.7)	ND (18)	ND (18)	ND (1.8)	47	43 J	---	21 J	10 J	ND (40)	190	---	23 J
Heptachlor	110	µg/kg	ND (1.9)	ND (1.8)	2.5 NJ	ND (1.8)	8.6 NJ	ND (18)	ND (18)	ND (1.8)	ND (4)	ND (12)	---	ND (12)	ND (2.2)	ND (40)	ND (180)	---	ND (10)
Heptachlor epoxide	53	µg/kg	ND (1.9)	ND (1.8)	ND (2.8)	ND (1.8)	ND (2.7)	ND (18)	ND (18)	ND (1.8)	ND (4)	ND (12)	---	ND (12)	ND (2.2)	ND (40)	ND (180)	---	ND (10)
Methoxychlor	310,000	µg/kg	ND (19)	ND (18)	ND (28)	ND (18)	ND (27)	ND (180)	ND (180)	ND (18)	ND (40)	ND (120)	---	ND (120)	ND (22)	ND (400)	ND (1,800)	---	ND (100)
Toxaphene	440	µg/kg	ND (190)	ND (180)	ND (280)	ND (180)	ND (270)	ND (1,800)	ND (1,800)	ND (180)	ND (400)	ND (1,200)	---	ND (1,200)	ND (220)	ND (4,000)	ND (18,000)	---	ND (1,000)
Dioxins/Furans (1)																			
1,2,3,4,6,7,8-HpCDD	390	ng/kg	0.706 J	307	---	---	---	---	---	---	---	1,100 J	51 J	---	---	---	---	---	---
1,2,3,4,6,7,8-HpCDF	390	ng/kg	ND (0.379)	60.1	---	---	---	---	---	---	---	178 J	10.4 J	---	---	---	---	---	---
1,2,3,4,7,8,9-HpCDF	390	ng/kg	ND (0.417)	4.25 J	---	---	---	---	---	---	---	8.51 J	0.982 J	---	---	---	---	---	---
1,2,3,4,7,8-HxCDD	39	ng/kg	ND (0.383)	1.75 J	---	---	---	---	---	---	---	16.4 J	0.623 J	---	---	---	---	---	---
1,2,3,4,7,8-HxCDF	39	ng/kg	ND (0.319)	2.46 J	---	---	---	---	---	---	---	ND (19.1) J	ND (2.28) J	---	---	---	---	---	---
1,2,3,6,7,8-HxCDD	39	ng/kg	ND (0.371)	10.7	---	---	---	---	---	---	---	73.5 J	2.8 J	---	---	---	---	---	---
1,2,3,6,7,8-HxCDF	39	ng/kg	ND (0.511)	2.18 J	---	---	---	---	---	---	---	16.8 J	0.575 J	---	---	---	---	---	---
1,2,3,7,8,9-HxCDD	39	ng/kg	ND (0.318)	2.59 J	---	---	---	---	---	---	---	41.4 J	1.53 J	---	---	---	---	---	---
1,2,3,7,8,9-HxCDF	39	ng/kg	ND (0.496)	1.17 J	---	---	---	---	---	---	---	8.75 J	ND (0.312) J	---	---	---	---	---	---
1,2,3,7,8-PeCDD	3.9	ng/kg	ND (0.625)	1.03 J	---	---	---	---	---	---	---	15.3 J	0.702 J	---	---	---	---	---	---
1,2,3,7,8-PeCDF	78	ng/kg	ND (0.504)	ND (4.62)	---	---	---	---	---	---	---	ND (69.8) J	ND (0.315) J	---	---	---	---	---	---
2,3,4,6,7,8-HxCDF	39	ng/kg	ND (0.282)	1.57 J	---	---	---	---	---	---	---	16.9 J	1.01 J	---	---	---	---	---	---
2,3,4,7,8-PeCDF	7.8	ng/kg	ND (0.349)	7.67	---	---	---	---	---	---	---	42.4 J	1.09 J	---	---	---	---	---	---
2,3,7,8-TCDD	3.9	ng/kg	ND (0.631)	ND (0.389)	---	---	---	---	---	---	---	ND (3.89) J	ND (0.273) J	---	---	---	---	---	---
2,3,7,8-TCDF	39	ng/kg	ND (0.943)	ND (0.316)	---	---	---	---	---	---	---	5.36 J	ND (0.326) J	---	---	---	---	---	---
OCDD	39,000	ng/kg	ND (3.47)	5,040	---	---	---	---	---	---	---	8,420 J	479 J	---	---	---	---	---	---
OCDF	39,000	ng/kg	ND (0.519)	157 J	---	---	---	---	---	---	---	354 J	34.3 J	---	---	---	---	---	---
Total Dioxin Toxicity equivalent	3.9	ng/kg	0.92 J	11.7 J	---	---	---	---	---	---	---	72.8 J	2.87 J	---	---	---	---	---	---

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location	RSB-22	RSB-23	RSB-23	RSB-24	RSB-24	RSB-25	RSB-25	RSB-26	RSB-26	RSB-27	RSB-27	RSB-28	RSB-28	RSB-29	RSB-29	RSB-30	RSB-31
	Sample Bottom Depth	6 ft bgs	2 ft bgs	6 ft bgs	3 ft bgs	3 ft bgs (FD)	3 ft bgs	6 ft bgs	3 ft bgs	6 ft bgs	3 ft bgs	6 ft bgs	3 ft bgs	6 ft bgs	3 ft bgs	6 ft bgs	3 ft bgs	3 ft bgs
	Concrete Thickness	12 inches	9 inches	9 inches	10 inches	10 inches	9 inches	9 inches	9 inches	9 inches	9 inches	9 inches	9 inches	9 inches	10 inches	10 inches	12 inches	6 inches
	Sample Date	9/27/2004	9/28/2004	9/28/2004	9/29/2004	9/29/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/15/2004	9/17/2004
Analyte	**Screening Level** **Units**	**Analytical Results**																
Volatile Organic Compounds																		
1,1,1-Trichloroethane	1,200,000 µg/kg	ND (12) J	ND (12) J	60 J	43 J	81 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
1,1,2,2-Tetrachloroethane	410 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
1,1,2-Trichloroethane	730 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
1,1-Dichloroethane	2,800 µg/kg	320 J	450 J	2,400 J	12,000 J	13,000 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	15	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
1,1-Dichloroethene	120,000 µg/kg	ND (12) J	6 J	87 J	240 J	140 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
1,2,4-Trichlorobenzene	62,000 µg/kg	ND (12) J	ND (12) J	ND (12) J	30 J	14 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
1,2-Dibromo-3-chloropropane	30 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
1,2-Dibromoethane	32 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
1,2-Dichlorobenzene	600,000 µg/kg	33,000 J	24,000 J	52 J	59,000 J	41,000 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
1,2-Dichloroethane	280 µg/kg	ND (12) J	ND (12) J	ND (12) J	220 J	140 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
1,2-Dichloropropane	340 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
1,3-Dichlorobenzene	530,000 µg/kg	15 J	61 J	6 J	150 J	160 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
1,4-Dichlorobenzene	3,400 µg/kg	290 J	320 J	45 J	790 J	840 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
1,4-Dioxane (p-dioxane)	44,000 µg/kg	ND (290)	ND (290)	ND (290)	ND (300)	ND (310)	ND (290)	ND (280)	ND (300)	ND (290)	ND (280)	ND (290)	ND (280)	ND (310)	ND (270)	ND (300)	ND (300) J	ND (340) J
2-Hexanone	NE µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11) J	ND (13) J	ND (11) J	ND (12) J	ND (12) J	ND (14) J
Acetone	14,000,000 µg/kg	ND (46)	200 J	ND (130)	860 J	730 J	73 J	37 J	ND (12) J	49 J	ND (11) J	79 J	ND (11) J	24 J	ND (11) J	35 J	ND (12) J	ND (14) J
Benzene	640 µg/kg	800 J	200 J	1,000 J	3,500 J	1,500 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Bromodichloromethane	820 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Bromoform	62,000 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Bromomethane	3,900 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Carbon disulfide	360,000 µg/kg	ND (12) J	9 J	3 J	4 J	4 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Carbon tetrachloride	250 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Chlorobenzene	150,000 µg/kg	240 J	930 J	940 J	2,400 J	2,500 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Chloroethane	3,000 µg/kg	12 J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Chloroform	940 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Chloromethane	47,000 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
cis-1,2-Dichloroethene	43,000 µg/kg	3,200 J	9,500 J	190,000 J	240,000	240,000	ND (12)	ND (11)	ND (12)	ND (12)	9 J	37	ND (11)	3 J	ND (11)	ND (12)	ND (12) J	ND (14) J
cis-1,3-Dichloropropene	780 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Cyclohexane	140,000 µg/kg	3,200 J	470 J	2,800 J	3,300 J	1,500 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Dibromochloromethane	1,100 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Ethylbenzene	400,000 µg/kg	110,000 J	45,000 J	51,000 J	89,000	66,000	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Freon 11	390,000 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Freon 113	5,600,000 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Freon 12	94,000 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Isopropylbenzene (cumene)	570,000 µg/kg	17,000 J	1,400 J	20,000 J	9,300 J	1,300 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Methyl acetate	22,000,000 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Methyl ethyl ketone	22,000,000 µg/kg	ND (12) J	ND (12) J	ND (12) J	570 J	290 J	16	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Methyl isobutyl ketone	5,300,000 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (11)	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11) J	ND (13) J	ND (11) J	ND (12) J	ND (12) J	ND (14) J
Methyl tert-butyl ether	32,000 µg/kg	ND (12)	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Methylcyclohexane	2,600,000 µg/kg	78,000 J	8,300 J	30,000 J	20,000 J	8,500 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Methylene chloride	9,100 µg/kg	12 J	12 J	15 J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	4 J
Styrene	1,700,000 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
tert-Butyl alcohol	13,000,000 µg/kg	ND (120)	ND (120) J	ND (120) J	ND (120)	ND (120)	ND (120)	ND (110)	ND (120) J	ND (120) J	ND (110) J	ND (120) J	ND (110) J	ND (130) J	ND (110) J	ND (120) J	ND (120) J	ND (142) J
Tetrachloroethene	480 µg/kg	71 J	63 J	1,400 J	64 J	110 J	ND (12)	ND (11)	ND (12)	ND (12)	11 J	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Toluene	520,000 µg/kg	520,000 J	490,000 J	1,600,000 J	530,000	350,000	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
trans-1,2-Dichloroethene	69,000 µg/kg	20 J	120 J	790 J	1,200 J	900 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
trans-1,3-Dichloropropene	780 µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Trichloroethene	53 µg/kg	4 J	130 J	7,300 J	920 J	490 J	ND (12)	ND (11)	4 J	ND (12)	3 J	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Vinyl chloride	79 µg/kg	130 J	180 J	330 J	950 J	600 J	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		RSB-22	RSB-23	RSB-23	RSB-24	RSB-24	RSB-25	RSB-25	RSB-26	RSB-26	RSB-27	RSB-27	RSB-28	RSB-28	RSB-29	RSB-29	RSB-30	RSB-31
	Sample Bottom Depth		6 ft bgs	2 ft bgs	6 ft bgs	3 ft bgs	3 ft bgs (FD)	3 ft bgs	6 ft bgs	3 ft bgs	6 ft bgs	3 ft bgs	6 ft bgs	3 ft bgs	6 ft bgs	3 ft bgs	6 ft bgs	3 ft bgs	3 ft bgs
	Concrete Thickness		12 inches	9 inches	9 inches	10 inches	10 inches	9 inches	9 inches	9 inches	9 inches	9 inches	9 inches	9 inches	9 inches	10 inches	10 inches	12 inches	6 inches
	Sample Date		9/27/2004	9/28/2004	9/28/2004	9/29/2004	9/29/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/15/2004	9/17/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
Xylenes, total	270,000	µg/kg	540,000 J	370,000 J	350,000 J	640,000	510,000	ND (12)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (13)	ND (11)	ND (12)	ND (12) J	ND (14) J
Semivolatile Organic Compounds																			
1,1'-Biphenyl	3,000,000	µg/kg	2,900 J	2,700 J	5,900 J	1,500 J	1,600 J	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
1,2,4,5-Tetrachlorobenzene	3,200	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450) J
2,2'-Oxybis(1-Chloropropane)	220	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
2,4,5-Trichlorophenol	6,100,000	µg/kg	ND (29,000)	ND (29,000)	ND (30,000)	ND (4,900)	ND (7,500)	ND (970)	ND (930)	ND (980)	ND (970)	ND (930)	ND (970)	ND (930)	ND (1,000)	ND (890)	ND (1,000)	ND (990)	ND (1,100)
2,4,6-Trichlorophenol	6,100	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
2,4-Dichlorophenol	180,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450) J
2,4-Dimethylphenol	1,200,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
2,4-Dinitrophenol	120,000	µg/kg	ND (29,000)	ND (29,000)	ND (30,000)	ND (4,900)	ND (7,500)	ND (970)	ND (930)	ND (980)	ND (970)	ND (930)	ND (970)	ND (930)	ND (1,000)	ND (890)	ND (1,000)	ND (990)	ND (1,100) J
2,4-Dinitrotoluene	120,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
2,6-Dinitrotoluene	61,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
2-Chloronaphthalene	4,900,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
2-Chlorophenol	63,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
2-Methylnaphthalene	150,000	µg/kg	550,000 J	110,000 J	550,000 J	44,000	45,000	ND (380)	ND (370)	97 J	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	77 J	ND (400)	ND (390)	ND (450)
2-Methylphenol	3,100,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	990 J	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
2-Nitroaniline	180,000	µg/kg	ND (29,000)	ND (29,000)	ND (30,000)	ND (4,900)	ND (7,500)	ND (970)	ND (930)	ND (980)	ND (970)	ND (930)	ND (970)	ND (930)	ND (1,000)	ND (890)	ND (1,000)	ND (990)	ND (1,100)
2-Nitrophenol	NE	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
3,3'-Dichlorobenzidine	1,100	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
3-Nitroaniline	18,000	µg/kg	ND (29,000)	ND (29,000)	ND (30,000)	ND (4,900)	ND (7,500)	ND (970)	ND (930)	ND (980)	ND (970)	ND (930)	ND (970)	ND (930)	ND (1,000)	ND (890)	ND (1,000)	ND (990)	ND (1,100)
4,6-Dinitro-2-methylphenol	NE	µg/kg	ND (29,000)	ND (29,000)	ND (30,000)	ND (4,900)	ND (7,500)	ND (970)	ND (930)	ND (980)	ND (970)	ND (930)	ND (970)	ND (930)	ND (1,000)	ND (890)	ND (1,000)	ND (990)	ND (1,100)
4-Bromophenylphenyl ether	NE	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
4-Chloro-3-methylphenol	3,100,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	2,000	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
4-Chloroaniline	240,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
4-Chlorophenylphenyl ether	NE	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
4-Methylphenol	310,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	1,500 J	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
4-Nitroaniline	23,000	µg/kg	ND (29,000)	ND (29,000)	ND (30,000)	ND (4,900)	ND (7,500)	ND (970)	ND (930)	ND (980)	ND (970)	ND (930)	ND (970)	ND (930)	ND (1,000)	ND (890)	ND (1,000)	ND (990)	ND (1,100)
4-Nitrophenol	120,000	µg/kg	ND (29,000)	ND (29,000)	ND (30,000)	ND (4,900)	ND (7,500)	ND (970)	ND (930)	ND (980)	ND (970)	ND (930)	ND (970)	ND (930)	ND (1,000)	ND (890)	ND (1,000)	ND (990)	ND (1,100)
Acenaphthene	3,700,000	µg/kg	3,200 J	ND (12,000)	4,100 J	3,200	3,400	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Acenaphthylene	2,300,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Acetophenone	100,000,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Anthracene	22,000,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	1,100 J	970 J	ND (380)	81 J	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Atrazine	2,200	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Benzaldehyde	6,100,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Benzo(a)anthracene	620	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	550 J	ND (3,000)	270 J	460	140 J	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Benzo(a)pyrene	62	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	500	790	150 J	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Benzo(b)fluoranthene	620	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	350 J	600	130 J	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Benzo(g,h,i)perylene	2,300,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	620	680	160 J	ND (380)	110 J	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Benzo(k)fluoranthene	380	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	410	630	150 J	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Benzyl butyl phthalate	12,000,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	7,600	6,400	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
bis(2-Chloroethoxy)methane	220	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
bis(2-Chloroethyl)ether	220	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
bis(2-Ethylhexyl)phthalate	35,000	µg/kg	ND (12,000)	3,300 J	2,800 J	3,200	4,200	ND (380)	ND (370)	ND (390)	ND (380)	2,300	1,900	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Caprolactam	31,000,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Carbazole	24,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	1,100 J	930 J	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Chrysene	3,800	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	910 J	830 J	400	650	180 J	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Dibenz(a,h)anthracene	62	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	100 J	160 J	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Dibenzofuran	150,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	2,000	2,000 J	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Diethylphthalate	49,000,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		RSB-22	RSB-23	RSB-23	RSB-24	RSB-24	RSB-25	RSB-25	RSB-26	RSB-26	RSB-27	RSB-27	RSB-28	RSB-28	RSB-29	RSB-29	RSB-30	RSB-31
	Sample Bottom Depth		6 ft bgs	2 ft bgs	6 ft bgs	3 ft bgs	3 ft bgs (FD)	3 ft bgs	6 ft bgs	3 ft bgs	6 ft bgs	3 ft bgs	6 ft bgs	3 ft bgs	6 ft bgs	3 ft bgs	6 ft bgs	3 ft bgs	3 ft bgs
	Concrete Thickness		12 inches	9 inches	9 inches	10 inches	10 inches	9 inches	9 inches	9 inches	9 inches	9 inches	9 inches	9 inches	9 inches	10 inches	10 inches	12 inches	6 inches
	Sample Date		9/27/2004	9/28/2004	9/28/2004	9/29/2004	9/29/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/14/2004	9/15/2004	9/17/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Semivolatile Organic Compounds																			
Dimethylphthalate	100,000,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Di-n-butyl phthalate	6,100,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	530 J	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Di-n-octyl phthalate	2,400,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Fluoranthene	2,300,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	4,200	3,400	710	1,300	300 J	ND (380)	89 J	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Fluorene	2,700,000	µg/kg	2,600 J	2,400 J	3,600 J	3,400	3,600	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Hexachlorobenzene	300	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Hexachlorobutadiene	6,200	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Hexachlorocyclopentadiene	370,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Hexachloroethane	35,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Indeno(1,2,3-c,d)pyrene	620	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	540	740	140 J	ND (380)	82 J	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Isophorone	510,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Naphthalene	1,700	µg/kg	62,000	30,000	65,000	13,000	13,000	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Nitrobenzene	20,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
N-Nitrosodi-n-propylamine	69	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
N-Nitrosodiphenylamine	99,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Pentachlorophenol	3,000	µg/kg	ND (29,000) J	ND (29,000) J	6,700 J	ND (4,900)	ND (7,500)	ND (970)	ND (930)	ND (980)	ND (970)	ND (930)	ND (970)	ND (930)	ND (1,000)	ND (890)	ND (1,000)	ND (990)	ND (1,100)
Phenanthrene	2,300,000	µg/kg	4,300 J	4,300 J	5,200 J	8,300	7,300	360 J	550	290 J	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Phenol	18,000,000	µg/kg	ND (12,000)	ND (12,000)	ND (12,000)	ND (2,000)	ND (3,000)	ND (380)	ND (370)	ND (390)	ND (380)	ND (370)	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Pyrene	2,300,000	µg/kg	2,700 J	ND (12,000)	ND (12,000)	3,700	3,600	940	1,600	310 J	ND (380)	120 J	ND (380)	ND (370)	ND (410)	ND (350)	ND (400)	ND (390)	ND (450)
Metals																			
Aluminum	76,000	mg/kg	8,050	11,200	6,260	12,400	16,600	8,300	6,070	10,400	7,190	14,000	7,070	8,030	6,090	6,520	7,460	8,020	7,980
Antimony	31	mg/kg	5.7 J	2.9 J	ND (12) J	1.2 J	1.9 J	10.9	2.4 J	4.3 J	1.3 J	1.4 J	1.1 J	2.5 J	0.54 J	0.77 J	1 J	ND (12)	3.4 J
Arsenic	22	mg/kg	5.3	6.3	1.3	15	14.5	5.8	5.6	13.4	7.6	13.7	5.6	53.7	5.1	3.9	6.9	14.2	9
Barium	5,400	mg/kg	200	385	46.8	541	848	324	298	750	332	206	123	176	78.5	122	167	264	313
Beryllium	150	mg/kg	0.43	0.49	0.24	0.5 J	0.69	0.33 J	0.21 J	0.32 J	0.28 J	0.26 J	0.23 J	0.23 J	0.18 J	0.24 J	0.27 J	0.23 J	0.29 J
Cadmium	37	mg/kg	ND (1)	0.3 J	ND (1)	1.1	1.3	0.86	0.41 J	5.7	0.98	0.52 J	1.1	0.55 J	ND (1)	0.24 J	ND (1)	2.1	0.81
Calcium	NE	mg/kg	14,600 J	36,900 J	1,750 J	16,200	24,400	10,400	5,140	20,900	8,640	8,330	4,550	8,920	3,040	5,300	5,790	12,400	9,980
Chromium	210	mg/kg	29.5	109	32	2,650	2,610	24.5	31.6	68.4	69.2	103	126	138	31.5	28.4	36.4	33.5	75.4
Cobalt	900	mg/kg	5.7 J	9.6 J	4 J	14.8	16.5	5.4 J	5.1 J	9.1	9.2	11.3	5.2 J	6.3	4.2 J	3.7 J	5.2 J	5.9	5.8 J
Copper	3,100	mg/kg	148	40.8	8.2	235	227	409	217	205	57.7	63.6	24.6	35.7	7.3	20	28.5	65.3	108
Iron	23,000	mg/kg	14,100	16,400	8,510	52,900	66,200	29,400	37,300	31,600	16,600	31,700	15,900	17,700	9,360	11,000	12,200	16,300	32,600
Lead	194	mg/kg	156 J	174 J	3 J	560	590	5,130	226	2,150	347	145	83.6	188	3.1	133	63.6	300	2,170
Magnesium	NE	mg/kg	2,090	3,720	1,570	4,010	4,700	3,690	1,870	2,380	1,760	8,440	2,050	2,850	1,630	1,670	1,970	1,990	1,740
Manganese	1,800	mg/kg	155	264	107	2,450	2,100	375	334	393	205	528	251	324	149	206	223	312	269
Nickel	1,600	mg/kg	22.5	29.1	20.3	126	97.5	34.4	27.6	36.3	23.6	28.8	26.1	19.2	17.3	18.2	21.8	23.8	25.8
Potassium	NE	mg/kg	1,350	1,820	737	1,770 J	1,860 J	1,750 J	1,050 J	1,390 J	1,060 J	1,080 J	973 J	869 J	717 J	974 J	1,050 J	1,010	1,030
Selenium	390	mg/kg	ND (7)	ND (7)	ND (7)	ND (7)	ND (7)	2.7 J	3.5 J	3 J	1.6 J	3 J	1.6 J	1.9 J	1.1 J	1.1 J	1.2 J	1.2 J	2.2 J
Silver	390	mg/kg	0.42	0.7	0.13	0.76 J	0.81 J	0.55 J	0.24 J	0.97 J	0.32 J	0.35 J	0.25 J	0.85 J	0.19 J	0.21 J	0.71 J	0.43 J	0.7 J
Sodium	NE	mg/kg	650	477	134	733	1,260	230 J	167 J	457 J	490 J	402 J	323 J	237 J	180 J	174 J	337 J	347 J	446 J
Thallium	5.2	mg/kg	ND (5) J	ND (5) J	ND (5) J	4.1	5.7	0.47 J	0.43 J	0.4 J	ND (5)	0.88 J	ND (5)	2.6 J	ND (5)	ND (5)	ND (5)	0.96 J	1.4 J
Vanadium	78	mg/kg	31.3	30.9	23.5	31.7	40.1	26.9	22.2	31.8	26.1	58.3	24.3	28.4	21.8	24.7	26.6	26.5	31.2
Zinc	23,000	mg/kg	116 J	269 J	17.1 J	370	400	452	259	1,390	248	330	153	223	17.5	77.5	62.6	736	557
Organochlorine Pesticides/PCBs																			
4,4'-DDD	2,400	µg/kg	15,000	11,000	34,000	3,100 J	3,500 J	ND (3.8)	5.2	320	82	11,000	420	1,100	2.6 J	2.4	5.2	5.9	ND (4.5)
4,4'-DDE	1,700	µg/kg	2,400 J	3,500	3,400	1,900 J	2,200 J	1.3 J	1.9 J	570	30	8,600	300	1,100	8.2 J	7.2	11	11	ND (4.5)
4,4'-DDT	1,700	µg/kg	ND (19)	150 J	ND (390)	ND (39)	ND (43)	5.4 J	12 J	150	12	140,000	3,100	8,200	23	16	31	45	ND (4.5)
Aldrin	29	µg/kg	710 J	20	ND (200)	15 J	6.5 J	ND (2)	ND (1.9)	ND (2)	ND (2)	ND (960)	ND (2)	ND (19)	ND (2.1)	ND (1.8)	ND (2.1)	ND (2)	ND (2.3)
alpha-BHC	90	µg/kg	5.5 J	2.4 J	ND (200)	ND (20)	ND (22)	ND (2)	ND (1.9)	ND (2)	ND (2)	ND (960)	ND (2)	ND (19)	ND (2.1)	ND (1.8)	ND (2.1)	ND (2)	ND (2.3)
alpha-Chlordane	1,600	µg/kg	15 J	5.2 J	45 J	16 J	19 J	ND (2)	2.4 J	81 J	2.5 J	ND (960)	ND (2)	ND (19)	ND (2.1)	1.7	ND (2.1)	ND (2)	ND (2.3)

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

Sample Location			**RSB-22**	**RSB-23**	**RSB-23**	**RSB-24**	**RSB-24**	**RSB-25**	**RSB-25**	**RSB-26**	**RSB-26**	**RSB-27**	**RSB-27**	**RSB-28**	**RSB-28**	**RSB-29**	**RSB-29**	**RSB-30**	**RSB-31**
Sample Bottom Depth			**6 ft bgs**	**2 ft bgs**	**6 ft bgs**	**3 ft bgs**	**3 ft bgs (FD)**	**3 ft bgs**	**6 ft bgs**	**3 ft bgs**	**6 ft bgs**	**3 ft bgs**	**6 ft bgs**	**3 ft bgs**	**6 ft bgs**	**3 ft bgs**	**6 ft bgs**	**3 ft bgs**	**3 ft bgs**
Concrete Thickness			**12 inches**	**9 inches**	**9 inches**	**10 inches**	**10 inches**	**9 inches**	**9 inches**	**9 inches**	**9 inches**	**9 inches**	**9 inches**	**9 inches**	**9 inches**	**10 inches**	**10 inches**	**12 inches**	**6 inches**
Sample Date			**9/27/2004**	**9/28/2004**	**9/28/2004**	**9/29/2004**	**9/29/2004**	**9/14/2004**	**9/14/2004**	**9/14/2004**	**9/14/2004**	**9/14/2004**	**9/14/2004**	**9/14/2004**	**9/14/2004**	**9/14/2004**	**9/14/2004**	**9/15/2004**	**9/17/2004**
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Organochlorine Pesticides/PCBs																			
Aroclor-1016	3,900	µg/kg	ND (190)	ND (190)	ND (3,900)	ND (390)	ND (430)	ND (38)	ND (37)	ND (39)	ND (38)	ND (19,000)	ND (38)	ND (370)	ND (41)	ND (35)	ND (40)	ND (39)	ND (45)
Aroclor-1221	220	µg/kg	ND (390)	ND (390)	ND (8,000)	ND (800)	ND (870)	ND (78)	ND (75)	ND (79)	ND (78)	ND (38,000)	ND (78)	ND (750)	ND (84)	ND (72)	ND (82)	ND (80)	ND (92)
Aroclor-1232	220	µg/kg	ND (190)	ND (190)	ND (3,900)	ND (390)	ND (430)	ND (38)	ND (37)	ND (39)	ND (38)	ND (19,000)	ND (38)	ND (370)	ND (41)	ND (35)	ND (40)	ND (39)	ND (45)
Aroclor-1242	220	µg/kg	ND (190)	ND (190)	ND (3,900)	ND (390)	ND (430)	ND (38)	ND (37)	ND (39)	ND (38)	ND (19,000)	ND (38)	ND (370)	ND (41)	ND (35)	ND (40)	ND (39)	ND (45)
Aroclor-1248	220	µg/kg	ND (190)	ND (190)	ND (3,900)	ND (390)	ND (430)	ND (38)	ND (37)	ND (39)	ND (38)	ND (19,000)	ND (38)	ND (370)	ND (41)	ND (35)	ND (40)	ND (39)	ND (45)
Aroclor-1254	220	µg/kg	ND (190)	ND (190)	ND (3,900)	ND (390)	ND (430)	ND (38)	ND (37)	ND (39)	ND (38)	ND (19,000)	ND (38)	ND (370)	ND (41)	ND (35)	ND (40)	ND (39)	ND (45)
Aroclor-1260	220	µg/kg	980	ND (190)	ND (3,900)	ND (390)	ND (430)	ND (38)	ND (37)	ND (39)	ND (38)	ND (19,000)	ND (38)	ND (370)	ND (41)	ND (35)	ND (40)	ND (39)	ND (45)
beta-BHC	320	µg/kg	ND (10)	ND (10)	ND (200)	35 J	ND (22)	24 J	5.8 J	5.1 J	2.5	ND (960)	1.9 J	ND (19)	ND (2.1)	2.6 J	1.5 J	ND (2)	ND (2.3)
delta-BHC	90	µg/kg	ND (10)	ND (10)	ND (200)	ND (20)	ND (22)	ND (2)	ND (1.9)	ND (2)	ND (2)	ND (960)	ND (2)	ND (19)	ND (2.1)	ND (1.8)	ND (2.1)	ND (2)	ND (2.3)
Dieldrin	30	µg/kg	2,000	1,800 J	1,900 J	460 J	500 J	ND (3.8)	ND (3.7)	19 J	2.6 J	ND (1,900)	1.7 J	8.5 J	ND (4.1)	5.4	ND (4)	ND (1.5) J	ND (4.5)
Endosulfan I	370,000	µg/kg	ND (10)	ND (10)	ND (200)	ND (20)	ND (22)	ND (2)	ND (1.9)	ND (2)	ND (2)	ND (960)	ND (2)	ND (19)	0.74 J	ND (1.8)	ND (2.1)	ND (2)	ND (2.3)
Endosulfan II	370,000	µg/kg	ND (19)	ND (19)	ND (390)	ND (39)	ND (43)	ND (3.8)	ND (3.7)	ND (3.9)	ND (3.8)	ND (1,900)	ND (3.8)	ND (37)	ND (4.1)	ND (3.5)	ND (4)	ND (3.9)	ND (4.5)
Endosulfan sulfate	370,000	µg/kg	ND (19)	ND (19)	ND (390)	ND (39)	ND (43)	4.4 J	ND (3.7)	ND (3.9)	ND (3.8)	ND (1,900)	ND (3.8)	ND (37)	ND (4.1)	ND (3.5)	ND (4)	ND (3.9)	ND (4.5)
Endrin	18,000	µg/kg	ND (19)	4.6 J	ND (390)	ND (39)	ND (43)	ND (3.8)	1.2 J	ND (3.9)	ND (3.8)	ND (1,900)	3.5 J	14 J	ND (4.1)	1.1 J	ND (4)	ND (3.9)	ND (4.5)
Endrin aldehyde	18,000	µg/kg	ND (19)	ND (19)	ND (390)	ND (39)	ND (43)	3 J	ND (3.7)	ND (3.9)	ND (3.8)	ND (1,900)	ND (3.8)	ND (37)	ND (4.1)	ND (3.5)	ND (4)	ND (3.9)	ND (4.5)
Endrin ketone	18,000	µg/kg	ND (19)	ND (19)	ND (390)	ND (39)	12 J	2.3	ND (3.7)	ND (3.9)	ND (3.8)	ND (1,900)	ND (3.8)	ND (37)	ND (4.1)	ND (3.5)	ND (4)	ND (3.9)	ND (4.5)
gamma-BHC	440	µg/kg	ND (10)	ND (10)	ND (200)	ND (20)	ND (22)	ND (2)	ND (1.9)	ND (2)	ND (2)	420	24	13	ND (2.1)	ND (1.8)	ND (2.1)	ND (2)	ND (2.3)
gamma-Chlordane	1,600	µg/kg	53	10 J	ND (200)	4.2 J	ND (22)	11 J	5.8 J	83	2.3 J	ND (960)	2.7 J	ND (19)	ND (2.1)	1.9 J	0.77 J	0.65 J	ND (2.3)
Heptachlor	110	µg/kg	ND (10)	ND (10)	ND (200)	8.8 J	ND (22)	ND (2)	ND (1.9)	ND (2)	ND (2)	ND (960)	ND (2)	ND (19)	ND (2.1)	ND (1.8)	ND (2.1)	ND (2)	ND (2.3)
Heptachlor epoxide	53	µg/kg	ND (10)	ND (10)	ND (200)	ND (20)	ND (22)	ND (2)	ND (1.9)	2.8 J	ND (2)	ND (960)	ND (2)	ND (19)	ND (2.1)	ND (1.8)	ND (2.1)	ND (2)	ND (2.3)
Methoxychlor	310,000	µg/kg	ND (100)	ND (100)	ND (2,000)	ND (200)	ND (220)	ND (20)	ND (19)	7 J	ND (20)	ND (9,600)	ND (20)	ND (190)	ND (21)	ND (18)	ND (21)	ND (20)	ND (23)
Toxaphene	440	µg/kg	ND (1,000)	ND (1,000)	ND (20,000)	ND (2,000)	ND (2,200)	ND (200)	ND (190)	ND (200)	ND (200)	ND (96,000)	ND (200)	ND (1,900)	ND (210)	ND (180)	ND (210)	ND (200)	ND (230)
Dioxins/Furans (1)																			
1,2,3,4,6,7,8-HpCDD	390	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4.49 J
1,2,3,4,6,7,8-HpCDF	390	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.56
1,2,3,4,7,8,9-HpCDF	390	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.892 J
1,2,3,4,7,8-HxCDD	39	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (0.545)
1,2,3,4,7,8-HxCDF	39	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.23 J
1,2,3,6,7,8-HxCDD	39	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.04 J
1,2,3,6,7,8-HxCDF	39	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.18 J
1,2,3,7,8,9-HxCDD	39	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (0.473)
1,2,3,7,8,9-HxCDF	39	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.01 J
1,2,3,7,8-PeCDD	3.9	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.76 J
1,2,3,7,8-PeCDF	78	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.71 J
2,3,4,6,7,8-HxCDF	39	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.48 J
2,3,4,7,8-PeCDF	7.8	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4.86 J
2,3,7,8-TCDD	3.9	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (0.833)
2,3,7,8-TCDF	39	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.68 J
OCDD	39,000	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.57 J
OCDF	39,000	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND (1.65)
Total Dioxin Toxicity equivalent	3.9	ng/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.82 J

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		RSB-31	RSB-32	RSB-32	RSB-33	RSB-33	RSB-34	RSB-35	RSB-36	RSB-36	RSB-37	RSB-37	RSB-37	RSB-37	RSB-38	RSB-38	RSB-39	RSB-40
	Sample Bottom Depth		6 ft bgs	3 ft bgs	6 ft bgs	2.5 ft bgs	5.5 ft bgs	3 ft bgs	3 ft bgs	3 ft bgs	6 ft bgs	3.5 ft bgs	3.5 ft bgs (FD)	6 ft bgs	6 ft bgs (FD)	3 ft bgs	6 ft bgs	3 ft bgs	2.5 ft bgs
	Concrete Thickness		6 inches	9 inches	9 inches	4 inches	4 inches	12 inches	12 inches	12 inches	12 inches	16 inches	16 inches	16 inches	16 inches	13 inches	13 inches	12 inches	6 inches
	Sample Date		9/17/2004	9/16/2004	9/16/2004	9/17/2004	9/17/2004	9/28/2004	9/28/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/28/2004	9/28/2004	9/29/2004	9/29/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1-Trichloroethane	1,200,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
1,1,2,2-Tetrachloroethane	410	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
1,1,2-Trichloroethane	730	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
1,1-Dichloroethane	2,800	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
1,1-Dichloroethene	120,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
1,2,4-Trichlorobenzene	62,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
1,2-Dibromo-3-chloropropane	30	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
1,2-Dibromoethane	32	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
1,2-Dichlorobenzene	600,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	15 J	ND (12)	ND (11)	ND (11)
1,2-Dichloroethane	280	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
1,2-Dichloropropane	340	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
1,3-Dichlorobenzene	530,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
1,4-Dichlorobenzene	3,400	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	2 J	ND (12)	ND (11)	ND (11)
1,4-Dioxane (p-dioxane)	44,000	µg/kg	ND (300) J	ND (300) J	ND (300) J	ND (280) J	ND (290) J	ND (270)	ND (270)	ND (290)	ND (310)	ND (270)	ND (280)	ND (290)	ND (290)	ND (270)	ND (300)	ND (280)	ND (280)
2-Hexanone	NE	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Acetone	14,000,000	µg/kg	ND (12) J	25 J	11 J	50 J	23 J	110 J	ND (45)	ND (74) J	92 J	ND (11) J	ND (15) J	ND (12) J	ND (27)	ND (11) J	ND (33)	ND (78) J	ND (21) J
Benzene	640	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Bromodichloromethane	820	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Bromoform	62,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Bromomethane	3,900	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11) J	ND (11)	ND (11) J	ND (12)	ND (11) J	ND (11) J	ND (12)	ND (12) J	ND (11) J	ND (12)	ND (11) J	ND (11) J
Carbon disulfide	360,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12) J	ND (11)	ND (11)	ND (12) J	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Carbon tetrachloride	250	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Chlorobenzene	150,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Chloroethane	3,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Chloroform	940	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Chloromethane	47,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
cis-1,2-Dichloroethene	43,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	2 J	ND (12) J	3 J	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	44 J	7 J	7 J	ND (11)
cis-1,3-Dichloropropene	780	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Cyclohexane	140,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Dibromochloromethane	1,100	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Ethylbenzene	400,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	4 J	ND (11)	ND (11)	ND (12)	2 J	3 J	ND (12)	3 J	45 J	ND (12)	ND (11)	ND (11)
Freon 11	390,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11) J	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Freon 113	5,600,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11) J	ND (12)	ND (11) J	ND (11) J	ND (12)	ND (12) J	ND (11) J	ND (12)	ND (11) J	ND (11) J
Freon 12	94,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11) J	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Isopropylbenzene (cumene)	570,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	430 J	ND (12)	ND (11)	ND (11)
Methyl acetate	22,000,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Methyl ethyl ketone	22,000,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	21 J	ND (12) J	26 J	ND (11)	19	20	ND (11)	ND (11)	ND (12)	ND (12)	6 J	ND (12)	ND (11)	ND (11)
Methyl isobutyl ketone	5,300,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	12 J	ND (12)	ND (11)	ND (11)
Methyl tert-butyl ether	32,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Methylcyclohexane	2,600,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	440 J	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	15 J	ND (12)	ND (11)	ND (11)
Methylene chloride	9,100	µg/kg	ND (12) J	ND (12) J	ND (12) J	2 J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	11 J	ND (12)	ND (11)	ND (11)
Styrene	1,700,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
tert-Butyl alcohol	13,000,000	µg/kg	ND (120) J	ND (120) J	ND (120) J	ND (110) J	ND (120) J	ND (110)	ND (110)	ND (110)	ND (130)	ND (110)	ND (110)	ND (120)	ND (120)	ND (110) J	ND (120)	ND (110)	ND (110)
Tetrachloroethene	480	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Toluene	520,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	9 J	3 J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	170 J	ND (12)	ND (11)	ND (11)
trans-1,2-Dichloroethene	69,000	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
trans-1,3-Dichloropropene	780	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)
Trichloroethene	53	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	4 J	ND (12)	ND (11)	ND (11)
Vinyl chloride	79	µg/kg	ND (12) J	ND (12) J	ND (12) J	ND (11) J	ND (12) J	ND (11)	ND (11)	ND (11)	1 J	ND (11)	ND (11)	ND (12)	ND (12)	ND (11) J	ND (12)	ND (11)	ND (11)

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location	RSB-31	RSB-32	RSB-32	RSB-33	RSB-33	RSB-34	RSB-35	RSB-36	RSB-36	RSB-37	RSB-37	RSB-37	RSB-37	RSB-38	RSB-38	RSB-39	RSB-40
	Sample Bottom Depth	6 ft bgs	3 ft bgs	6 ft bgs	2.5 ft bgs	5.5 ft bgs	3 ft bgs	3 ft bgs	3 ft bgs	6 ft bgs	3.5 ft bgs	3.5 ft bgs (FD)	6 ft bgs	6 ft bgs (FD)	3 ft bgs	6 ft bgs	3 ft bgs	2.5 ft bgs
	Concrete Thickness	6 inches	9 inches	9 inches	4 inches	4 inches	12 inches	12 inches	12 inches	12 inches	16 inches	16 inches	16 inches	16 inches	13 inches	13 inches	12 inches	6 inches
	Sample Date	9/17/2004	9/16/2004	9/16/2004	9/17/2004	9/17/2004	9/28/2004	9/28/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/28/2004	9/28/2004	9/29/2004	9/29/2004
Analyte	**Screening Level** **Units**	**Analytical Results**																
Volatile Organic Compounds																		
Xylenes, total	270,000 µg/kg	ND (12) J	ND (12) J	ND (12) J	5 J	ND (12) J	14 J	ND (11)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (12)	370 J	ND (12)	ND (11)	ND (11)
Semivolatile Organic Compounds																		
1,1'-Biphenyl	3,000,000 µg/kg	ND (390)	160 J	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
1,2,4,5-Tetrachlorobenzene	3,200 µg/kg	ND (390) J	ND (800)	ND (390) J	ND (380) J	ND (770) J	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
2,2'-Oxybis(1-Chloropropane)	220 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
2,4,5-Trichlorophenol	6,100,000 µg/kg	ND (990)	ND (2,000)	ND (990)	ND (940)	ND (1,900)	ND (2,700)	ND (2,800)	ND (950)	ND (1,100)	ND (940)	ND (930)	ND (1,000)	ND (1,000)	ND (910)	ND (1,000)	ND (940)	ND (1,900)
2,4,6-Trichlorophenol	6,100 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
2,4-Dichlorophenol	180,000 µg/kg	ND (390) J	ND (800)	ND (390) J	ND (380) J	ND (770) J	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
2,4-Dimethylphenol	1,200,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
2,4-Dinitrophenol	120,000 µg/kg	ND (990) J	ND (2,000) J	ND (990) J	ND (940) J	ND (1,900) J	ND (2,700)	ND (2,800)	ND (950) J	ND (1,100) J	ND (940) J	ND (930) J	ND (1,000) J	ND (1,000) J	ND (910)	ND (1,000)	ND (940)	ND (1,900) J
2,4-Dinitrotoluene	120,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
2,6-Dinitrotoluene	61,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
2-Chloronaphthalene	4,900,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
2-Chlorophenol	63,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
2-Methylnaphthalene	150,000 µg/kg	ND (390)	ND (800)	ND (390)	170 J	2,100	1,400	4,600	110 J	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	1,200	470	ND (380)	ND (750)
2-Methylphenol	3,100,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
2-Nitroaniline	180,000 µg/kg	ND (990)	ND (2,000)	ND (990)	ND (940)	ND (1,900)	ND (2,700)	ND (2,800)	ND (950)	ND (1,100)	ND (940)	ND (930)	ND (1,000)	ND (1,000)	ND (910)	ND (1,000)	ND (940)	ND (1,900)
2-Nitrophenol	NE µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
3,3'-Dichlorobenzidine	1,100 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
3-Nitroaniline	18,000 µg/kg	ND (990)	ND (2,000)	ND (990)	ND (940)	ND (1,900)	ND (2,700)	ND (2,800)	ND (950)	ND (1,100)	ND (940)	ND (930)	ND (1,000)	ND (1,000)	ND (910)	ND (1,000)	ND (940)	ND (1,900)
4,6-Dinitro-2-methylphenol	NE µg/kg	ND (990)	ND (2,000)	ND (990)	ND (940)	ND (1,900)	ND (2,700)	ND (2,800)	ND (950)	ND (1,100)	ND (940)	ND (930)	ND (1,000)	ND (1,000)	ND (910)	ND (1,000)	ND (940)	ND (1,900)
4-Bromophenylphenyl ether	NE µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
4-Chloro-3-methylphenol	3,100,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
4-Chloroaniline	240,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
4-Chlorophenylphenyl ether	NE µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
4-Methylphenol	310,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
4-Nitroaniline	23,000 µg/kg	ND (990)	ND (2,000)	ND (990)	ND (940)	ND (1,900)	ND (2,700)	ND (2,800)	ND (950)	ND (1,100)	ND (940)	ND (930)	ND (1,000)	ND (1,000)	ND (910)	ND (1,000)	ND (940)	ND (1,900)
4-Nitrophenol	120,000 µg/kg	ND (990)	ND (2,000)	ND (990)	ND (940)	ND (1,900)	ND (2,700)	ND (2,800)	ND (950)	ND (1,100)	ND (940)	ND (930)	ND (1,000)	ND (1,000)	ND (910)	ND (1,000)	ND (940)	ND (1,900)
Acenaphthene	3,700,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Acenaphthylene	2,300,000 µg/kg	ND (390)	690 J	ND (390)	260 J	1,200	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Acetophenone	100,000,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	420 J	280 J	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Anthracene	22,000,000 µg/kg	ND (390)	860	ND (390)	240 J	940	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Atrazine	2,200 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Benzaldehyde	6,100,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Benzo(a)anthracene	620 µg/kg	ND (390)	1,000	ND (390)	1,300	4,300	ND (1,100)	ND (1,100)	ND (380)	ND (420)	80 J	75 J	ND (400)	ND (400)	380	110 J	ND (380)	1,200
Benzo(a)pyrene	62 µg/kg	ND (390)	1,000	ND (390)	2,600	8,900	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	81 J	ND (400)	ND (400)	820	200 J	ND (380)	1,400
Benzo(b)fluoranthene	620 µg/kg	ND (390)	ND (720)	ND (390)	1,700	5,600	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	850	190 J	ND (380)	860
Benzo(g,h,i)perylene	2,300,000 µg/kg	ND (390)	ND (510)	ND (390)	2,300	9,000	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	82 J	ND (400)	ND (400)	840	220 J	ND (380)	1,200
Benzo(k)fluoranthene	380 µg/kg	ND (390)	ND (850)	ND (390)	1,500	3,500	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	720	180 J	ND (380)	890 J
Benzyl butyl phthalate	12,000,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	270 J	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
bis(2-Chloroethoxy)methane	220 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
bis(2-Chloroethyl)ether	220 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
bis(2-Ethylhexyl)phthalate	35,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	360 J	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Caprolactam	31,000,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	230 J	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Carbazole	24,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Chrysene	3,800 µg/kg	ND (390)	1,300	ND (390)	1,800	6,500	ND (1,100)	ND (1,100)	ND (380)	ND (420)	110 J	100 J	ND (400)	ND (400)	600	180 J	ND (380)	1,500
Dibenz(a,h)anthracene	62 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	1,100	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	370	ND (400)	ND (380)	200 J
Dibenzofuran	150,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Diethylphthalate	49,000,000 µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		RSB-31	RSB-32	RSB-32	RSB-33	RSB-33	RSB-34	RSB-35	RSB-36	RSB-36	RSB-37	RSB-37	RSB-37	RSB-37	RSB-38	RSB-38	RSB-39	RSB-40
	Sample Bottom Depth		6 ft bgs	3 ft bgs	6 ft bgs	2.5 ft bgs	5.5 ft bgs	3 ft bgs	3 ft bgs	3 ft bgs	6 ft bgs	3.5 ft bgs	3.5 ft bgs (FD)	6 ft bgs	6 ft bgs (FD)	3 ft bgs	6 ft bgs	3 ft bgs	2.5 ft bgs
	Concrete Thickness		6 inches	9 inches	9 inches	4 inches	4 inches	12 inches	12 inches	12 inches	12 inches	16 inches	16 inches	16 inches	16 inches	13 inches	13 inches	12 inches	6 inches
	Sample Date		9/17/2004	9/16/2004	9/16/2004	9/17/2004	9/17/2004	9/28/2004	9/28/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/28/2004	9/28/2004	9/29/2004	9/29/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Semivolatile Organic Compounds																			
Dimethylphthalate	100,000,000	µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Di-n-butyl phthalate	6,100,000	µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Di-n-octyl phthalate	2,400,000	µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Fluoranthene	2,300,000	µg/kg	81 J	3,000	ND (390)	2,700	12,000	ND (1,100)	ND (1,100)	ND (380)	ND (420)	100 J	89 J	ND (400)	ND (400)	290 J	96 J	ND (380)	1,800
Fluorene	2,700,000	µg/kg	ND (390)	500 J	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Hexachlorobenzene	300	µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Hexachlorobutadiene	6,200	µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Hexachlorocyclopentadiene	370,000	µg/kg	ND (390)	ND (800) J	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Hexachloroethane	35,000	µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Indeno(1,2,3-c,d)pyrene	620	µg/kg	ND (390)	ND (630)	ND (390)	2,300	8,300	ND (1,100)	ND (1,100)	ND (380)	ND (420)	78 J	88 J	ND (400)	ND (400)	1,100	260 J	ND (380)	1,100
Isophorone	510,000	µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Naphthalene	1,700	µg/kg	ND (390)	160 J	ND (390)	160 J	870	250 J	600 J	81 J	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	150 J	ND (400)	ND (380)	ND (750)
Nitrobenzene	20,000	µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
N-Nitrosodi-n-propylamine	69	µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
N-Nitrosodiphenylamine	99,000	µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Pentachlorophenol	3,000	µg/kg	ND (990)	ND (2,000)	ND (990)	ND (940)	ND (1,900)	ND (2,700)	ND (2,800)	ND (950)	ND (1,100)	ND (940)	ND (930)	ND (1,000)	ND (1,000)	ND (910) J	ND (1,000) J	ND (940)	ND (1,900)
Phenanthrene	2,300,000	µg/kg	ND (390)	4,400	ND (390)	1,000	4,400	ND (1,100)	ND (1,100)	ND (380)	ND (420)	78 J	ND (370)	ND (400)	ND (400)	250 J	200 J	ND (380)	440 J
Phenol	18,000,000	µg/kg	ND (390)	ND (800)	ND (390)	ND (380)	ND (770)	ND (1,100)	ND (1,100)	ND (380)	ND (420)	ND (380)	ND (370)	ND (400)	ND (400)	ND (360)	ND (400)	ND (380)	ND (750)
Pyrene	2,300,000	µg/kg	ND (390)	3,600	ND (390)	4,400	16,000	ND (1,100)	ND (1,100)	ND (380)	ND (420)	160 J	130 J	ND (400)	ND (400)	410	170 J	130 J	2,900
Metals																			
Aluminum	76,000	mg/kg	7,750	10,600	14,900	13,500	7,130	7,010	7,430	11,900	6,370	6,810	7,100	7,030	5,820	5,400	6,530	6,510	6,560
Antimony	31	mg/kg	ND (12)	3.6 J	ND (12)	216	3.6 J	1.3 J	0.75 J	0.73 J	ND (12)	0.64 J	1 J	0.34 J	ND (12)	1.4 J	1.3 J	0.57 J	0.38 J
Arsenic	22	mg/kg	2.3	6.4	3.2	20	3.1	15.9	31	20.1	3.6	36.7	31.3	20.2	15.3	4.6	2.8	2.9	2.8
Barium	5,400	mg/kg	123	423	80.2	3,800	157	378	155	1,990	281	179	195	143	110	153	146	132	114
Beryllium	150	mg/kg	0.22 J	0.33 J	0.37 J	0.92	0.26 J	0.26	0.25	0.44 J	0.26 J	0.28 J	0.29 J	0.26 J	0.21 J	0.26	0.28	0.27 J	0.25 J
Cadmium	37	mg/kg	0.26 J	11.1	0.2 J	4.4	0.69	0.13 J	0.2 J	0.3 J	ND (1)	0.45 J	0.37 J	0.15 J	ND (1)	0.36 J	0.21 J	0.16 J	0.3 J
Calcium	NE	mg/kg	3,290	13,600	2,360	16,500	4,110	5,720 J	6,620 J	13,200	4,480	4,880	6,640	4,630	3,440	7,610 J	8,540 J	5,090	4,520
Chromium	210	mg/kg	35.3	102	54.1	51.3	32.5	143	99.6	148	34.9	165	160	152	183	22.9	30.6	26.1	30.6
Cobalt	900	mg/kg	5.5 J	15.1	6.4	9.3	5.3 J	5.3 J	5.6 J	5 J	4.1 J	8.1	8	5.2 J	4.5 J	3.4 J	4 J	5.6 J	4.3 J
Copper	3,100	mg/kg	38.2	349	11.5	418	56	142	27	66.3	19.9	105	91.1	46.9	18.2	54.8	46.5	27.7	67
Iron	23,000	mg/kg	12,200	26,600	19,400	74,500	20,100	20,300	18,000	11,900	8,610	12,500	12,800	11,600	8,540	14,800	13,300	15,600 J	11,200
Lead	194	mg/kg	75.7	1,000	3.6	1,140	115	203 J	340 J	216	52.1	217	240	107	40.5	323 J	180 J	102	160
Magnesium	NE	mg/kg	1,980	2,930	3,470	1,620	1,770	2,510	2,710	2,130	1,780	1,510	1,700	1,640	1,440	1,810	1,940	1,970	1,950
Manganese	1,800	mg/kg	156	450	206	1,110	346	307	312	227	139	167	178	199	153	351	477	291 J	220
Nickel	1,600	mg/kg	25	72.1	44.1	59.8	25	22.9	21.4	20.4	18.2	19.7	19.6	19.3	16.3	22.5	22.4	17.9	21
Potassium	NE	mg/kg	751	1,360	820	3,460	810	722	900	1,030 J	819 J	917 J	1,030 J	994 J	886 J	1,180	1,070	1,080 J	956 J
Selenium	390	mg/kg	0.94 J	1.7 J	1.4 J	4.6	1.5 J	ND (7) J	ND (7) J	ND (7)	ND (7)	ND (7)	ND (7)	ND (7)	ND (7)	ND (7)	0.31 J	ND (7)	ND (7)
Silver	390	mg/kg	0.23 J	0.72 J	0.13 J	1.1 J	0.21 J	0.35	0.26	0.19 J	ND (2)	0.21 J	0.22 J	0.13 J	0.1 J	0.35	0.3	0.29 J	0.095 J
Sodium	NE	mg/kg	181 J	814	143 J	6,500	280 J	320	216	486 J	276 J	154 J	206 J	175 J	140 J	230	428	245 J	144 J
Thallium	5.2	mg/kg	0.41 J	1.1 J	1 J	4.9	0.58 J	ND (5) J	ND (5) J	0.36 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	0.64 J	ND (5)
Vanadium	78	mg/kg	25.7	35.6	42.3	64.2	26.7	30	28.6	32.6	21.9	20.4	21.3	23.8	20.7	17.5	21.6	23	23.4
Zinc	23,000	mg/kg	94.1	702	28.2	8,030	167	221 J	211 J	129	37.1	252	222	106	62.5	199 J	180 J	93.4	172
Organochlorine Pesticides/PCBs																			
4,4'-DDD	2,400	µg/kg	ND (3.9)	9.9	ND (3.9)	3.7 J	65 J	240	71	6,000	250	6,000	5,300	750	1,100	6.7	32 J	ND (3.8)	ND (3.8)
4,4'-DDE	1,700	µg/kg	ND (3.9)	3.5 NJ	ND (3.9)	3.1 NJ	26 J	240	49	6,100	220	410	400	67 J	95	4.3 J	21 J	ND (3.8)	4.1
4,4'-DDT	1,700	µg/kg	ND (3.9)	9.5 NJ	ND (3.9)	3 NJ	2.6 J	16 J	75	27,000	2,800	230	190	49 J	120 J	ND (3.6)	ND (4)	ND (3.8)	26
Aldrin	29	µg/kg	ND (2)	ND (2)	ND (2)	ND (1.9)	ND (2)	ND (1.8)	ND (1.9)	ND (98)	ND (4.3)	ND (39)	ND (38)	ND (2)	ND (4.1)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)
alpha-BHC	90	µg/kg	ND (2)	ND (2)	ND (2)	ND (1.9)	ND (2)	ND (1.8)	ND (1.9)	ND (98)	ND (4.3)	ND (39)	ND (38)	ND (2)	ND (4.1)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)
alpha-Chlordane	1,600	µg/kg	ND (2)	ND (2)	ND (2)	ND (1.9)	ND (2)	2.1 J	1.3 J	ND (98)	ND (4.3)	ND (39)	ND (38)	0.48 J	ND (4.1)	ND (1.9)	ND (2.1)	ND (1.9)	5.9 J

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		RSB-31	RSB-32	RSB-32	RSB-33	RSB-33	RSB-34	RSB-35	RSB-36	RSB-36	RSB-37	RSB-37	RSB-37	RSB-37	RSB-38	RSB-38	RSB-39	RSB-40
	Sample Bottom Depth		6 ft bgs	3 ft bgs	6 ft bgs	2.5 ft bgs	5.5 ft bgs	3 ft bgs	3 ft bgs	3 ft bgs	6 ft bgs	3.5 ft bgs	3.5 ft bgs (FD)	6 ft bgs	6 ft bgs (FD)	3 ft bgs	6 ft bgs	3 ft bgs	2.5 ft bgs
	Concrete Thickness		6 inches	9 inches	9 inches	4 inches	4 inches	12 inches	12 inches	12 inches	12 inches	16 inches	16 inches	16 inches	16 inches	13 inches	13 inches	12 inches	6 inches
	Sample Date		9/17/2004	9/16/2004	9/16/2004	9/17/2004	9/17/2004	9/28/2004	9/28/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/28/2004	9/28/2004	9/29/2004	9/29/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Organochlorine Pesticides/PCBs																			
Aroclor-1016	3,900	µg/kg	ND (39)	ND (40)	ND (39)	ND (38)	ND (38)	ND (35)	ND (37)	ND (1,900)	ND (84)	ND (750)	ND (740)	ND (40)	ND (80)	ND (36)	ND (40)	ND (38)	ND (38)
Aroclor-1221	220	µg/kg	ND (80)	ND (81)	ND (80)	ND (76)	ND (78)	ND (72)	ND (74)	ND (3,900)	ND (170)	ND (1,500)	ND (1,500)	ND (81)	ND (160)	ND (74)	ND (82)	ND (76)	ND (76)
Aroclor-1232	220	µg/kg	ND (39)	ND (40)	ND (39)	ND (38)	ND (38)	ND (35)	ND (37)	ND (1,900)	ND (84)	ND (750)	ND (740)	ND (40)	ND (80)	ND (36)	ND (40)	ND (38)	ND (38)
Aroclor-1242	220	µg/kg	ND (39)	ND (40)	ND (39)	ND (38)	ND (38)	ND (35)	ND (37)	ND (1,900)	ND (84)	ND (750)	ND (740)	ND (40)	ND (80)	ND (36)	ND (40)	ND (38)	ND (38)
Aroclor-1248	220	µg/kg	ND (39)	ND (40)	ND (39)	ND (38)	ND (38)	ND (35)	ND (37)	ND (1,900)	ND (84)	ND (750)	ND (740)	ND (40)	ND (80)	ND (36)	ND (40)	ND (38)	ND (38)
Aroclor-1254	220	µg/kg	ND (39)	ND (40)	ND (39)	ND (38)	ND (38)	ND (35)	ND (37)	ND (1,900)	ND (84)	ND (750)	ND (740)	ND (40)	ND (80)	ND (36)	ND (40)	ND (38)	ND (38)
Aroclor-1260	220	µg/kg	ND (39)	ND (40)	ND (39)	ND (38)	ND (38)	33 J	20 J	ND (1,900)	ND (84)	ND (750)	ND (740)	ND (40)	ND (80)	ND (36)	ND (40)	ND (38)	ND (38)
beta-BHC	320	µg/kg	ND (2)	ND (2)	ND (2)	ND (1.9)	ND (2)	ND (1.8)	ND (1.9)	ND (98)	ND (4.3)	ND (39)	ND (38)	1.2 J	ND (4.1)	ND (1.9)	ND (2.1)	3.3 J	ND (1.9)
delta-BHC	90	µg/kg	ND (2)	ND (2)	ND (2)	ND (1.9)	ND (2)	ND (1.8)	ND (1.9)	ND (98)	ND (4.3)	ND (39)	ND (38)	ND (2)	ND (4.1)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)
Dieldrin	30	µg/kg	ND (3.9)	ND (4)	ND (3.9)	ND (3.8)	10 J	4.9 J	4.4	86 J	ND (8.4)	23 J	21 J	3.9 J	5.5 J	1.2 J	6.2 J	ND (3.8)	1.2 J
Endosulfan I	370,000	µg/kg	ND (2)	ND (2)	ND (2)	ND (1.9)	ND (2)	ND (1.8)	ND (1.9)	ND (98)	ND (4.3)	ND (39)	ND (38)	ND (2)	ND (4.1)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)
Endosulfan II	370,000	µg/kg	ND (3.9)	ND (4)	ND (3.9)	ND (3.8)	ND (3.8)	ND (3.5)	ND (3.7)	ND (190)	ND (8.4)	ND (75)	ND (74)	ND (4)	ND (8)	ND (3.6)	ND (4)	ND (3.8)	ND (3.8)
Endosulfan sulfate	370,000	µg/kg	ND (3.9)	ND (1.4) J	ND (3.9)	ND (3.8)	ND (3.8)	ND (3.5)	ND (3.7)	ND (190)	ND (8.4)	ND (75)	ND (74)	ND (4)	ND (8)	ND (3.6)	ND (4)	ND (3.8)	ND (3.8)
Endrin	18,000	µg/kg	ND (3.9)	ND (4)	ND (3.9)	5.5 NJ	ND (1.8) J	0.8 J	ND (3.7)	ND (190)	2.2 J	ND (75)	ND (74)	ND (4)	ND (8)	ND (3.6)	ND (4)	ND (3.8)	ND (3.8)
Endrin aldehyde	18,000	µg/kg	ND (3.9)	ND (4)	ND (3.9)	ND (3.8)	ND (3.8)	ND (3.5)	ND (3.7)	ND (190)	ND (8.4)	ND (75)	ND (74)	ND (4)	ND (8)	ND (3.6)	ND (4)	ND (3.8)	4.9 J
Endrin ketone	18,000	µg/kg	ND (3.9)	2.4 NJ	ND (3.9)	14 J	5.8 J	ND (3.5)	ND (3.7)	ND (190)	ND (8.4)	ND (75)	ND (74)	ND (4)	ND (8)	ND (3.6)	ND (4)	ND (3.8)	6.9 J
gamma-BHC	440	µg/kg	ND (2)	ND (2)	ND (2)	ND (1.9)	ND (2)	ND (1.8)	ND (1.9)	ND (98)	2.5 J	ND (39)	ND (38)	0.87 J	1.2	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)
gamma-Chlordane	1,600	µg/kg	1.1	1.7 NJ	ND (2)	ND (1.9)	ND (2)	2.3 J	1 J	ND (98)	ND (4.3)	ND (39)	ND (38)	ND (2)	ND (4.1)	ND (1.9)	1.6 J	ND (1.9)	5.2 J
Heptachlor	110	µg/kg	ND (2)	ND (2)	ND (2)	ND (1.9)	ND (2)	ND (1.8)	ND (1.9)	ND (98)	ND (4.3)	ND (39)	ND (38)	ND (2)	ND (4.1)	ND (1.9)	ND (2.1)	ND (1.9)	0.65 J
Heptachlor epoxide	53	µg/kg	ND (2)	ND (2)	ND (2)	ND (1.9)	ND (2)	ND (1.8)	ND (1.9)	ND (98)	ND (4.3)	ND (39)	ND (38)	ND (2)	ND (4.1)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)
Methoxychlor	310,000	µg/kg	ND (20)	ND (20)	ND (20)	9.9 NJ	ND (20)	ND (18)	ND (19)	ND (980)	ND (43)	ND (390)	ND (380)	ND (20)	ND (41)	ND (19)	ND (21)	ND (19)	ND (19)
Toxaphene	440	µg/kg	ND (200)	ND (200)	ND (200)	ND (190)	ND (200)	ND (180)	ND (190)	ND (9,800)	ND (430)	ND (3,900)	ND (3,800)	ND (200)	ND (410)	ND (190)	ND (210)	ND (190)	ND (190)
Dioxins/Furans (1)																			
1,2,3,4,6,7,8-HpCDD	390	ng/kg	---	27.2	---	35.1	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3,4,6,7,8-HpCDF	390	ng/kg	---	2.89 J	---	30.8	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3,4,7,8,9-HpCDF	390	ng/kg	---	ND (0.984)	---	2.83 J	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3,4,7,8-HxCDD	39	ng/kg	---	ND (0.423)	---	2.83 J	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3,4,7,8-HxCDF	39	ng/kg	---	ND (0.502)	---	17.4	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3,6,7,8-HxCDD	39	ng/kg	---	0.943 J	---	5.59	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3,6,7,8-HxCDF	39	ng/kg	---	ND (0.412)	---	11.3	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3,7,8,9-HxCDD	39	ng/kg	---	ND (0.423)	---	3.75 J	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3,7,8,9-HxCDF	39	ng/kg	---	ND (0.416)	---	3.79 J	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3,7,8-PeCDD	3.9	ng/kg	---	ND (0.603)	---	3.37 J	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3,7,8-PeCDF	78	ng/kg	---	ND (0.397)	---	3.91 J	---	---	---	---	---	---	---	---	---	---	---	---	---
2,3,4,6,7,8-HxCDF	39	ng/kg	---	0.724 J	---	15.5	---	---	---	---	---	---	---	---	---	---	---	---	---
2,3,4,7,8-PeCDF	7.8	ng/kg	---	ND (0.444)	---	33.2	---	---	---	---	---	---	---	---	---	---	---	---	---
2,3,7,8-TCDD	3.9	ng/kg	---	ND (0.872)	---	0.898 J	---	---	---	---	---	---	---	---	---	---	---	---	---
2,3,7,8-TCDF	39	ng/kg	---	ND (0.901)	---	8.22 J	---	---	---	---	---	---	---	---	---	---	---	---	---
OCDD	39,000	ng/kg	---	357	---	149	---	---	---	---	---	---	---	---	---	---	---	---	---
OCDF	39,000	ng/kg	---	4.95	---	18.8	---	---	---	---	---	---	---	---	---	---	---	---	---
Total Dioxin Toxicity equivalent	3.9	ng/kg	---	1.52 J	---	28.6 J	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		**RSB-41**	**RSB-42**
	Sample Bottom Depth		**3 ft bgs**	**5 ft bgs**
	Concrete Thickness		**14 inches**	**36 inches**
	Sample Date		**9/29/2004**	**10/8/2004**
Analyte	**Screening Level**	**Units**	**Analytical Results**	
Volatile Organic Compounds				
1,1,1-Trichloroethane	1,200,000	µg/kg	ND (11) J	ND (12) J
1,1,2,2-Tetrachloroethane	410	µg/kg	ND (11) J	ND (12) J
1,1,2-Trichloroethane	730	µg/kg	ND (11) J	ND (12) J
1,1-Dichloroethane	2,800	µg/kg	ND (11) J	34 J
1,1-Dichloroethene	120,000	µg/kg	ND (11) J	ND (12) J
1,2,4-Trichlorobenzene	62,000	µg/kg	ND (11) J	2,100 J
1,2-Dibromo-3-chloropropane	30	µg/kg	ND (11) J	ND (12) J
1,2-Dibromoethane	32	µg/kg	ND (11) J	ND (12) J
1,2-Dichlorobenzene	600,000	µg/kg	ND (11) J	40,000
1,2-Dichloroethane	280	µg/kg	ND (11) J	ND (12) J
1,2-Dichloropropane	340	µg/kg	ND (11) J	ND (12) J
1,3-Dichlorobenzene	530,000	µg/kg	ND (11) J	3,800
1,4-Dichlorobenzene	3,400	µg/kg	ND (11) J	44,000
1,4-Dioxane (p-dioxane)	44,000	µg/kg	ND (280)	ND (300) J
2-Hexanone	NE	µg/kg	ND (11) J	ND (12) J
Acetone	14,000,000	µg/kg	150 J	110 J
Benzene	640	µg/kg	ND (11) J	25 J
Bromodichloromethane	820	µg/kg	ND (11) J	ND (12) J
Bromoform	62,000	µg/kg	ND (11) J	ND (12)
Bromomethane	3,900	µg/kg	ND (11) J	ND (12)
Carbon disulfide	360,000	µg/kg	ND (11) J	ND (12) J
Carbon tetrachloride	250	µg/kg	ND (11) J	ND (12) J
Chlorobenzene	150,000	µg/kg	ND (11) J	19,000
Chloroethane	3,000	µg/kg	ND (11) J	ND (12) J
Chloroform	940	µg/kg	ND (11) J	ND (12) J
Chloromethane	47,000	µg/kg	ND (11) J	ND (12) J
cis-1,2-Dichloroethene	43,000	µg/kg	ND (11) J	47 J
cis-1,3-Dichloropropene	780	µg/kg	ND (11) J	ND (12) J
Cyclohexane	140,000	µg/kg	ND (11) J	99 J
Dibromochloromethane	1,100	µg/kg	ND (11) J	ND (12) J
Ethylbenzene	400,000	µg/kg	ND (11) J	330 J
Freon 11	390,000	µg/kg	ND (11) J	ND (12) J
Freon 113	5,600,000	µg/kg	ND (11) J	ND (12) J
Freon 12	94,000	µg/kg	ND (11) J	ND (12) J
Isopropylbenzene (cumene)	570,000	µg/kg	ND (11) J	350 J
Methyl acetate	22,000,000	µg/kg	ND (11) J	ND (12) J
Methyl ethyl ketone	22,000,000	µg/kg	41 J	ND (36) J
Methyl isobutyl ketone	5,300,000	µg/kg	ND (11) J	ND (12) J
Methyl tert-butyl ether	32,000	µg/kg	ND (11) J	ND (12) J
Methylcyclohexane	2,600,000	µg/kg	ND (11) J	270 J
Methylene chloride	9,100	µg/kg	ND (11) J	ND (12) J
Styrene	1,700,000	µg/kg	ND (11) J	ND (12)
tert-Butyl alcohol	13,000,000	µg/kg	ND (110) J	ND (120) J
Tetrachloroethene	480	µg/kg	ND (11) J	29 J
Toluene	520,000	µg/kg	ND (11) J	1,200 J
trans-1,2-Dichloroethene	69,000	µg/kg	ND (11) J	6 J
trans-1,3-Dichloropropene	780	µg/kg	ND (11) J	ND (12) J
Trichloroethene	53	µg/kg	ND (11) J	9 J
Vinyl chloride	79	µg/kg	ND (11) J	ND (12) J

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		**RSB-41**	**RSB-42**
	Sample Bottom Depth		**3 ft bgs**	**5 ft bgs**
	Concrete Thickness		**14 inches**	**36 inches**
	Sample Date		**9/29/2004**	**10/8/2004**
Analyte	**Screening Level**	**Units**	**Analytical Results**	
Volatile Organic Compounds				
Xylenes, total	270,000	µg/kg	ND (11) J	2,200 J
Semivolatile Organic Compounds				
1,1'-Biphenyl	3,000,000	µg/kg	ND (380)	2,500 J
1,2,4,5-Tetrachlorobenzene	3,200	µg/kg	ND (380)	ND (12,000)
2,2'-Oxybis(1-Chloropropane)	220	µg/kg	ND (380)	ND (12,000)
2,4,5-Trichlorophenol	6,100,000	µg/kg	ND (950)	ND (30,000)
2,4,6-Trichlorophenol	6,100	µg/kg	ND (380)	ND (12,000)
2,4-Dichlorophenol	180,000	µg/kg	ND (380)	ND (12,000)
2,4-Dimethylphenol	1,200,000	µg/kg	ND (380)	ND (12,000)
2,4-Dinitrophenol	120,000	µg/kg	ND (950) J	ND (30,000) J
2,4-Dinitrotoluene	120,000	µg/kg	ND (380)	ND (12,000)
2,6-Dinitrotoluene	61,000	µg/kg	ND (380)	ND (12,000)
2-Chloronaphthalene	4,900,000	µg/kg	ND (380)	ND (12,000)
2-Chlorophenol	63,000	µg/kg	ND (380)	ND (12,000)
2-Methylnaphthalene	150,000	µg/kg	ND (380)	63,000
2-Methylphenol	3,100,000	µg/kg	ND (380)	ND (12,000)
2-Nitroaniline	180,000	µg/kg	ND (950)	ND (30,000)
2-Nitrophenol	NE	µg/kg	ND (380)	ND (12,000) J
3,3'-Dichlorobenzidine	1,100	µg/kg	ND (380)	ND (12,000)
3-Nitroaniline	18,000	µg/kg	ND (950)	ND (30,000)
4,6-Dinitro-2-methylphenol	NE	µg/kg	ND (950)	ND (30,000)
4-Bromophenylphenyl ether	NE	µg/kg	ND (380)	ND (12,000)
4-Chloro-3-methylphenol	3,100,000	µg/kg	ND (380)	ND (12,000)
4-Chloroaniline	240,000	µg/kg	ND (380)	ND (12,000)
4-Chlorophenylphenyl ether	NE	µg/kg	ND (380)	ND (12,000)
4-Methylphenol	310,000	µg/kg	ND (380)	ND (12,000)
4-Nitroaniline	23,000	µg/kg	ND (950)	ND (30,000)
4-Nitrophenol	120,000	µg/kg	ND (950)	ND (30,000) J
Acenaphthene	3,700,000	µg/kg	ND (380)	ND (12,000)
Acenaphthylene	2,300,000	µg/kg	ND (380)	ND (12,000)
Acetophenone	100,000,000	µg/kg	ND (380)	ND (12,000)
Anthracene	22,000,000	µg/kg	ND (380)	ND (12,000)
Atrazine	2,200	µg/kg	ND (380)	ND (12,000)
Benzaldehyde	6,100,000	µg/kg	ND (380)	ND (12,000)
Benzo(a)anthracene	620	µg/kg	ND (380)	ND (12,000)
Benzo(a)pyrene	62	µg/kg	ND (380)	ND (12,000)
Benzo(b)fluoranthene	620	µg/kg	ND (380)	ND (12,000)
Benzo(g,h,i)perylene	2,300,000	µg/kg	ND (380)	ND (12,000)
Benzo(k)fluoranthene	380	µg/kg	ND (380)	ND (12,000)
Benzyl butyl phthalate	12,000,000	µg/kg	ND (380)	ND (12,000)
bis(2-Chloroethoxy)methane	220	µg/kg	ND (380)	ND (12,000)
bis(2-Chloroethyl)ether	220	µg/kg	ND (380)	ND (12,000)
bis(2-Ethylhexyl)phthalate	35,000	µg/kg	ND (380)	ND (12,000)
Caprolactam	31,000,000	µg/kg	ND (380)	ND (12,000)
Carbazole	24,000	µg/kg	ND (380)	ND (12,000)
Chrysene	3,800	µg/kg	ND (380)	ND (12,000)
Dibenz(a,h)anthracene	62	µg/kg	ND (380)	ND (12,000)
Dibenzofuran	150,000	µg/kg	ND (380)	ND (12,000)
Diethylphthalate	49,000,000	µg/kg	ND (380)	ND (12,000)

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		**RSB-41**	**RSB-42**
	Sample Bottom Depth		**3 ft bgs**	**5 ft bgs**
	Concrete Thickness		**14 inches**	**36 inches**
	Sample Date		**9/29/2004**	**10/8/2004**
Analyte	**Screening Level**	**Units**	**Analytical Results**	
Semivolatile Organic Compounds				
Dimethylphthalate	100,000,000	µg/kg	ND (380)	ND (12,000)
Di-n-butyl phthalate	6,100,000	µg/kg	ND (380)	ND (12,000)
Di-n-octyl phthalate	2,400,000	µg/kg	ND (380)	ND (12,000)
Fluoranthene	2,300,000	µg/kg	ND (380)	ND (12,000)
Fluorene	2,700,000	µg/kg	ND (380)	ND (12,000)
Hexachlorobenzene	300	µg/kg	ND (380)	ND (12,000)
Hexachlorobutadiene	6,200	µg/kg	ND (380)	ND (12,000)
Hexachlorocyclopentadiene	370,000	µg/kg	ND (380)	ND (12,000)
Hexachloroethane	35,000	µg/kg	ND (380)	ND (12,000)
Indeno(1,2,3-c,d)pyrene	620	µg/kg	ND (380)	ND (12,000)
Isophorone	510,000	µg/kg	ND (380)	ND (12,000)
Naphthalene	1,700	µg/kg	ND (380)	15,000
Nitrobenzene	20,000	µg/kg	ND (380)	ND (12,000)
N-Nitrosodi-n-propylamine	69	µg/kg	ND (380)	ND (12,000)
N-Nitrosodiphenylamine	99,000	µg/kg	ND (380)	ND (12,000)
Pentachlorophenol	3,000	µg/kg	ND (950)	ND (30,000)
Phenanthrene	2,300,000	µg/kg	ND (380)	ND (12,000)
Phenol	18,000,000	µg/kg	ND (380)	ND (12,000)
Pyrene	2,300,000	µg/kg	ND (380)	ND (12,000)
Metals				
Aluminum	76,000	mg/kg	6,360	6,430
Antimony	31	mg/kg	0.26 J	ND (12) J
Arsenic	22	mg/kg	2.5	1.8
Barium	5,400	mg/kg	102	84.6
Beryllium	150	mg/kg	0.23 J	0.21 J
Cadmium	37	mg/kg	ND (1)	ND (1)
Calcium	NE	mg/kg	18,300	4,650 J
Chromium	210	mg/kg	27.8	32
Cobalt	900	mg/kg	4.1 J	4.2 J
Copper	3,100	mg/kg	13.6	8.8
Iron	23,000	mg/kg	10,100	9,980
Lead	194	mg/kg	73.1	13.2 J
Magnesium	NE	mg/kg	1,790	1,540
Manganese	1,800	mg/kg	379	309 J
Nickel	1,600	mg/kg	19	19.4
Potassium	NE	mg/kg	1,010 J	1,160 J
Selenium	390	mg/kg	ND (7)	ND (7)
Silver	390	mg/kg	0.1 J	ND (2)
Sodium	NE	mg/kg	240 J	282 J
Thallium	5.2	mg/kg	ND (5)	ND (5)
Vanadium	78	mg/kg	21.7	23
Zinc	23,000	mg/kg	43.8	23.1 J
Organochlorine Pesticides/PCBs				
4,4'-DDD	2,400	µg/kg	3.8	1,900
4,4'-DDE	1,700	µg/kg	1.6 J	840
4,4'-DDT	1,700	µg/kg	13	ND (4)
Aldrin	29	µg/kg	ND (2)	380
alpha-BHC	90	µg/kg	ND (2)	3.5
alpha-Chlordane	1,600	µg/kg	ND (2)	1.7 J

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		**RSB-41**	**RSB-42**
	Sample Bottom Depth		**3 ft bgs**	**5 ft bgs**
	Concrete Thickness		**14 inches**	**36 inches**
	Sample Date		**9/29/2004**	**10/8/2004**
Analyte	**Screening Level**	**Units**	**Analytical Results**	
Organochlorine Pesticides/PCBs				
Aroclor-1016	3,900	µg/kg	ND (38)	ND (40)
Aroclor-1221	220	µg/kg	ND (77)	ND (82)
Aroclor-1232	220	µg/kg	ND (38)	ND (40)
Aroclor-1242	220	µg/kg	ND (38)	ND (40)
Aroclor-1248	220	µg/kg	ND (38)	ND (40)
Aroclor-1254	220	µg/kg	ND (38)	ND (40)
Aroclor-1260	220	µg/kg	ND (38)	ND (40)
beta-BHC	320	µg/kg	1.8 J	ND (2.1)
delta-BHC	90	µg/kg	ND (2)	ND (2.1)
Dieldrin	30	µg/kg	ND (3.8)	630
Endosulfan I	370,000	µg/kg	ND (2)	ND (2.1)
Endosulfan II	370,000	µg/kg	ND (3.8)	ND (4)
Endosulfan sulfate	370,000	µg/kg	ND (3.8)	ND (4)
Endrin	18,000	µg/kg	ND (3.8)	1.2 J
Endrin aldehyde	18,000	µg/kg	ND (3.8)	ND (4)
Endrin ketone	18,000	µg/kg	ND (3.8)	ND (4)
gamma-BHC	440	µg/kg	ND (2)	ND (2.1)
gamma-Chlordane	1,600	µg/kg	ND (2)	1.5 J
Heptachlor	110	µg/kg	ND (2)	ND (2.1)
Heptachlor epoxide	53	µg/kg	ND (2)	ND (2.1)
Methoxychlor	310,000	µg/kg	ND (20)	ND (21)
Toxaphene	440	µg/kg	ND (200)	ND (210)
Dioxins/Furans (1)				
1,2,3,4,6,7,8-HpCDD	390	ng/kg	---	---
1,2,3,4,6,7,8-HpCDF	390	ng/kg	---	---
1,2,3,4,7,8,9-HpCDF	390	ng/kg	---	---
1,2,3,4,7,8-HxCDD	39	ng/kg	---	---
1,2,3,4,7,8-HxCDF	39	ng/kg	---	---
1,2,3,6,7,8-HxCDD	39	ng/kg	---	---
1,2,3,6,7,8-HxCDF	39	ng/kg	---	---
1,2,3,7,8,9-HxCDD	39	ng/kg	---	---
1,2,3,7,8,9-HxCDF	39	ng/kg	---	---
1,2,3,7,8-PeCDD	3.9	ng/kg	---	---
1,2,3,7,8-PeCDF	78	ng/kg	---	---
2,3,4,6,7,8-HxCDF	39	ng/kg	---	---
2,3,4,7,8-PeCDF	7.8	ng/kg	---	---
2,3,7,8-TCDD	3.9	ng/kg	---	---
2,3,7,8-TCDF	39	ng/kg	---	---
OCDD	39,000	ng/kg	---	---
OCDF	39,000	ng/kg	---	---
Total Dioxin Toxicity equivalent	3.9	ng/kg	---	---

TABLE E13
Analytical Results - Soil (September - October 2004)
AMCO Chemical Superfund Site, Oakland, California

Notes:
Results greater than the screening level are bolded.
Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Soil Screening Level table for source of screening levels.
Soil samples were collected from the 0.5 feet interval above the sample bottom depth.

---	not analyzed
NC	no concrete
FD	field duplicate
ND	not detected above the laboratory's reporting limit shown in parentheses
J	estimated value
NJ	qualitatively uncertain; estimated value
R	rejected for failure to meet quality control requirements
µg/kg	micrograms per kilogram
mg/kg	milligrams per kilogram
ng/kg	nanograms per kilogram

TABLE E14
Summary of Dioxins - Soil (September - October 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Location	Sample Bottom Depth	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RSB-10	**2**	**9/14/2004**				
Dioxins/Furans						
1,2,3,4,6,7,8-HpCDD			229	0.01	2.29	ng/kg
1,2,3,4,6,7,8-HpCDF			42.1	0.01	0.42	ng/kg
1,2,3,4,7,8,9-HpCDF			ND (2.49)	0.01	0.01	ng/kg
1,2,3,4,7,8-HxCDD			1.78 J	0.1	0.18	ng/kg
1,2,3,4,7,8-HxCDF			ND (1.19)	0.1	0.06	ng/kg
1,2,3,6,7,8-HxCDD			6.63	0.1	0.66	ng/kg
1,2,3,6,7,8-HxCDF			6.13	0.1	0.61	ng/kg
1,2,3,7,8,9-HxCDD			3.63 J	0.1	0.36	ng/kg
1,2,3,7,8,9-HxCDF			ND (1.1)	0.1	0.06	ng/kg
1,2,3,7,8-PeCDD			ND (1.38)	1	0.69	ng/kg
1,2,3,7,8-PeCDF			ND (1.59)	0.05	0.04	ng/kg
2,3,4,6,7,8-HxCDF			5.99	0.1	0.60	ng/kg
2,3,4,7,8-PeCDF			5.55	0.5	2.78	ng/kg
2,3,7,8-TCDD			ND (1.09)	1	0.55	ng/kg
2,3,7,8-TCDF			ND (2.22)	0.1	0.11	ng/kg
OCDD			2130	0.0001	0.21	ng/kg
OCDF			31.1	0.0001	0.00	ng/kg
TEQ					**9.6**	**ng/kg**
Screening Level [(1)]					**0.45**	**ng/kg**

TABLE E14
Summary of Dioxins - Soil (September - October 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Location	Sample Bottom Depth	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RSB-11	**2**	**9/15/2004**				
Dioxins/Furans						
1,2,3,4,6,7,8-HpCDD			0.706 J	0.01	0.01	ng/kg
1,2,3,4,6,7,8-HpCDF			ND (0.379)	0.01	0.00	ng/kg
1,2,3,4,7,8,9-HpCDF			ND (0.417)	0.01	0.00	ng/kg
1,2,3,4,7,8-HxCDD			ND (0.383)	0.1	0.02	ng/kg
1,2,3,4,7,8-HxCDF			ND (0.319)	0.1	0.02	ng/kg
1,2,3,6,7,8-HxCDD			ND (0.371)	0.1	0.02	ng/kg
1,2,3,6,7,8-HxCDF			ND (0.511)	0.1	0.03	ng/kg
1,2,3,7,8,9-HxCDD			ND (0.318)	0.1	0.02	ng/kg
1,2,3,7,8,9-HxCDF			ND (0.496)	0.1	0.02	ng/kg
1,2,3,7,8-PeCDD			ND (0.625)	1	0.31	ng/kg
1,2,3,7,8-PeCDF			ND (0.504)	0.05	0.01	ng/kg
2,3,4,6,7,8-HxCDF			ND (0.282)	0.1	0.01	ng/kg
2,3,4,7,8-PeCDF			ND (0.349)	0.5	0.09	ng/kg
2,3,7,8-TCDD			ND (0.631)	1	0.32	ng/kg
2,3,7,8-TCDF			ND (0.943)	0.1	0.05	ng/kg
OCDD			ND (3.47)	0.0001	0.00	ng/kg
OCDF			ND (0.519)	0.0001	0.00	ng/kg
TEQ					**0.92**	**ng/kg**
Screening Level [(1)]					**0.45**	**ng/kg**

TABLE E14
Summary of Dioxins - Soil (September - October 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Location	Sample Bottom Depth	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RSB-12	**2**	**9/20/2004**				
Dioxins/Furans						
1,2,3,4,6,7,8-HpCDD			307	0.01	3.07	ng/kg
1,2,3,4,6,7,8-HpCDF			60.1	0.01	0.60	ng/kg
1,2,3,4,7,8,9-HpCDF			4.25 J	0.01	0.04	ng/kg
1,2,3,4,7,8-HxCDD			1.75 J	0.1	0.18	ng/kg
1,2,3,4,7,8-HxCDF			2.46 J	0.1	0.25	ng/kg
1,2,3,6,7,8-HxCDD			10.7	0.1	1.07	ng/kg
1,2,3,6,7,8-HxCDF			2.18 J	0.1	0.22	ng/kg
1,2,3,7,8,9-HxCDD			2.59 J	0.1	0.26	ng/kg
1,2,3,7,8,9-HxCDF			1.17 J	0.1	0.12	ng/kg
1,2,3,7,8-PeCDD			1.03 J	1	1.03	ng/kg
1,2,3,7,8-PeCDF			ND (4.62)	0.05	0.12	ng/kg
2,3,4,6,7,8-HxCDF			1.57 J	0.1	0.16	ng/kg
2,3,4,7,8-PeCDF			7.67	0.5	3.84	ng/kg
2,3,7,8-TCDD			ND (0.389)	1	0.19	ng/kg
2,3,7,8-TCDF			ND (0.316)	0.1	0.02	ng/kg
OCDD			5040	0.0001	0.50	ng/kg
OCDF			157 J	0.0001	0.02	ng/kg
TEQ					**12**	**ng/kg**
Screening Level [(1)]					**0.45**	**ng/kg**

TABLE E14
Summary of Dioxins - Soil (September - October 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Location	Sample Bottom Depth	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RSB-18	**4**	**9/27/2004**				
Dioxins/Furans						
1,2,3,4,6,7,8-HpCDD			1100 J	0.01	11.00	ng/kg
1,2,3,4,6,7,8-HpCDF			178 J	0.01	1.78	ng/kg
1,2,3,4,7,8,9-HpCDF			8.51 J	0.01	0.09	ng/kg
1,2,3,4,7,8-HxCDD			16.4 J	0.1	1.64	ng/kg
1,2,3,6,7,8-HxCDD			73.5 J	0.1	7.35	ng/kg
1,2,3,6,7,8-HxCDF			16.8 J	0.1	1.68	ng/kg
1,2,3,7,8,9-HxCDD			41.4 J	0.1	4.14	ng/kg
1,2,3,7,8,9-HxCDF			8.75 J	0.1	0.88	ng/kg
1,2,3,7,8-PeCDD			15.3 J	1	15.30	ng/kg
2,3,4,6,7,8-HxCDF			16.9 J	0.1	1.69	ng/kg
2,3,4,7,8-PeCDF			42.4 J	0.5	21.20	ng/kg
2,3,7,8-TCDF			5.36 J	0.1	0.54	ng/kg
OCDD			8420 J	0.0001	0.84	ng/kg
OCDF			354 J	0.0001	0.04	ng/kg
TEQ					**68**	**ng/kg**
Screening Level [(1)]					**0.45**	**ng/kg**
RSB-18 (Field Duplicate)	**4**	**9/27/2004**				
Dioxins/Furans						
1,2,3,4,7,8-HxCDF			ND (2.28) J	0.1	0.11	ng/kg
1,2,3,7,8-PeCDF			ND (0.315) J	0.05	0.01	ng/kg
2,3,7,8-TCDD			ND (0.273) J	1	0.14	ng/kg
TEQ					**ND (0.26)**	**ng/kg**
Screening Level [(1)]					**0.45**	**ng/kg**

TABLE E14
Summary of Dioxins - Soil (September - October 2004)
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Location	Sample Bottom Depth	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RSB-31	**3**	**9/17/2004**				
Dioxins/Furans						
1,2,3,4,6,7,8-HpCDD			4.49 J	0.01	0.04	ng/kg
1,2,3,4,6,7,8-HpCDF			5.56	0.01	0.06	ng/kg
1,2,3,4,7,8,9-HpCDF			0.892 J	0.01	0.01	ng/kg
1,2,3,4,7,8-HxCDD			ND (0.545)	0.1	0.03	ng/kg
1,2,3,4,7,8-HxCDF			3.23 J	0.1	0.32	ng/kg
1,2,3,6,7,8-HxCDD			1.04 J	0.1	0.10	ng/kg
1,2,3,6,7,8-HxCDF			3.18 J	0.1	0.32	ng/kg
1,2,3,7,8,9-HxCDD			ND (0.473)	0.1	0.02	ng/kg
1,2,3,7,8,9-HxCDF			1.01 J	0.1	0.10	ng/kg
1,2,3,7,8-PeCDD			1.76 J	1	1.76	ng/kg
1,2,3,7,8-PeCDF			3.71 J	0.05	0.19	ng/kg
2,3,4,6,7,8-HxCDF			3.48 J	0.1	0.35	ng/kg
2,3,4,7,8-PeCDF			4.86 J	0.5	2.43	ng/kg
2,3,7,8-TCDD			ND (0.833)	1	0.42	ng/kg
2,3,7,8-TCDF			6.68 J	0.1	0.67	ng/kg
OCDD			6.57 J	0.0001	0.00	ng/kg
OCDF			ND (1.65)	0.0001	0.00	ng/kg
TEQ					**6.8**	**ng/kg**
Screening Level [(1)]					**0.45**	**ng/kg**

TABLE E14
Summary of Dioxins - Soil (September - October 2004)
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AMCO Chemical Superfund Site, Oakland, California

Location	Sample Bottom Depth	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RSB-32	**3**	**9/16/2004**				
Dioxins/Furans						
1,2,3,4,6,7,8-HpCDD			27.2	0.01	0.27	ng/kg
1,2,3,4,6,7,8-HpCDF			2.89 J	0.01	0.03	ng/kg
1,2,3,4,7,8,9-HpCDF			ND (0.984)	0.01	0.00	ng/kg
1,2,3,4,7,8-HxCDD			ND (0.423)	0.1	0.02	ng/kg
1,2,3,4,7,8-HxCDF			ND (0.502)	0.1	0.03	ng/kg
1,2,3,6,7,8-HxCDD			0.943 J	0.1	0.09	ng/kg
1,2,3,6,7,8-HxCDF			ND (0.412)	0.1	0.02	ng/kg
1,2,3,7,8,9-HxCDD			ND (0.423)	0.1	0.02	ng/kg
1,2,3,7,8,9-HxCDF			ND (0.416)	0.1	0.02	ng/kg
1,2,3,7,8-PeCDD			ND (0.603)	1	0.30	ng/kg
1,2,3,7,8-PeCDF			ND (0.397)	0.05	0.01	ng/kg
2,3,4,6,7,8-HxCDF			0.724 J	0.1	0.07	ng/kg
2,3,4,7,8-PeCDF			ND (0.444)	0.5	0.11	ng/kg
2,3,7,8-TCDD			ND (0.872)	1	0.44	ng/kg
2,3,7,8-TCDF			ND (0.901)	0.1	0.05	ng/kg
OCDD			357	0.0001	0.04	ng/kg
OCDF			4.95	0.0001	0.00	ng/kg
TEQ					**1.5**	**ng/kg**
Screening Level [(1)]					**0.45**	**ng/kg**

TABLE E14
Summary of Dioxins - Soil (September - October 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Location	Sample Bottom Depth	Sample Date	Result	TEF	Equivalent Result x TEF	Units
RSB-33	**2.5**	**9/17/2004**				
Dioxins/Furans						
1,2,3,4,6,7,8-HpCDD			35.1	0.01	0.35	ng/kg
1,2,3,4,6,7,8-HpCDF			30.8	0.01	0.31	ng/kg
1,2,3,4,7,8,9-HpCDF			2.83 J	0.01	0.03	ng/kg
1,2,3,4,7,8-HxCDD			2.83 J	0.1	0.28	ng/kg
1,2,3,4,7,8-HxCDF			17.4	0.1	1.74	ng/kg
1,2,3,6,7,8-HxCDD			5.59	0.1	0.56	ng/kg
1,2,3,6,7,8-HxCDF			11.3	0.1	1.13	ng/kg
1,2,3,7,8,9-HxCDD			3.75 J	0.1	0.38	ng/kg
1,2,3,7,8,9-HxCDF			3.79 J	0.1	0.38	ng/kg
1,2,3,7,8-PeCDD			3.37 J	1	3.37	ng/kg
1,2,3,7,8-PeCDF			3.91 J	0.05	0.20	ng/kg
2,3,4,6,7,8-HxCDF			15.5	0.1	1.55	ng/kg
2,3,4,7,8-PeCDF			33.2	0.5	16.60	ng/kg
2,3,7,8-TCDD			0.898 J	1	0.90	ng/kg
2,3,7,8-TCDF			8.22 J	0.1	0.82	ng/kg
OCDD			149	0.0001	0.01	ng/kg
OCDF			18.8	0.0001	0.00	ng/kg
TEQ					**29**	**ng/kg**
Screening Level (1)					**0.45**	**ng/kg**

Notes:
(1) See Soil Screening Level table for source of screening level

TEF	Toxicity Equivalency Factor. (EPA, 2000, "Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and Related Compounds. Part II: Health Assessment for 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and Related Compounds," Draft Final, National Center for Environmental Assessment, May).
ng/kg	nanograms per kilogram
ND	not detected above the laboratory's reporting limit shown in parentheses
J	estimated value
TEQ	Toxicity Equivalent Concentration

Soil Gas

TABLE E15
Analytical Results - Soil Gas Survey (September - October 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RSG-01	RSG-02	RSG-03	RSG-03A*	RSG-03A* (FD)	RSG-04	RSG-05	RSG-06	RSG-07	RSG-08	RSG-09	RSG-10	RSG-11	RSG-11A*	RSG-11A* (FD)	RSG-12	RSG-13
Sample Depth																			
Sample Date			9/16/2004	9/15/2004	9/30/2004	10/8/2004	10/8/2004	9/24/2004	9/24/2004	9/30/2004	9/15/2004	9/15/2004	9/16/2004	9/13/2004	9/15/2004	10/8/2004	10/8/2004	9/20/2004	9/16/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1-Trichloroethane	23,000	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	1,400	4,200	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	49 J	27 J	ND (100)	ND (100)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,1,2-Trichloroethane	1.2	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	90 J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,1-Dichloroethane	12	µg/m³	53 J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	150	530	ND (100)	ND (100)	ND (25) R	120	45 J	120	81 J	37 J	74 J
1,1-Dichloroethene	2,100	µg/m³	190	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,2,4-Trichlorobenzene	37	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100) J	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,2,4-Trimethylbenzene	62	µg/m³	ND (100) J	ND (100) J	22 J	ND (100) J	ND (100) J	30 J	39 J	66 J	ND (100) J	ND (100) J	ND (100) R	ND (100)	ND (100) J	ND (100) J	ND (100)	ND (100) J	ND (100) J
1,2-Dibromoethane	0.034	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,2-Dichlorobenzene	2,100	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100) J	ND (100) J	ND (100)	ND (100)
1,2-Dichloroethane	0.74	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,2-Dichloropropane	0.99	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,3,5-Trimethylbenzene	62	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	21 J	30 J	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,3-Dichlorobenzene	1,100	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,4-Dichlorobenzene	3.1	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100) J	ND (100) J	ND (100)	ND (100)
Benzene	2.5	µg/m³	150	ND (50)	24 J	ND (50) J	ND (50) J	ND (50)	ND (50)	38 J	ND (50) J	ND (51) J	ND (50) R	400	ND (64) J	ND (83) J	ND (61) J	ND (50) J	ND (50) J
Bromomethane	52	µg/m³	ND (100)	ND (100)	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100)	ND (100)	ND (100) R	ND (100) J	ND (100)	ND (100) J	ND (100) J	ND (100)	ND (100)
Carbon tetrachloride	1.3	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Chlorobenzene	620	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	120	93 J	ND (100)	ND (100)
Chloroethane	23	µg/m³	550 J	ND (100)	ND (100) J	ND (100) J	ND (100) J	ND (100)	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100) R	ND (100) J	ND (100)	ND (100) J	ND (100) J	67 J	ND (100) J
Chloroform	0.83	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Chloromethane	950	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	470	ND (100)	ND (100)	ND (100)	ND (100)
cis-1,2-Dichloroethene	370	µg/m³	6,200	ND (100)	40 J	31 J	63 J	ND (100)	95 J	ND (100)	ND (100)	ND (100)	ND (100) R	22 J	ND (100)	52 J	40 J	120	ND (100)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Ethylbenzene	11,000	µg/m³	ND (100)	22 J	ND (100)	24 J	24 J	ND (100)	29 J	ND (100)	31 J	37 J	ND (100) R	37 J	ND (100)	24 J	23 J	ND (100)	ND (100)
Freon 11	7,300	µg/m³	ND (100) J	ND (100) J	ND (100) J	28 J	25 J	ND (100) J	ND (100) J	ND (100) J	20 J	ND (100) J	ND (100) R	ND (100)	73 J	ND (100) J	ND (100) J	ND (100) J	88 J
Freon 12	2,100	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Freon 113	310,000	µg/m³	ND (100)	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Hexachlorobutadiene	0.86	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) J	ND (100) R	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)
Methyl tert-butyl ether	74	µg/m³	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	31 J	30 J	ND (100) R	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)
Methylene chloride	41	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Styrene	11,000	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	100	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Tetrachloroethene	3.2	µg/m³	80 J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	1,000	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Toluene	4,000	µg/m³	ND (100) J	ND (100) J	68 J	ND (120) J	ND (140) J	57 J	82 J	380	ND (140) J	ND (180) J	ND (100) R	490	ND (100) J	180	ND (140) J	ND (100) J	ND (100) J
trans-1,2-Dichloroethene	730	µg/m³	3,300	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Trichloroethene	0.17	µg/m³	160	ND (50)	ND (50)	60	79	ND (50)	2,500	1,300	ND (50)	ND (50)	ND (50) R	ND (50)	ND (50)	32 J	28 J	ND (50)	ND (50)
Vinyl chloride	1.1	µg/m³	13,000	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50) R	86	250	ND (50)	ND (50)	740	ND (50)
Xylenes, total	1,100	µg/m³	ND (100)	ND (100) J	53 J	ND (100)	ND (100)	ND (100)	36 J	444 J	ND (120) J	ND (150) J	ND (100) R	ND (100)	ND (100)	29 J	ND (100)	ND (100)	ND (100)

TABLE E15
Analytical Results - Soil Gas Survey (September - October 2004)
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Sample Location			RSG-13A*	RSG-13A* (FD)	RSG-14	RSG-14A*	RSG-14A* (FD)	RSG-15	RSG-17	RSG-18	RSG-19	RSG-20	RSG-21	RSG-22	RSG-23	RSG-24	RSG-25	RSG-26	RSG-27
Sample Depth																			
Sample Date			10/8/2004	10/8/2004	9/16/2004	10/8/2004	10/8/2004	9/22/2004	9/22/2004	9/27/2004	9/13/2004	9/17/2004	9/13/2004	9/27/2004	9/28/2004	9/29/2004	9/14/2004	9/14/2004	9/14/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1-Trichloroethane	23,000	µg/m³	39 J	33 J	90 J	76 J	73 J	ND (100)	ND (100)	330	97 J	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	29 J	46 J	3,200
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)
1,1,2-Trichloroethane	1.2	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	1,500	ND (100)	ND (100)	ND (100)	ND (100)
1,1-Dichloroethane	12	µg/m³	160	150	300	260	250	ND (100)	21,000	55,000 J	400	370	ND (8,400) R	74,000	54,000	1,100,000	65 J	130	9,600
1,1-Dichloroethene	2,100	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	89 J	1,100	ND (100)	ND (100)	ND (100) R	970	3,000	53,000	ND (100)	ND (100)	560
1,2,4-Trichlorobenzene	37	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,2,4-Trimethylbenzene	62	µg/m³	ND (100) J	ND (100) J	ND (100)	ND (100) J	ND (100) J	ND (100)	32 J	ND (100) J	ND (100) J	ND (100)	ND (100) R	ND (530) J	110	ND (100) J	ND (100) J	ND (100) J	ND (100) J
1,2-Dibromoethane	0.034	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)
1,2-Dichlorobenzene	2,100	µg/m³	ND (100) J	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,2-Dichloroethane	0.74	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	44 J	ND (100)	ND (100)	ND (100) R	ND (100)	350	4,200	ND (100)	ND (100)	ND (100)
1,2-Dichloropropane	0.99	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,3,5-Trimethylbenzene	62	µg/m³	ND (100)	ND (100)	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100) R	ND (480) J	160	42 J	ND (100)	ND (100)	ND (100)
1,3-Dichlorobenzene	1,100	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,4-Dichlorobenzene	3.1	µg/m³	ND (100) J	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Benzene	2.5	µg/m³	ND (81) J	ND (74) J	ND (69) J	250	240	1,100	2,600 J	620	510	110	ND (11,000) R	36,000	6,500	29,000	45 J	90	32 J
Bromomethane	52	µg/m³	ND (100) J	ND (100) J	ND (100)	ND (100) J	ND (100) J	ND (100)	ND (100)	ND (100) J	ND (100) J	ND (100) J	ND (100) R	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100) J
Carbon tetrachloride	1.3	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Chlorobenzene	620	µg/m³	94 J	110	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	760	1,300 J	ND (100)	ND (100)	ND (100)
Chloroethane	23	µg/m³	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100)	38,000 J	410 J	1,200 J	640 J	ND (120,000) R	23,000 J	ND (100)	ND (100) J	ND (100) J	ND (100) J	150 J
Chloroform	0.83	µg/m³	55 J	53 J	40 J	55 J	46 J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Chloromethane	950	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	160	440	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
cis-1,2-Dichloroethene	370	µg/m³	3,100	2,400	4,800	3,200	2,800	210	19,000	54,000 J	240	2,900	ND (790) R	170,000	810,000 J	6,900,000 J	55 J	120	4,700
cis-1,3-Dichloropropene	4.8	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Ethylbenzene	11,000	µg/m³	ND (100)	22 J	ND (100)	26 J	25 J	21 J	390 J	40 J	35 J	27 J	ND (120) R	18,000	5,900	15,000 J	ND (100)	23 J	ND (100)
Freon 11	7,300	µg/m³	62 J	27 J	83 J	54 J	52 J	21 J	150	ND (100) J	ND (100)	42 J	ND (100) R	ND (100) J	ND (100)	ND (100) J	ND (100)	38 J	40 J
Freon 12	2,100	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) J	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100) J	ND (100) J	ND (100) J
Freon 113	310,000	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	670	ND (100)	ND (100)	ND (100)
Hexachlorobutadiene	0.86	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Methyl tert-butyl ether	74	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	480	ND (100)	ND (100)	ND (100)	ND (100)	33 J
Methylene chloride	41	µg/m³	21 J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	51 J	ND (100) R	ND (100)	1,200	ND (100)	ND (100)	ND (100)	ND (100)
Styrene	11,000	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Tetrachloroethene	3.2	µg/m³	2,400	1,900	ND (100)	360	250	ND (100)	40 J	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	190	180 J	ND (100)	ND (100)	190
Toluene	4,000	µg/m³	ND (100) J	ND (120) J	ND (100) J	ND (160) J	ND (170) J	270	8,700 J	6,200	ND (100) J	740	ND (270) R	23,000	600,000 J	440,000	ND (100) J	ND (110) J	ND (100) J
trans-1,2-Dichloroethene	730	µg/m³	890	640	590	460	400	ND (100)	1,000	520	96 J	210	ND (280) R	2,000	11,000	73,000	ND (100)	ND (100)	160
trans-1,3-Dichloropropene	4.8	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) R	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Trichloroethene	0.17	µg/m³	890	710	1,900	3,400	2,700	49 J	240 J	150	37 J	88	ND (33) R	ND (50)	4,000	5,700	ND (50)	270	410
Vinyl chloride	1.1	µg/m³	ND (50)	ND (50)	59	ND (50)	ND (50)	63	15,000	7,300	810	4,400	ND (4,700) R	780,000 J	430,000	1,500,000	360	ND (50)	310
Xylenes, total	1,100	µg/m³	ND (100)	ND (100)	ND (100)	34 J	30 J	75 J	307 J	ND (100)	33 J	36 J	ND (100) R	28,000	15,300	43,700 J	ND (100)	30 J	ND (100)

TABLE E15
Analytical Results - Soil Gas Survey (September - October 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location / Sample Depth			RSG-28	RSG-29	RSG-30	RSG-31	RSG-32	RSG-33	RSG-34	RSG-35	RSG-36	RSG-37	RSG-38	RSG-39	RSG-40	RSG-41	RSG-42
Sample Date			**9/14/2004**	**9/14/2004**	**9/15/2004**	**9/17/2004**	**9/16/2004**	**9/17/2004**	**9/28/2004**	**9/28/2004**	**9/29/2004**	**9/29/2004**	**9/28/2004**	**9/29/2004**	**9/29/2004**	**9/29/2004**	**10/8/2004**
Analyte	**Screening Level**	**Units**	**Analytical Results**														
Volatile Organic Compounds																	
1,1,1-Trichloroethane	23,000	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	42 J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) J	35 J	ND (100)	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)
1,1,2-Trichloroethane	1.2	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,1-Dichloroethane	12	µg/m³	110	ND (100)	ND (100)	ND (100)	ND (100)	40 J	940	290	ND (100)	ND (100)	220	ND (100)	ND (100)	ND (100)	720
1,1-Dichloroethene	2,100	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,2,4-Trichlorobenzene	37	µg/m³	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,2,4-Trimethylbenzene	62	µg/m³	ND (100) J	ND (100) J	ND (100) J	25 J	ND (100) J	28 J	32 J	32 J	ND (100) J	ND (100) J	27 J	ND (100) J	ND (100) J	ND (100) J	ND (100) J
1,2-Dibromoethane	0.034	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) J	ND (100) J	ND (100)	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)
1,2-Dichlorobenzene	2,100	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) J
1,2-Dichloroethane	0.74	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,2-Dichloropropane	0.99	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,3,5-Trimethylbenzene	62	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	26 J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) J
1,3-Dichlorobenzene	1,100	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
1,4-Dichlorobenzene	3.1	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100) J
Benzene	2.5	µg/m³	ND (50)	150	ND (50)	ND (50)	ND (50)	ND (50)	220 J	81	68	25 J	91	41 J	38 J	32 J	180
Bromomethane	52	µg/m³	ND (100) J	140 J	ND (100)	ND (100) J	ND (100)	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100) J
Carbon tetrachloride	1.3	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Chlorobenzene	620	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	1,500
Chloroethane	23	µg/m³	ND (100) J	120 J	ND (100)	ND (100) J	ND (100) J	ND (100) J	320	ND (100)	ND (100) J	ND (100) J	ND (100)	ND (100) J	ND (100) J	ND (100) J	ND (100) J
Chloroform	0.83	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Chloromethane	950	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
cis-1,2-Dichloroethene	370	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	590	270	730	170	ND (100)	5,200	1,000	ND (100)	ND (100)	1,100
cis-1,3-Dichloropropene	4.8	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Ethylbenzene	11,000	µg/m³	ND (100)	26 J	22 J	ND (100)	ND (100)	34 J	180	53 J	ND (100)	ND (100)	130	ND (100)	20 J	20 J	57 J
Freon 11	7,300	µg/m³	ND (100)	110	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100)	ND (100)	ND (100) J	ND (100) J	ND (100)	ND (100) J	ND (100) J	ND (100) J	ND (100) J
Freon 113	310,000	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Freon 12	2,100	µg/m³	ND (100) J	190 J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Hexachlorobutadiene	0.86	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Methyl tert-butyl ether	74	µg/m³	ND (100)	ND (100)	ND (100) J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Methylene chloride	41	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	28 J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Styrene	11,000	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Tetrachloroethene	3.2	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	210	23 J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Toluene	4,000	µg/m³	ND (100) J	ND (100) J	ND (100) J	ND (100) J	ND (100) J	450	960 J	530	ND (110) J	ND (100) J	12,000	ND (100) J	ND (100) J	ND (100) J	930
trans-1,2-Dichloroethene	730	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	74 J	43 J	ND (100)	ND (100)	54 J	69 J	ND (100)	ND (100)	210
trans-1,3-Dichloropropene	4.8	µg/m³	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Trichloroethene	0.17	µg/m³	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	62	150 J	ND (50)	150	ND (50)	51	25 J	ND (50)	ND (50)	67
Vinyl chloride	1.1	µg/m³	ND (50)	110	ND (50)	ND (50)	ND (50)	87	7,900	660 J	1,300	ND (50)	340	1,100	ND (50)	ND (50)	1,400
Xylenes, total	1,100	µg/m³	ND (100)	31 J	ND (100)	ND (100)	ND (100)	46 J	344 J	42 J	ND (100)	ND (100)	406 J	ND (100)	ND (100)	ND (100)	62 J

Notes:
Results greater than the screening level are bolded.
Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See See Table 16c (Soil Gas Screening Levels) for source of screening levels.
* Repeat sample collected at the same location as the original, but on a different date.
FD field duplicate
µg/m³ micrograms per cubic meter
ND not detected above the laboratory's reporting limit shown in parentheses
J estimated value
R rejected value (sample was collected below the water table).

TABLE E16
Analytical Results - Soil Gas Probes (October 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RSP-01	RSP-01	RSP-02	RSP-02	RSP-03	RSP-03	RSP-04	RSP-04	RSP-04	RSP-04	RSP-05	RSP-05	RSP-06	RSP-06	RSP-07	RSP-07	RSP-08
Sample Time			AM	PM	AM	PM	AM	PM	AM	AM (FD)	PM	PM (FD)	AM	PM	AM	PM	AM	PM	AM
Sample Date			10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1-Trichloroethane	23,000	µg/m³	ND (490)	ND (380)	4.2	ND (3.9)	ND (3.9)	ND (3.7)	ND (3.9)	ND (3.7)	ND (3.8)	ND (3.8)	2,000	1,600	3,000	2,400	4,700	9,600	ND (3.8)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (610)	ND (480)	ND (4.7)	ND (0.2)	ND (0.2)	ND (0.19)	ND (4.9)	ND (4.7)	ND (4.8)	ND (0.27) J	ND (37)	ND (48)	ND (13)	ND (9.2)	ND (200)	ND (280)	ND (0.26) J
1,1,2-Trichloroethane	1.2	µg/m³	ND (490)	ND (380)	ND (3.7)	ND (0.16)	ND (0.16)	ND (0.15)	ND (3.9)	ND (3.7)	ND (3.8)	ND (0.21)	ND (30)	ND (38)	ND (10)	ND (7.3)	ND (160)	ND (220)	ND (0.21)
1,1-Dichloroethane	12	µg/m³	ND (360)	ND (280)	ND (2.8)	ND (2.9)	ND (2.9)	ND (2.8)	70	59	60	59	130	120	56	46	2,500	3,400	ND (2.8)
1,1-Dichloroethene	2,100	µg/m³	1,100	1,100	ND (2.7)	ND (2.8)	ND (2.8)	ND (2.7)	ND (2.8)	ND (2.7)	ND (2.8)	ND (2.8)	ND (22)	30	14	42	ND (110)	410	ND (2.8)
1,2,4-Trichlorobenzene	37	µg/m³	ND (2,600)	ND (2,100)	ND (20)	ND (21)	ND (21)	ND (20)	ND (21)	ND (20)	ND (21)	ND (21)	ND (160)	ND (210)	ND (57)	ND (40)	ND (850)	ND (1,200)	ND (21)
1,2,4-Trimethylbenzene	62	µg/m³	ND (440)	ND (340)	ND (3.3)	ND (3.5)	ND (3.5)	6.4	4.1	ND (3.3)	ND (3.5)	ND (3.4)	ND (27)	ND (34)	ND (9.4)	ND (6.6)	24,000	24,000	ND (3.4)
1,2-Dibromoethane	0.034	µg/m³	ND (690)	ND (530)	ND (5.2)	ND (0.22)	ND (0.22)	ND (0.21)	ND (5.5)	ND (5.2)	ND (5.4)	ND (0.3)	ND (42)	ND (53)	ND (15)	ND (10)	ND (220)	ND (320)	ND (0.3)
1,2-Dichlorobenzene	2,100	µg/m³	ND (540)	ND (420) J	ND (4.1)	ND (4.3) J	ND (4.3)	ND (4.1) J	ND (4.3)	ND (4.1) J	ND (4.2)	ND (4.2)	ND (33)	ND (42)	ND (12)	ND (8)	760	650	ND (4.2)
1,2-Dichloroethane	0.74	µg/m³	ND (360)	ND (280)	ND (2.8)	ND (0.12)	ND (0.12)	ND (0.11)	ND (2.9)	ND (2.8)	ND (2.8)	ND (0.16)	ND (22)	ND (28)	ND (7.8)	ND (5.4)	ND (120)	ND (170)	ND (0.16)
1,2-Dichloropropane	0.99	µg/m³	ND (410)	ND (320)	ND (3.1)	ND (0.13)	ND (0.13)	ND (0.12)	ND (3.3)	ND (3.1)	ND (3.2)	ND (0.18)	ND (25)	ND (32)	ND (8.8)	ND (6.2)	ND (130)	ND (190)	ND (0.18)
1,3,5-Trimethylbenzene	62	µg/m³	ND (440)	ND (340)	ND (3.3)	ND (3.5)	ND (3.5)	ND (3.3)	ND (3.5)	ND (3.3)	ND (3.5)	ND (3.4)	ND (27)	ND (34)	ND (9.4)	ND (6.6)	15,000	14,000	ND (3.4)
1,3-Butadiene	0.11	µg/m³	ND (200)	ND (150)	ND (1.5)	ND (1.6)	ND (1.6)	ND (1.5)	ND (1.6)	ND (1.5)	ND (1.6)	ND (1.5)	ND (12)	ND (15)	ND (4.2)	ND (3)	ND (64)	ND (91)	ND (1.5)
1,3-Dichlorobenzene	1,100	µg/m³	ND (540)	ND (420)	ND (4.1)	ND (4.3)	ND (4.3)	ND (4.1)	ND (4.3)	ND (4.1)	ND (4.2)	ND (4.2)	ND (33)	ND (42)	ND (12)	ND (8)	ND (170)	ND (250)	ND (4.2)
1,4-Dichlorobenzene	3.1	µg/m³	ND (540)	ND (420)	ND (4.1)	ND (4.3)	ND (4.3)	ND (4.1)	ND (4.3)	ND (4.1)	ND (4.2)	ND (4.2)	ND (33)	ND (42)	ND (12)	ND (8)	180	ND (250)	ND (4.2)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (1,300)	ND (1,000)	ND (9.8)	ND (10)	ND (10)	ND (9.8)	ND (10)	ND (9.8)	ND (10)	ND (10)	ND (78)	ND (100)	ND (28)	ND (19)	ND (420)	ND (590)	ND (10)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (420)	ND (320)	ND (3.2)	ND (3.4)	ND (3.4)	ND (3.2)	ND (3.4)	ND (3.2)	ND (3.3)	ND (3.2)	ND (25)	ND (32)	ND (8.9)	ND (6.2)	ND (130)	ND (190)	ND (3.2)
2-Hexanone	NE	µg/m³	ND (1,500)	ND (1,100)	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (12)	ND (11)	ND (89)	ND (110)	ND (31)	ND (22)	ND (470)	ND (670)	ND (11)
3-Chloropropene	10	µg/m³	ND (1,100)	ND (870)	ND (8.5)	ND (9)	ND (9)	ND (8.5)	ND (9)	ND (8.5)	ND (8.8)	ND (8.7)	ND (68)	ND (87)	ND (24)	ND (17)	ND (360)	ND (520)	ND (8.7)
4-Ethyltoluene	1,100	µg/m³	ND (440)	ND (340)	ND (3.3)	ND (3.5)	ND (3.5)	5.9	ND (3.5)	ND (3.3)	ND (3.5)	ND (3.4)	ND (27)	ND (34)	ND (9.4)	ND (6.6)	34,000	33,000	ND (3.4)
Acetone	33,000	µg/m³	ND (850)	ND (660)	19	ND (6.8)	ND (6.8)	10	ND (6.8)	ND (6.5)	ND (6.7)	ND (6.6)	ND (52)	ND (66)	ND (18)	ND (13)	ND (270)	ND (390)	ND (6.6)
Benzene	2.5	µg/m³	490	420	ND (2.2)	ND (2.3)	ND (2.3)	ND (2.2)	43	34	35	35	ND (17)	ND (22)	ND (6.1)	ND (4.3)	ND (92)	ND (130)	ND (2.2)
Benzyl chloride	0.4	µg/m³	ND (460)	ND (360)	ND (3.5)	ND (3.7)	ND (3.7)	ND (3.5)	ND (3.7)	ND (3.5)	ND (3.6)	ND (3.6)	ND (28)	ND (36)	ND (9.9)	ND (6.9)	ND (150)	ND (210)	ND (3.6)
Bromodichloromethane	1.1	µg/m³	ND (600)	ND (460)	ND (4.6)	ND (4.8)	ND (4.8)	ND (4.6)	ND (4.8)	ND (4.6)	ND (4.7)	ND (4.6)	ND (36)	ND (46)	ND (13)	ND (9)	ND (190)	ND (280)	ND (4.6)
Bromoform	17	µg/m³	ND (920)	ND (720)	ND (7)	ND (7.4)	ND (7.4)	ND (7)	ND (7.4)	ND (7)	ND (7.3)	ND (7.2)	ND (56)	ND (72)	ND (20)	ND (14)	ND (300)	ND (420)	ND (7.2)
Bromomethane	52	µg/m³	ND (350)	ND (270)	ND (2.6)	ND (2.8)	ND (2.8)	ND (2.6)	ND (2.8)	ND (2.6)	ND (2.7)	ND (2.7) J	ND (21)	ND (27)	ND (7.4)	ND (5.2)	ND (110)	ND (160)	ND (2.7)
Carbon disulfide	7,300	µg/m³	ND (280)	ND (220)	3.4	3.2	9.3	7.7	ND (2.2)	5.2	6.6	7.1	ND (17)	ND (22)	ND (6)	ND (4.2)	130	ND (130)	3.2
Carbon tetrachloride	1.3	µg/m³	ND (560)	ND (440)	ND (4.3)	ND (0.18)	ND (0.18)	ND (0.17)	ND (4.5)	ND (4.3)	ND (4.4)	ND (0.25)	ND (34)	ND (44)	ND (12)	ND (8.4)	ND (180)	ND (260)	ND (0.24)
Chlorobenzene	620	µg/m³	ND (410)	ND (320)	ND (3.1)	ND (3.3)	ND (3.3)	ND (3.1)	ND (3.3)	ND (3.1)	ND (3.2)	ND (3.2)	ND (25)	ND (32)	ND (8.8)	ND (6.2)	ND (130)	ND (190)	ND (3.2)
Chloroethane	23	µg/m³	ND (240)	ND (180)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	370	320	350	330	ND (14)	ND (18)	ND (5)	ND (3.5)	ND (76)	ND (110)	ND (1.8)
Chloroform	0.83	µg/m³	ND (440)	ND (340)	ND (3.3)	ND (3.5)	34	28	ND (3.5)	ND (3.3)	ND (3.4)	ND (3.4)	ND (27)	ND (34)	40	29	ND (140)	ND (200)	12
Chloromethane	950	µg/m³	ND (740)	ND (570)	ND (5.6)	ND (5.9)	ND (5.9)	ND (5.6)	ND (5.9)	ND (5.6)	ND (5.8)	ND (5.7) J	ND (45)	ND (57)	ND (16)	ND (11)	ND (240)	ND (340)	ND (5.7)
cis-1,2-Dichloroethene	370	µg/m³	61,000	56,000	ND (2.7)	ND (2.8)	ND (2.8)	ND (2.7)	27	21	21	21	480	380	ND (7.6)	ND (5.3)	22,000	29,000	ND (2.8)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (410)	ND (320)	ND (3.1)	ND (3.3)	ND (3.3)	ND (3.1)	ND (3.3)	ND (3.1)	ND (3.2)	ND (3.2)	ND (25)	ND (32)	ND (8.7)	ND (6.1)	ND (130)	ND (190)	ND (3.2)
Cyclohexane	62,000	µg/m³	ND (310)	ND (240)	ND (2.3)	ND (2.5)	ND (2.5)	ND (2.3)	170	140	150	140	ND (19)	ND (24)	ND (6.6)	ND (4.6)	860	ND (140)	ND (2.4)
Dibromochloromethane	0.8	µg/m³	ND (760)	ND (590)	ND (5.8)	ND (6.1)	ND (6.1)	ND (5.8)	ND (6.1)	ND (5.8)	ND (6)	ND (5.9)	ND (46)	ND (59)	ND (16)	ND (11)	ND (240)	ND (350)	ND (5.9)
Ethanol	18,000	µg/m³	ND (670)	ND (520)	ND (5.1)	ND (5.4)	ND (5.4)	ND (5.1)	ND (5.4)	17	18	17	ND (41)	ND (52)	ND (14)	ND (10)	ND (220)	ND (310)	ND (5.2)
Ethylbenzene	11,000	µg/m³	ND (390)	ND (300)	ND (3)	ND (3.1)	ND (3.1)	ND (3)	12	10	7.4	9	ND (24)	ND (30)	ND (8.3)	ND (5.8)	5,200	4,600	ND (3)
Freon 11	7,300	µg/m³	ND (500)	ND (390)	16	13	ND (4)	ND (3.8)	ND (4)	ND (3.8)	ND (4)	ND (3.9)	ND (31)	ND (39)	ND (11)	ND (7.5)	ND (160)	ND (230)	ND (3.9)
Freon 12	2,100	µg/m³	ND (440)	ND (340)	ND (3.4)	ND (3.6)	ND (3.6)	ND (3.4)	ND (3.6)	ND (3.4)	ND (3.5)	ND (3.4)	ND (27)	ND (34)	ND (9.5)	ND (6.6)	ND (140)	ND (200)	ND (3.4)
Freon 113	310,000	µg/m³	ND (680)	ND (530)	ND (5.2)	ND (5.5)	18	14	47	38	40	38	ND (42)	ND (53)	ND (15)	ND (10)	ND (220)	ND (320)	ND (5.3)
Freon 114	310,000	µg/m³	ND (620)	ND (480)	ND (4.8)	ND (5)	ND (5)	ND (4.8)	ND (5)	ND (4.8) J	ND (4.9) J	ND (4.8) J	ND (38) J	ND (48) J	ND (13) J	ND (9.4) J	ND (200)	ND (290) J	ND (4.8)
Hexachlorobutadiene	0.86	µg/m³	ND (3,800)	ND (3,000)	ND (29)	ND (1.5)	ND (1.5) J	ND (1.4)	ND (31)	ND (29)	ND (30)	ND (2.1) J	ND (230)	ND (300)	ND (82)	ND (57)	ND (1,200)	ND (1,800)	ND (2) J
Isopropanol	11,000	µg/m³	ND (880)	ND (680)	ND (6.7)	ND (7.1)	ND (7.1)	ND (6.7)	ND (7.1)	ND (6.7)	ND (6.9)	ND (6.8)	ND (54)	ND (68)	ND (19)	ND (13)	ND (280)	ND (400)	ND (6.8)
Isopropylbenzene (cumene)	4,000	µg/m³	ND (440)	ND (340)	ND (3.3)	ND (3.5)	ND (3.5)	ND (3.3)	ND (3.5)	ND (3.3)	ND (3.5)	ND (3.4)	ND (27)	ND (34)	ND (9.4)	ND (6.6)	3,800	3,400	ND (3.4)
Methyl ethyl ketone	51,000	µg/m³	ND (260)	ND (200)	10	ND (2.1)	ND (2.1)	ND (2)	ND (2.1)	27	ND (2.1)	ND (2)	ND (16)	ND (20)	ND (5.6)	ND (4)	ND (85)	ND (120)	7.4
Methyl isobutyl ketone	31,000	µg/m³	ND (370)	ND (280)	ND (2.8)	ND (2.9)	ND (2.9)	ND (2.8)	ND (2.9)	ND (2.8)	ND (2.9)	ND (2.8)	ND (22)	ND (28)	ND (7.8)	ND (5.5)	ND (120)	ND (170)	ND (2.8)
Methyl tert-butyl ether	74	µg/m³	ND (320)	ND (250)	ND (2.4)	ND (2.6)	ND (2.6)	ND (2.4)	ND (2.6)	ND (2.4)	ND (2.5)	ND (2.5)	ND (20)	ND (25)	ND (6.9)	ND (4.8)	ND (100)	ND (150)	ND (2.5)
Methylene chloride	41	µg/m³	ND (310)	ND (240)	ND (2.4)	ND (2.5)	ND (2.5)	ND (2.4)	4	4.2	4.5	ND (2.4)	ND (19)	ND (24)	ND (6.6)	ND (4.6)	ND (100)	ND (140)	ND (2.4)
n-Heptane	2,100	µg/m³	ND (370)	ND (280)	ND (2.8)	ND (3)	ND (3)	ND (2.8)	110	98	100	99	ND (22)	ND (28)	ND (7.8)	ND (5.5)	4,200	3,600	ND (2.8)

TABLE E16
Analytical Results - Soil Gas Probes (October 2004)
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AMCO Chemical Superfund Site, Oakland, California

Sample Location			RSP-01	RSP-01	RSP-02	RSP-02	RSP-03	RSP-03	RSP-04	RSP-04	RSP-04	RSP-04	RSP-05	RSP-05	RSP-06	RSP-06	RSP-07	RSP-07	RSP-08
Sample Time			**AM**	**PM**	**AM**	**PM**	**AM**	**PM**	**AM**	**AM (FD)**	**PM**	**PM (FD)**	**AM**	**PM**	**AM**	**PM**	**AM**	**PM**	**AM**
Sample Date			**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**	**10/13/2004**
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
n-Propylbenzene	1,500	µg/m³	ND (440)	ND (340)	ND (3.3)	ND (3.5)	ND (3.5)	ND (3.3)	ND (3.5)	ND (3.3)	ND (3.5)	ND (3.4)	ND (27)	ND (34)	ND (9.4)	ND (6.6)	8,400	8,200	ND (3.4)
Styrene	11,000	µg/m³	ND (380)	ND (300)	ND (2.9)	ND (3.1)	ND (3.1)	ND (2.9)	ND (3.1)	ND (2.9)	ND (3)	ND (3)	ND (23)	ND (30)	ND (8.2)	ND (5.7)	ND (120)	ND (180)	ND (3)
Tetrachloroethene	3.2	µg/m³	11,000	11,000	210	170	ND (4.9)	ND (4.6)	ND (4.9)	ND (4.6)	ND (4.8)	ND (4.7)	10,000	9,000	36	32	6,700	7,700	ND (4.7)
Tetrahydrofuran		µg/m³	ND (260)	ND (200)	ND (2)	ND (2.1)	ND (2.1)	ND (2)	ND (2.1)	ND (2)	ND (2.1)	ND (2)	ND (16)	ND (20)	ND (5.6)	ND (4)	ND (85)	490	ND (2)
Toluene	4,000	µg/m³	ND (340)	ND (260)	ND (2.6)	ND (2.7)	ND (2.7)	ND (2.6)	2.8	3.2	ND (2.6)	ND (2.6)	ND (20)	ND (26)	ND (7.2)	ND (5)	2,800	2,300	ND (2.6)
Total hexanes	2,100	µg/m³	ND (320)	ND (240)	ND (2.4)	ND (2.5)	ND (2.5)	ND (2.4)	140	130	140	130	ND (19)	ND (24)	ND (6.7)	ND (4.7)	240	200	ND (2.4)
trans-1,2-Dichloroethene	730	µg/m³	9,600	9,100	ND (2.7)	ND (2.8)	ND (2.8)	ND (2.7)	ND (2.8)	ND (2.7)	ND (2.8)	ND (2.8)	160	150	ND (7.6)	ND (5.3)	840	1,100	ND (2.8)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (410)	ND (320)	ND (3.1)	ND (3.3)	ND (3.3)	ND (3.1)	ND (3.3)	ND (3.1)	ND (3.2)	ND (3.2)	ND (25)	ND (32)	ND (8.7)	ND (6.1)	ND (130)	ND (190)	ND (3.2)
Trichloroethene	0.17	µg/m³	23,000	23,000	ND (3.6)	0.59	ND (0.15)	ND (0.15)	10	7.7	7.9	7.8	9,500	8,800	320	260	9,800	13,000	ND (0.21)
Vinyl acetate	2,100	µg/m³	ND (1,300)	ND (980)	ND (9.6)	ND (10)	ND (10)	ND (9.6)	ND (10)	ND (9.6)	ND (9.9)	ND (9.8)	ND (77)	ND (98)	ND (27)	ND (19)	ND (400)	ND (580)	ND (9.8)
Vinyl chloride	1.1	µg/m³	3,200	3,300	ND (1.7)	ND (0.037)	ND (0.037)	ND (0.035)	36	37	43	38	ND (14)	ND (18)	ND (4.9)	ND (3.4)	85	ND (100)	ND (0.049)
Xylenes, total	1,100	µg/m³	ND (390)	ND (300)	ND (3)	ND (3.1)	3.4	3.6	116	95	72	82	ND (24)	ND (30)	ND (8.3)	ND (5.8)	21,900	17,600	ND (3)

TABLE E16
Analytical Results - Soil Gas Probes (October 2004)
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Sample Location			RSP-08	RSP-09	RSP-09	RSP-10	RSP-10	RSP-11	RSP-11	RSP-12	RSP-12
Sample Time			PM	AM	PM	AM	PM	AM	PM	AM	PM
Sample Date			10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**								
Volatile Organic Compounds											
1,1,1-Trichloroethane	23,000	µg/m³	ND (3.8)	ND (3.6)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.6)	ND (4.1)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (0.19)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19) J	ND (0.19)	ND (0.18) J	ND (0.2)
1,1,2-Trichloroethane	1.2	µg/m³	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.16)
1,1-Dichloroethane	12	µg/m³	ND (2.8)	ND (2.7)	ND (2.8)	ND (2.8)	ND (2.8)	ND (2.8)	ND (2.8)	ND (2.7)	ND (3)
1,1-Dichloroethene	2,100	µg/m³	ND (2.8)	ND (2.6)	ND (2.8)	ND (2.8)	ND (2.8)	ND (2.8)	ND (2.8)	ND (2.6)	ND (3)
1,2,4-Trichlorobenzene	37	µg/m³	ND (21)	ND (20)	ND (21)	ND (21)	ND (21)	ND (21)	ND (21)	ND (20)	ND (22)
1,2,4-Trimethylbenzene	62	µg/m³	3.9	ND (3.3)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.2)	ND (3.7)
1,2-Dibromoethane	0.034	µg/m³	ND (0.21)	ND (0.2)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.2)	ND (0.23)
1,2-Dichlorobenzene	2,100	µg/m³	ND (4.2)	ND (4) J	ND (4.2)	ND (4.2) J	ND (4.2)	ND (4.2) J	ND (4.2)	ND (4) J	ND (4.5)
1,2-Dichloroethane	0.74	µg/m³	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)
1,2-Dichloropropane	0.99	µg/m³	ND (0.13)	ND (0.12)	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.12)	ND (0.14)
1,3,5-Trimethylbenzene	62	µg/m³	ND (3.4)	ND (3.3)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.2)	ND (3.7)
1,3-Butadiene	0.11	µg/m³	ND (1.5)	ND (1.5)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.5)	ND (1.6)
1,3-Dichlorobenzene	1,100	µg/m³	ND (4.2)	ND (4)	ND (4.2)	ND (4.2)	ND (4.2)	ND (4.2)	ND (4.2)	ND (4)	ND (4.5)
1,4-Dichlorobenzene	3.1	µg/m³	ND (4.2)	ND (4)	ND (4.2)	ND (4.2)	ND (4.2)	ND (4.2)	ND (4.2)	ND (4)	ND (4.5)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (10)	ND (9.6)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (9.5)	ND (11)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (3.2)	ND (3.1)	ND (3.3)	ND (3.3)	ND (3.3)	ND (3.3)	ND (3.3)	ND (3.1)	ND (3.5)
2-Hexanone	NE	µg/m³	ND (11)	ND (11)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (11)	ND (12)
3-Chloropropene	10	µg/m³	ND (8.7)	ND (8.4)	ND (8.8)	ND (8.8)	ND (8.8)	ND (8.8)	ND (8.8)	ND (8.3)	ND (9.3)
4-Ethyltoluene	1,100	µg/m³	ND (3.4)	ND (3.3)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.2)	ND (3.7)
Acetone	33,000	µg/m³	6.6	11	8.5	ND (6.7)	10	ND (6.7)	ND (6.7)	8.1	11
Benzene	2.5	µg/m³	ND (2.2)	ND (2.1)	ND (2.2)	ND (2.2)	ND (2.2)	ND (2.2)	ND (2.2)	ND (2.1)	ND (2.4)
Benzyl chloride	0.4	µg/m³	ND (3.6)	ND (3.5)	ND (3.6)	ND (3.6)	ND (3.6)	ND (3.6)	ND (3.6)	ND (3.4)	ND (3.8)
Bromodichloromethane	1.1	µg/m³	ND (4.6)	ND (4.5)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.4)	ND (5)
Bromoform	17	µg/m³	ND (7.2)	ND (6.9)	ND (7.3)	ND (7.3)	ND (7.3)	ND (7.3)	ND (7.3)	ND (6.8)	ND (7.7)
Bromomethane	52	µg/m³	ND (2.7)	ND (2.6)	ND (2.7)	ND (2.7)	ND (2.7)	ND (2.7)	ND (2.7)	ND (2.6)	ND (2.9) J
Carbon disulfide	7,300	µg/m³	2.3	6	6	3.3	3.4	4	3.8	9.3	8.7
Carbon tetrachloride	1.3	µg/m³	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.17)	ND (0.19)
Chlorobenzene	620	µg/m³	ND (3.2)	ND (3.1)	ND (3.2)	ND (3.2)	ND (3.2)	ND (3.2)	ND (3.2)	ND (3)	ND (3.4)
Chloroethane	23	µg/m³	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.7)	ND (2)
Chloroform	0.83	µg/m³	10	ND (3.3)	ND (3.4)	ND (3.4)	ND (3.4)	ND (3.4)	ND (3.4)	ND (3.2)	ND (3.6)
Chloromethane	950	µg/m³	ND (5.7)	ND (5.5)	ND (5.8)	ND (5.8)	ND (5.8)	ND (5.8)	ND (5.8)	ND (5.4)	ND (6.2) J
cis-1,2-Dichloroethene	370	µg/m³	ND (2.8)	ND (2.6)	ND (2.8)	ND (2.8)	ND (2.8)	ND (2.8)	ND (2.8)	ND (2.6)	ND (3)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (3.2)	ND (3)	ND (3.2)	ND (3.2)	ND (3.2)	ND (3.2)	ND (3.2)	ND (3)	ND (3.4)
Cyclohexane	62,000	µg/m³	ND (2.4)	ND (2.3)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.3)	ND (2.6)
Dibromochloromethane	0.8	µg/m³	ND (5.9)	ND (5.7)	ND (6)	ND (6)	ND (6)	ND (6)	ND (6)	ND (5.6)	ND (6.3)
Ethanol	18,000	µg/m³	ND (5.2)	ND (5)	ND (5.3)	ND (5.3)	6.2	ND (5.3)	ND (5.3)	ND (5)	ND (5.6)
Ethylbenzene	11,000	µg/m³	ND (3)	ND (2.9)	ND (3.1)	ND (3.1)	ND (3.1)	ND (3.1)	ND (3.1)	ND (2.9)	ND (3.2)
Freon 11	7,300	µg/m³	ND (3.9)	ND (3.8)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (3.7)	ND (4.2)
Freon 12	2,100	µg/m³	ND (3.4)	ND (3.3)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.3)	ND (3.7)
Freon 113	310,000	µg/m³	ND (5.3)	ND (5.1)	ND (5.4)	ND (5.4)	ND (5.4)	ND (5.4)	ND (5.4)	ND (5)	ND (5.7)
Freon 114	310,000	µg/m³	ND (4.8) J	ND (4.7)	ND (4.9) J	ND (4.9)	ND (4.9) J	ND (4.9)	ND (4.9) J	ND (4.6)	ND (5.2) J
Hexachlorobutadiene	0.86	µg/m³	ND (1.5)	ND (1.4) J	ND (1.5)	ND (1.5) J	ND (1.5)	ND (1.5) J	ND (1.5)	ND (1.4) J	ND (1.6)
Isopropanol	11,000	µg/m³	ND (6.8)	ND (6.6)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.5)	ND (7.3)
Isopropylbenzene (cumene)	4,000	µg/m³	ND (3.4)	ND (3.3)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.2)	ND (3.7)
Methyl ethyl ketone	51,000	µg/m³	ND (2)	ND (2)	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)	7.9	ND (2.2)
Methyl isobutyl ketone	31,000	µg/m³	ND (2.8)	ND (2.7)	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.7)	ND (3)
Methyl tert-butyl ether	74	µg/m³	ND (2.5)	ND (2.4)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.4)	ND (2.7)
Methylene chloride	41	µg/m³	ND (2.4)	ND (2.3)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.4)	ND (2.3)	ND (2.6)
n-Heptane	2,100	µg/m³	ND (2.8)	ND (2.7)	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.7)	ND (3)

TABLE E16
Analytical Results - Soil Gas Probes (October 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		RSP-08	RSP-09	RSP-09	RSP-10	RSP-10	RSP-11	RSP-11	RSP-12	RSP-12
	Sample Time		PM	AM	PM	AM	PM	AM	PM	AM	PM
	Sample Date		10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004
Analyte	**Screening Level**	**Units**	**Analytical Results**								
Volatile Organic Compounds											
n-Propylbenzene	1,500	µg/m³	ND (3.4)	ND (3.3)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.2)	ND (3.7)
Styrene	11,000	µg/m³	ND (3)	ND (2.8)	ND (3)	ND (3)	ND (3)	ND (3)	ND (3)	ND (2.8)	ND (3.2)
Tetrachloroethene	3.2	µg/m³	ND (4.7)	15	15	23	22	150	150	110	110
Tetrahydrofuran		µg/m³	ND (2)	ND (2)	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)	ND (1.9)	2.7
Toluene	4,000	µg/m³	ND (2.6)	ND (2.5)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.5)	ND (2.8)
Total hexanes	2,100	µg/m³	ND (2.4)	ND (2.4)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.3)	ND (2.6)
trans-1,2-Dichloroethene	730	µg/m³	ND (2.8)	ND (2.6)	ND (2.8)	ND (2.8)	ND (2.8)	ND (2.8)	ND (2.8)	ND (2.6)	ND (3)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (3.2)	ND (3)	ND (3.2)	ND (3.2)	ND (3.2)	ND (3.2)	ND (3.2)	ND (3)	ND (3.4)
Trichloroethene	0.17	µg/m³	ND (0.15)	ND (0.14)	ND (0.15)	ND (0.15)	ND (0.15)	0.47	0.48	0.19	0.31
Vinyl acetate	2,100	µg/m³	ND (9.8)	ND (9.4)	ND (9.9)	ND (9.9)	ND (9.9)	ND (9.9)	ND (9.9)	ND (9.3)	ND (10)
Vinyl chloride	1.1	µg/m³	ND (0.036)	ND (0.034)	ND (0.036)	ND (0.036)	ND (0.036)	ND (0.036)	ND (0.036)	ND (0.034)	ND (0.038)
Xylenes, total	1,100	µg/m³	ND (3)	ND (2.9)	ND (3.1)	ND (3.1)	ND (3.1)	ND (3.1)	ND (3.1)	ND (2.9)	ND (3.2)

Notes:
Results greater than the screening level are bolded.
Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See See Table 16c (Soil Gas Screening Levels) for source of screening levels.
NDRI not detected in soil gas during the Remedial Investigation phase
FD field duplicate
µg/m³ micrograms per cubic meter
ND not detected above the laboratory's reporting limit shown in parentheses
J estimated value

TABLE E17
Analytical Results - Soil Gas Probes (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

Sample Location			RSP-03	RSP-03	RSP-03	RSP-05	RSP-05	RSP-06	RSP-06	RSP-07	RSP-07	RSP-07	RSP-08	RSP-08	RSP-09	RSP-09	RSP-10	RSP-10	RSP-11
Sample Time			AM	PM	PM (FD)	AM	PM	AM	PM	AM	AM (FD)	PM	AM	PM	AM	PM	AM	PM	AM
Sample Date			5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
1,1,1-Trichloroethane	23,000	µg/m³	ND (4.3)	ND (4.2)	ND (4.8)	640	610	1,200	1,200	1,000	1,000	1,700	ND (4)	ND (4.5)	ND (4.9)	ND (3.9)	ND (4.1)	ND (4.3)	ND (4.8)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (0.26) J	ND (0.3) J	ND (0.24) J	ND (7.2) J	ND (10)	ND (0.24) J	ND (0.25) J	ND (4.5)	ND (6.7)	ND (5.8)	ND (0.23) J	ND (0.23) J	ND (0.28) J	ND (0.2) J	ND (0.23) J	ND (0.22) J	ND (0.28)
1,1,2-Trichloroethane	1.2	µg/m³	ND (0.2)	ND (0.23)	ND (0.19)	ND (5.8)	ND (8.1)	0.29	0.29	ND (3.6)	ND (5.3)	ND (4.6)	ND (0.18)	ND (0.18)	ND (0.22)	ND (0.16)	ND (0.19)	ND (0.17)	ND (0.22)
1,1-Dichloroethane	12	µg/m³	ND (3.2)	ND (3.1)	ND (3.5)	25	24	34	33	780	860	1,100	ND (3)	ND (3.4)	ND (3.6)	ND (2.9)	ND (3)	ND (3.2)	ND (3.5)
1,1-Dichloroethene	2,100	µg/m³	ND (3.1)	ND (3.1)	ND (3.5)	ND (12)	ND (13)	3.4	ND (3.6)	ND (58)	ND (54)	ND (83)	ND (2.9)	ND (3.3)	ND (3.5)	ND (2.8)	ND (3)	ND (3.1)	ND (3.5)
1,2,4-Trichlorobenzene	37	µg/m³	ND (23)	ND (23)	ND (26)	ND (94)	ND (94)	ND (22)	ND (27)	ND (430)	ND (410)	ND (620)	ND (22)	ND (25)	ND (26)	ND (21)	ND (22)	ND (23)	ND (26)
1,2,4-Trimethylbenzene	62	µg/m³	ND (3.9)	ND (3.8)	ND (4.3)	ND (16)	ND (16)	ND (3.7)	ND (4.5)	220	290	ND (100)	ND (3.6)	ND (4.1)	ND (4.4)	ND (3.5)	ND (3.7)	ND (3.9)	ND (4.3)
1,2-Dibromoethane	0.034	µg/m³	ND (0.29)	ND (0.33)	ND (0.27)	ND (8.1)	ND (11)	ND (0.26)	0.043 J	ND (5.1)	ND (7.5)	ND (6.4)	ND (0.26)	ND (0.26)	ND (0.32) J	ND (0.22)	ND (0.26)	ND (0.24)	ND (0.32)
1,2-Dichlorobenzene	2,100	µg/m³	ND (4.7)	ND (4.6)	ND (5.3)	ND (19)	ND (19)	ND (4.6)	ND (5.5)	ND (88)	ND (82)	ND (130)	ND (4.4)	ND (5)	ND (5.4)	ND (4.3)	ND (4.5)	ND (4.7)	ND (5.3)
1,2-Dichloroethane	0.74	µg/m³	ND (0.15)	ND (0.17)	ND (0.14)	ND (4.3)	ND (6)	ND (0.14)	ND (0.15)	ND (2.7)	ND (3.9)	ND (3.4)	ND (0.14)	ND (0.13)	ND (0.17)	ND (0.12)	ND (0.14)	ND (0.13)	ND (0.16)
1,2-Dichloropropane	0.99	µg/m³	ND (0.17)	ND (0.2)	ND (0.16)	ND (4.9)	ND (6.8)	ND (0.16)	ND (0.17)	ND (3)	ND (4.5)	ND (3.9)	ND (0.16)	ND (0.15)	ND (0.19)	ND (0.13)	ND (0.16)	ND (0.15)	ND (0.19)
1,3,5-Trimethylbenzene	62	µg/m³	ND (3.9)	ND (3.8)	ND (4.3)	ND (16)	ND (16)	ND (3.7)	ND (4.5)	140	170	34 J	ND (3.6)	ND (4.1)	ND (4.4)	ND (3.5)	ND (3.7)	ND (3.9)	ND (4.3)
1,3-Butadiene	0.11	µg/m³	ND (1.7)	ND (1.7)	ND (1.9)	ND (7)	ND (7)	ND (1.7)	ND (2)	ND (32)	ND (30)	ND (46)	ND (1.6)	ND (1.8)	ND (2)	ND (1.6)	ND (1.6)	ND (1.7)	ND (1.9)
1,3-Dichlorobenzene	1,100	µg/m³	ND (4.8)	ND (4.6)	ND (5.3)	ND (19)	ND (19)	ND (4.6)	ND (5.5)	ND (88)	ND (82)	ND (130)	ND (4.4)	ND (5)	ND (5.4)	ND (4.3)	ND (4.5)	ND (4.8)	ND (5.3)
1,4-Dichlorobenzene	3.1	µg/m³	ND (4.8)	ND (4.6)	ND (5.3)	ND (19)	ND (19)	ND (4.6)	ND (5.5)	ND (88)	ND (82)	ND (130)	ND (4.4)	ND (5)	ND (5.4)	ND (4.3)	ND (4.5)	ND (4.8)	ND (5.3)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (11)	ND (11)	ND (13)	ND (46)	ND (46)	ND (11)	ND (13)	ND (210)	ND (200)	ND (300)	ND (10)	ND (12)	ND (13)	ND (10)	ND (11)	ND (11)	ND (13)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (3.7)	ND (3.6)	ND (4.1)	ND (15)	ND (15)	ND (3.6)	1.7 J	ND (68)	ND (64)	ND (98)	ND (3.4)	ND (3.9)	ND (4.2)	ND (3.4)	ND (3.5)	ND (3.7)	ND (4.1)
2-Hexanone	NE	µg/m³	ND (13)	ND (13)	ND (14)	ND (52)	ND (52)	ND (12)	ND (15)	ND (240)	ND (220)	ND (340)	ND (12)	ND (14)	ND (15)	ND (12)	ND (12)	ND (13)	ND (14)
3-Chloropropene	10	µg/m³	ND (9.9)	ND (9.7)	ND (11)	ND (40)	ND (40)	ND (9.5)	ND (11)	ND (180)	ND (170)	ND (260)	ND (9.1)	ND (10)	ND (11)	ND (9)	ND (9.3)	ND (9.9)	ND (11)
4-Ethyltoluene	1,100	µg/m³	ND (3.9)	ND (3.8)	ND (4.3)	ND (16)	ND (16)	ND (3.7)	ND (4.5)	75	76	ND (100)	ND (3.6)	ND (4.1)	ND (4.4)	ND (3.5)	ND (3.7)	ND (3.9)	ND (4.3)
Acetone	33,000	µg/m³	3.7 J	ND (7.4) J	ND (12) J	8.1 J	ND (30) J	3.3 J	ND (8.7) J	ND (140)	ND (130)	ND (200)	2 J	ND (7.9) J	8.4 J	ND (6.8) J	12	ND (7.5) J	16
Benzene	2.5	µg/m³	ND (2.5) J	ND (2.5) J	ND (2.8)	ND (10) J	ND (10) J	ND (2.4) J	ND (2.9) J	ND (47) J	ND (44) J	ND (67) J	ND (2.3) J	ND (2.6) J	ND (2.8) J	ND (2.3) J	ND (2.4) J	ND (2.5) J	ND (2.8) J
Benzyl chloride	0.4	µg/m³	ND (4.1)	ND (4)	ND (4.5)	ND (16)	ND (16)	ND (3.9)	ND (4.7)	ND (76)	ND (71)	ND (110)	ND (3.8)	ND (4.3)	ND (4.6)	ND (3.7)	ND (3.8)	ND (4.1)	ND (4.5)
Bromodichloromethane	1.1	µg/m³	ND (5.3)	ND (5.2)	ND (5.9)	ND (21)	ND (21)	ND (5.1)	ND (6.1)	ND (98)	ND (92)	ND (140)	ND (4.9)	ND (5.6)	ND (6)	ND (4.8)	ND (5)	ND (5.3)	ND (5.9)
Bromoform	17	µg/m³	ND (8.2)	ND (8)	ND (9)	ND (33)	ND (33)	ND (7.8)	ND (9.4)	ND (150)	ND (140)	ND (220)	ND (7.5)	ND (8.6)	ND (9.2)	ND (7.4)	ND (7.7)	ND (8.2)	ND (9)
Bromomethane	52	µg/m³	ND (3.1)	ND (3)	ND (3.4)	ND (12)	ND (12)	ND (3)	ND (3.6)	ND (57)	ND (53)	ND (82)	ND (2.8)	2.7 J	ND (3.5)	ND (2.8)	ND (2.9)	ND (3.1)	ND (3.4)
Carbon disulfide	7,300	µg/m³	7.6	6.7	ND (2.7)	ND (9.8)	9.6 J	1.4 J	1.1 J	ND (45)	ND (43)	ND (65)	ND (2.3)	ND (2.6)	17	2.2 J	ND (2.3)	ND (2.5)	5.1
Carbon tetrachloride	1.3	µg/m³	ND (0.24)	ND (0.27)	ND (0.22) J	ND (6.6)	ND (9.3) J	ND (0.22)	ND (0.23) J	ND (4.2)	ND (6.1)	ND (5.3) J	0.22	0.21 J	0.07 J	0.13 J	ND (0.22)	ND (0.2)	0.16 J
Chlorobenzene	620	µg/m³	ND (3.6)	ND (3.6)	ND (4)	ND (14)	ND (15)	ND (3.5)	ND (4.2)	ND (67)	ND (63)	ND (97)	ND (3.4)	ND (3.8)	ND (4.1)	ND (3.3)	ND (3.4)	ND (3.6)	ND (4)
Chloroethane	23	µg/m³	ND (2.1)	ND (2)	ND (2.3)	ND (8.3)	ND (8.4)	ND (2)	ND (2.4)	ND (38)	ND (36)	ND (55)	ND (1.9)	ND (2.2)	ND (2.4)	ND (1.9)	ND (2)	ND (2.1)	ND (2.3)
Chloroform	0.83	µg/m³	2 J	1.9 J	2.2 J	9.5 J	8.8 J	15	15	ND (71)	ND (67)	ND (100)	6.1	6.1	ND (4.4)	ND (3.5)	ND (3.6)	ND (3.8)	ND (4.3)
Chloromethane	950	µg/m³	ND (6.5)	ND (6.4)	ND (7.2)	ND (26)	ND (26)	1.1 J	ND (7.6)	ND (120)	ND (110)	ND (170)	ND (6)	ND (6.8)	ND (7.4)	ND (5.9)	ND (6.2)	ND (6.5)	ND (7.2)
cis-1,2-Dichloroethene	370	µg/m³	ND (3.1)	ND (3.1)	ND (3.5)	150	140	ND (3)	ND (3.6)	9,900	10,000	14,000	ND (2.9)	ND (3.3)	ND (3.5)	ND (2.8)	ND (3)	ND (3.1)	ND (3.5)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (3.6)	ND (3.5)	ND (4)	ND (14)	ND (14)	ND (3.4)	ND (4.2)	ND (66)	ND (62)	ND (95)	ND (3.3)	ND (3.8)	ND (4.1)	ND (3.3)	ND (3.4)	ND (3.6)	ND (4)
Cyclohexane	62,000	µg/m³	ND (2.7)	ND (2.7)	ND (3)	ND (11)	ND (11)	ND (2.6)	18	ND (50)	ND (47)	53 J	ND (2.5)	ND (2.8)	ND (3.1)	ND (2.5)	ND (2.6)	ND (2.7)	ND (3)
Dibromochloromethane	0.8	µg/m³	ND (6.7)	ND (6.6)	ND (7.4)	ND (27)	ND (27)	ND (6.5)	ND (7.8)	ND (120)	ND (120)	ND (180)	ND (6.2)	ND (7.1)	ND (7.6)	ND (6.1)	ND (6.3)	ND (6.7)	ND (7.4)
Ethanol	18,000	µg/m³	ND (6)	ND (5.8)	ND (6.6)	ND (24)	ND (24)	ND (5.7)	ND (6.9)	ND (110)	ND (100)	ND (160)	ND (5.5)	ND (6.2)	ND (6.7)	ND (5.4)	5.5 J	ND (6)	ND (6.6)
Ethylbenzene	11,000	µg/m³	ND (3.4)	ND (3.4)	ND (3.8)	ND (14)	ND (14)	ND (3.3)	ND (4)	120	150	49 J	ND (3.2)	ND (3.6)	ND (3.9)	ND (3.1)	ND (3.2)	ND (3.4)	ND (3.8)
Freon 11	7,300	µg/m³	ND (4.4)	ND (4.4)	ND (4.9)	8.3 J	9.1 J	4.2 J	4.4 J	ND (82)	ND (77)	ND (120)	2.7 J	2.8 J	5.5	6.4	5	5.7	2.2 J
Freon 12	2,100	µg/m³	2.1 J	2.4 J	2.1 J	ND (16)	ND (16)	2.4 J	2.4 J	ND (72)	ND (68)	ND (100)	1.9 J	2.2 J	2.4 J	3 J	2.6 J	2.9 J	2.1 J
Freon 113	310,000	µg/m³	5.9 J	5.3 J	5.9 J	ND (24)	ND (24)	ND (5.8)	ND (7)	ND (110)	ND (100)	ND (160)	ND (5.6)	ND (6.4)	ND (6.8)	ND (5.5)	ND (5.7)	ND (6)	ND (6.7)
Freon 114	310,000	µg/m³	ND (5.5)	ND (5.4)	ND (6.1)	ND (22)	ND (22)	ND (5.3)	ND (6.4)	ND (100)	ND (96)	ND (150)	ND (5.1)	ND (5.8)	ND (6.2)	ND (5)	ND (5.2)	ND (5.5)	ND (6.1)
Hexachlorobutadiene	0.86	µg/m³	ND (2)	ND (2.3) J	ND (1.9) J	ND (56)	ND (79) J	ND (1.8)	ND (2) J	ND (35) J	ND (52) J	ND (45) J	ND (1.8) J	ND (1.8) J	ND (2.2) J	ND (1.5) J	ND (1.8) J	ND (1.7) J	ND (2.2) J
Isopropanol	11,000	µg/m³	ND (7.8)	ND (7.6)	0.66 J	ND (31)	ND (31)	ND (7.5)	ND (9)	ND (140)	ND (130)	ND (210)	ND (7.2)	1 J	1.4 J	0.52 J	1.8 J	0.87 J	21
Isopropylbenzene (cumene)	4,000	µg/m³	ND (3.9)	ND (3.8)	ND (4.3)	ND (16)	ND (16)	ND (3.7)	ND (4.5)	63 J	82	ND (100)	ND (3.6)	ND (4.1)	ND (4.4)	ND (3.5)	ND (3.7)	ND (3.9)	ND (4.3)
Methyl ethyl ketone	51,000	µg/m³	ND (2.3)	ND (2.3)	ND (2.6)	ND (9.3)	ND (9.4)	ND (2.2)	ND (2.7)	ND (43)	ND (40)	ND (62)	ND (2.2)	ND (2.4)	ND (2.6)	ND (2.1)	2.7	ND (2.3)	2.6
Methyl isobutyl ketone	31,000	µg/m³	ND (3.2)	ND (3.2)	ND (3.6)	ND (13)	ND (13)	ND (3.1)	ND (3.7)	ND (60)	ND (56)	ND (86)	ND (3)	ND (3.4)	ND (3.7)	ND (2.9)	ND (3)	ND (3.2)	ND (3.6)
Methyl tert-butyl ether	74	µg/m³	ND (2.8)	ND (2.8)	ND (3.2)	ND (11)	ND (11)	ND (2.7)	ND (3.3)	ND (53)	ND (49)	ND (76)	ND (2.6)	ND (3)	ND (3.2)	ND (2.6)	ND (2.7)	ND (2.8)	ND (3.2)
Methylene chloride	41	µg/m³	ND (2.7)	ND (2.7)	ND (3)	ND (11)	ND (11)	ND (2.6)	ND (3.2)	ND (51)	ND (48)	ND (73)	ND (2.5)	ND (2.9)	ND (3.1)	ND (2.5)	ND (2.6)	ND (2.7)	ND (3)
Naphthalene	0.56	µg/m³	ND (4.1)	ND (5.6)	ND (4.6)	ND (4.1)	ND (5.4)	ND (4)	ND (4.8)	ND (3.8)	ND (4.5)	ND (88)	ND (3.8)	ND (4.4)	ND (4.7)	ND (3.8)	ND (3.9)	ND (4.1)	ND (4.6)

TABLE E17
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Sample Location			RSP-03	RSP-03	RSP-03	RSP-05	RSP-05	RSP-06	RSP-06	RSP-07	RSP-07	RSP-07	RSP-08	RSP-08	RSP-09	RSP-09	RSP-10	RSP-10	RSP-11
Sample Time			AM	PM	PM (FD)	AM	PM	AM	PM	AM	AM (FD)	PM	AM	PM	AM	PM	AM	PM	AM
Sample Date			5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005
Analyte	**Screening Level**	**Units**	**Analytical Results**																
Volatile Organic Compounds																			
n-Heptane	2,100	µg/m³	ND (3.2)	ND (3.2)	ND (3.6)	ND (13)	ND (13)	ND (3.1)	ND (3.7)	120	140	ND (86)	ND (3)	ND (3.4)	ND (3.7)	ND (3)	ND (3)	ND (3.2)	ND (3.6)
n-Propylbenzene	1,500	µg/m³	ND (3.9)	ND (3.8)	ND (4.3)	ND (16)	ND (16)	ND (3.7)	ND (4.5)	140	180	ND (100)	ND (3.6)	ND (4.1)	ND (4.4)	ND (3.5)	ND (3.7)	ND (3.9)	ND (4.3)
Styrene	11,000	µg/m³	ND (3.4)	ND (3.3)	ND (3.7)	ND (13)	ND (14)	ND (3.2)	ND (3.9)	ND (62)	ND (58)	ND (89)	ND (3.1)	ND (3.5)	ND (3.8)	ND (3.1)	ND (3.2)	ND (3.4)	ND (3.7)
Tetrachloroethene	3.2	µg/m³	ND (5.4)	ND (5.2)	ND (5.9)	4,900	4,800	18	18	3,800	4,000	5,200	ND (5)	ND (5.6)	8.5	9.1	18	17	96
Tetrahydrofuran		µg/m³	1.2 J	0.89 J	1.6 J	ND (9.3) J	ND (9.4) J	ND (2.2) J	1.1 J	ND (43) J	ND (40) J	ND (62) J	0.94 J	1 J	1 J	1.5 J	ND (2.2) J	1.2 J	1.2 J
Toluene	4,000	µg/m³	ND (3)	ND (2.9)	ND (3.3)	ND (12)	ND (12)	ND (2.9)	4.1	ND (55)	23 J	ND (79)	ND (2.8)	ND (3.1)	ND (3.4)	ND (2.7)	ND (2.8)	ND (3)	1.4 J
Total hexanes	2,100	µg/m³	ND (2.8)	ND (2.7)	ND (3.1)	ND (11)	ND (11)	1 J	ND (3.2)	ND (51)	17 J	ND (74)	ND (2.6)	ND (2.9)	ND (3.2)	ND (2.5)	ND (2.6)	ND (2.8)	ND (3.1)
trans-1,2-Dichloroethene	730	µg/m³	ND (3.1)	ND (3.1)	ND (3.5)	58	58	ND (3)	ND (3.6)	320	390	490	ND (2.9)	ND (3.3)	ND (3.5)	ND (2.8)	ND (3)	ND (3.1)	ND (3.5)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (3.6)	ND (3.5)	ND (4)	ND (14)	ND (14)	ND (3.4)	ND (4.2)	ND (66)	ND (62)	ND (95)	ND (3.3)	ND (3.8)	ND (4.1)	ND (3.3)	ND (3.4)	ND (3.6)	ND (4)
Trichloroethene	0.17	µg/m³	ND (0.2) J	ND (0.23) J	ND (0.19) J	4,800	4,200 J	120	120 J	3,400	3,500	4,600	0.45	ND (0.18) J	ND (0.22) J	ND (0.15) J	ND (0.18) J	ND (0.17) J	ND (0.24) J
Vinyl chloride	1.1	µg/m³	ND (0.048)	ND (0.055)	ND (0.045)	ND (1.3)	ND (1.9)	ND (0.044)	ND (0.047)	36	40	34	ND (0.043)	ND (0.042)	ND (0.053)	ND (0.037)	ND (0.044)	ND (0.04)	ND (0.052)
Xylenes, total	1,100	µg/m³	ND (3.4)	ND (3.4)	ND (3.8)	ND (14)	ND (14)	ND (3.3)	ND (4)	72	150	ND (91)	ND (3.2)	ND (3.6)	ND (3.9)	ND (3.1)	ND (3.2)	ND (3.4)	ND (3.8)

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	Sample Location		RSP-11	RSP-12	RSP-12
	Sample Time		PM	AM	PM
	Sample Date		5/13/2005	5/13/2005	5/13/2005
Analyte	**Screening Level**	**Units**	**Analytical Results**		
Volatile Organic Compounds					
1,1,1-Trichloroethane	23,000	µg/m³	ND (4.6)	1.2 J	ND (5.1)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (0.23)	ND (0.22) J	ND (0.26) J
1,1,2-Trichloroethane	1.2	µg/m³	ND (0.18)	ND (0.18)	ND (0.2)
1,1-Dichloroethane	12	µg/m³	ND (3.4)	ND (2.8)	ND (3.8)
1,1-Dichloroethene	2,100	µg/m³	ND (3.3)	ND (2.7)	ND (3.7)
1,2,4-Trichlorobenzene	37	µg/m³	ND (25)	ND (20)	ND (28)
1,2,4-Trimethylbenzene	62	µg/m³	ND (4.1)	ND (3.3)	ND (4.6)
1,2-Dibromoethane	0.034	µg/m³	ND (0.26)	ND (0.25)	ND (0.29)
1,2-Dichlorobenzene	2,100	µg/m³	ND (5)	ND (4.1)	ND (5.6)
1,2-Dichloroethane	0.74	µg/m³	ND (0.14)	ND (0.13)	ND (0.15)
1,2-Dichloropropane	0.99	µg/m³	ND (0.16)	ND (0.15)	ND (0.17)
1,3,5-Trimethylbenzene	62	µg/m³	ND (4.1)	ND (3.3)	ND (4.6)
1,3-Butadiene	0.11	µg/m³	ND (1.8)	ND (1.5)	ND (2.1)
1,3-Dichlorobenzene	1,100	µg/m³	ND (5)	ND (4.1)	ND (5.6)
1,4-Dichlorobenzene	3.1	µg/m³	ND (5)	ND (4.1)	ND (5.6)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (12)	ND (9.8)	ND (13)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (3.9)	ND (3.2)	ND (4.4)
2-Hexanone	NE	µg/m³	ND (14)	ND (11)	ND (15)
3-Chloropropene	10	µg/m³	ND (10)	ND (8.5)	ND (12)
4-Ethyltoluene	1,100	µg/m³	ND (4.1)	ND (3.3)	ND (4.6)
Acetone	33,000	µg/m³	ND (8) J	ND (8.2) J	ND (8.9) J
Benzene	2.5	µg/m³	ND (2.7) J	ND (2.2) J	ND (3)
Benzyl chloride	0.4	µg/m³	ND (4.3)	ND (3.5)	ND (4.8)
Bromodichloromethane	1.1	µg/m³	ND (5.6)	ND (4.6)	ND (6.3)
Bromoform	17	µg/m³	ND (8.7)	ND (7)	ND (9.7)
Bromomethane	52	µg/m³	ND (3.3)	ND (2.6)	ND (3.6)
Carbon disulfide	7,300	µg/m³	14	ND (2.1)	0.75 J
Carbon tetrachloride	1.3	µg/m³	0.058 J	0.18 J	0.14 J
Chlorobenzene	620	µg/m³	ND (3.9)	ND (3.1)	ND (4.3)
Chloroethane	23	µg/m³	ND (2.2)	ND (1.8)	ND (2.5)
Chloroform	0.83	µg/m³	ND (4.1)	ND (3.3)	ND (4.6)
Chloromethane	950	µg/m³	ND (6.9)	ND (5.6)	ND (7.7)
cis-1,2-Dichloroethene	370	µg/m³	ND (3.3)	ND (2.7)	ND (3.7)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (3.8)	ND (3.1)	ND (4.2)
Cyclohexane	62,000	µg/m³	ND (2.9)	ND (2.3)	ND (3.2)
Dibromochloromethane	0.8	µg/m³	ND (7.2)	ND (5.8)	ND (8)
Ethanol	18,000	µg/m³	ND (6.3)	ND (5.1)	ND (7)
Ethylbenzene	11,000	µg/m³	ND (3.6)	ND (3)	ND (4)
Freon 11	7,300	µg/m³	3 J	1.8 J	ND (5.2)
Freon 12	2,100	µg/m³	2.8 J	2.3 J	2.2 J
Freon 113	310,000	µg/m³	ND (6.4)	ND (5.2)	ND (7.2)
Freon 114	310,000	µg/m³	ND (5.9)	ND (4.8)	ND (6.5)
Hexachlorobutadiene	0.86	µg/m³	ND (1.8) J	ND (1.7) J	ND (2) J
Isopropanol	11,000	µg/m³	ND (8.2)	0.6 J	ND (9.2)
Isopropylbenzene (cumene)	4,000	µg/m³	ND (4.1)	ND (3.3)	ND (4.6)
Methyl ethyl ketone	51,000	µg/m³	ND (2.5)	2.2	ND (2.8)
Methyl isobutyl ketone	31,000	µg/m³	ND (3.4)	ND (2.8)	ND (3.8)
Methyl tert-butyl ether	74	µg/m³	ND (3)	ND (2.4)	ND (3.4)
Methylene chloride	41	µg/m³	ND (2.9)	ND (2.4)	ND (3.2)
Naphthalene	0.56	µg/m³	ND (4.4)	ND (3.6)	ND (4.9)

TABLE E17
Analytical Results - Soil Gas Probes (May 2005)
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	Sample Location		RSP-11	RSP-12	RSP-12
	Sample Time		PM	AM	PM
	Sample Date		5/13/2005	5/13/2005	5/13/2005
Analyte	**Screening Level**	**Units**	**Analytical Results**		
Volatile Organic Compounds					
n-Heptane	2,100	µg/m³	ND (3.4)	ND (2.8)	ND (3.8)
n-Propylbenzene	1,500	µg/m³	ND (4.1)	ND (3.3)	ND (4.6)
Styrene	11,000	µg/m³	ND (3.6)	ND (2.9)	ND (4)
Tetrachloroethene	3.2	µg/m³	120	130	120
Tetrahydrofuran		µg/m³	1.2 J	ND (2) J	1.8 J
Toluene	4,000	µg/m³	ND (3.2)	ND (2.6)	ND (3.5)
Total hexanes	2,100	µg/m³	ND (3)	ND (2.4)	2.1 J
trans-1,2-Dichloroethene	730	µg/m³	ND (3.3)	ND (2.7)	ND (3.7)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (3.8)	ND (3.1)	ND (4.2)
Trichloroethene	0.17	µg/m³	0.27	0.44	0.48
Vinyl chloride	1.1	µg/m³	ND (0.043)	ND (0.042)	ND (0.048)
Xylenes, total	1,100	µg/m³	ND (3.6)	ND (3)	ND (4.1)

Notes:
Results greater than the screening level are bolded.
Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See See Table 16c (Soil Gas Screening Levels) for source of screening levels.
NDRI not detected in soil gas during the Remedial Investigation phase
FD field duplicate
µg/m³ micrograms per cubic meter
ND not detected above the laboratory's reporting limit shown in parentheses
J estimated value

TABLE E18
Analytical Results - Soil Gas Probes (November 2006)
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Sample Location			RSP-01	RSP-02	RSP-03	RSP-04	RSP-05	RSP-06	RSP-07	RSP-07 (FD)	RSP-08	RSP-09	RSP-10	RSP-11	RSP-11 (FD)	RSP-12
Sample Date			**11/8/2006**	**11/8/2006**	**11/8/2006**	**11/8/2006**	**11/8/2006**	**11/8/2006**	**11/8/2006**	**11/8/2006**	**11/8/2006**	**11/8/2006**	**11/8/2006**	**11/8/2006**	**11/8/2006**	**11/8/2006**
Analyte	**Screening Level**	**Units**	**Analytical Results**													
Volatile Organic Compounds																
1,1,1-Trichloroethane	23,000	µg/m³	ND (220)	3.8	ND (0.77)	ND (1.3)	1,800	3,600	4,900	5,300	0.5 J	1.1	0.5 J	ND (0.76)	ND (0.77)	ND (1.3)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (270)	ND (0.19)	ND (0.19)	ND (0.33)	ND (9.2)	ND (3.7)	ND (100)	ND (110)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.34)
1,1,2-Trichloroethane	1.2	µg/m³	ND (220)	ND (0.15)	ND (0.15)	ND (0.26)	ND (7.3)	ND (3)	ND (82)	ND (86)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.27)
1,1-Dichloroethane	12	µg/m³	200	0.073 J	0.21	59	100	110	1,400	1,500	ND (0.11)	0.019 J	ND (0.11)	ND (0.11)	ND (0.11)	0.022 J
1,1-Dichloroethene	2,100	µg/m³	710	ND (0.55)	4.8	ND (0.96)	ND (26)	ND (11)	24 J	25 J	ND (0.54)	ND (0.55)	ND (0.54)	ND (0.55)	ND (0.56)	ND (0.97)
1,2,4-Trichlorobenzene	37	µg/m³	ND (1,200)	ND (5.2)	ND (5.2)	ND (9)	ND (250)	ND (100)	ND (450)	ND (470)	ND (5)	ND (5.2)	ND (5)	ND (5.2)	ND (5.2)	ND (9)
1,2,4-Trimethylbenzene	62	µg/m³	ND (200) J	ND (0.68)	ND (0.69)	ND (1.2)	ND (33)	ND (13)	ND (74) J	ND (77) J	ND (0.67)	ND (0.68)	ND (0.67)	ND (0.68)	ND (0.69)	ND (1.2)
1,2-Dibromoethane	0.034	µg/m³	ND (300)	ND (1.1)	ND (1.1)	ND (1.9)	ND (51)	ND (21)	ND (120)	ND (120)	ND (1)	ND (1.1)	ND (1)	ND (1.1)	ND (1.1)	ND (1.9)
1,2-Dichlorobenzene	2,100	µg/m³	ND (240)	ND (0.84)	ND (0.85)	ND (1.5)	ND (40)	ND (16)	ND (91)	ND (95)	ND (0.82)	ND (0.84)	ND (0.82)	ND (0.84)	ND (0.85)	ND (1.5)
1,2-Dichloroethane	0.74	µg/m³	ND (160)	ND (0.11)	ND (0.11)	0.53	ND (5.4)	ND (2.2)	ND (61)	ND (64)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.2)
1,2-Dichloropropane	0.99	µg/m³	ND (180)	ND (0.64)	ND (0.65)	ND (1.1)	ND (31)	ND (12)	ND (70)	ND (73)	ND (0.63)	ND (0.64)	ND (0.63)	ND (0.64)	ND (0.65)	ND (1.1)
1,3,5-Trimethylbenzene	62	µg/m³	ND (200)	ND (0.68)	ND (0.69)	0.57 J	ND (33)	ND (13)	ND (74)	ND (77)	ND (0.67)	ND (0.68)	ND (0.67)	ND (0.68)	ND (0.69)	ND (1.2)
1,3-Dichlorobenzene	1,100	µg/m³	ND (240)	ND (0.84)	ND (0.85)	ND (1.5)	ND (40)	ND (16)	ND (91)	ND (95)	ND (0.82)	ND (0.84)	ND (0.82)	ND (0.84)	ND (0.85)	ND (1.5)
1,4-Dichlorobenzene	3.1	µg/m³	ND (240)	ND (0.84)	ND (0.85)	ND (1.5)	ND (40)	ND (16)	ND (91)	ND (95)	ND (0.82)	ND (0.84)	ND (0.82)	ND (0.84)	ND (0.85)	ND (1.5)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (570)	ND (0.5)	ND (0.51)	ND (0.88)	ND (24)	ND (9.8)	ND (220)	ND (230)	0.31 J	ND (0.5)	ND (0.49)	ND (0.5)	ND (0.51)	ND (0.88)
Benzene	2.5	µg/m³	210	ND (0.22) J	ND (0.22) J	22 J	ND (11) J	ND (4.3) J	ND (48)	ND (50)	ND (0.22) J	ND (0.22) J	ND (0.22) J	ND (0.22) J	ND (0.22) J	ND (0.39) J
Bromomethane	52	µg/m³	ND (150)	ND (0.54)	ND (0.55)	0.89 J	ND (26)	ND (10)	ND (59)	ND (61)	ND (0.53) J	ND (0.54)	ND (0.53) J	ND (0.54) J	ND (0.55)	ND (0.95)
Carbon tetrachloride	1.3	µg/m³	ND (250)	ND (0.87)	ND (0.89)	ND (1.5)	ND (42)	ND (17)	ND (95)	ND (99)	ND (0.86)	ND (0.87)	ND (0.86)	ND (0.87)	ND (0.89)	ND (1.5)
Chlorobenzene	620	µg/m³	110 J	ND (0.64)	ND (0.65)	ND (1.1)	ND (31)	ND (12)	ND (70)	ND (72)	ND (0.63)	ND (0.64)	ND (0.63)	ND (0.64)	ND (0.65)	ND (1.1)
Chloroethane	23	µg/m³	120	ND (0.37)	ND (0.37)	180	ND (18)	ND (7.2)	ND (40)	ND (42)	ND (0.36)	ND (0.37)	ND (0.36)	ND (0.37)	ND (0.37)	ND (0.64)
Chloroform	0.83	µg/m³	ND (190)	3.2	5.2	ND (1.2)	29 J	17	30 J	36 J	8.8	ND (0.68)	ND (0.66)	ND (0.68)	ND (0.69)	ND (1.2)
Chloromethane	950	µg/m³	ND (330)	ND (0.29)	ND (0.29)	ND (0.5)	ND (14)	ND (5.6)	ND (120)	ND (130)	ND (0.28)	ND (0.29)	ND (0.29) J	ND (0.29)	ND (0.29)	ND (0.5)
cis-1,2-Dichloroethene	370	µg/m³	42,000	ND (0.11)	0.32	20	380	1 J	19,000	22,000	0.037 J	0.063 J	0.076 J	0.052 J	ND (0.11)	ND (0.19)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (180)	ND (0.63) J	ND (0.64) J	ND (1.1) J	ND (30) J	ND (12) J	ND (68)	ND (71)	ND (0.62) J	ND (0.63) J	ND (0.62) J	ND (0.63) J	ND (0.64) J	ND (1.1) J
Ethylbenzene	11,000	µg/m³	ND (170)	0.032 J	0.2	0.66	ND (5.8)	ND (2.4)	ND (66)	ND (68)	0.027 J	ND (0.12)	ND (0.12)	0.031 J	ND (0.12)	ND (0.21)
Freon 11	7,300	µg/m³	ND (220)	23	2.7	ND (1.4)	ND (38)	ND (15)	ND (85)	ND (88)	5	3.6	3.1	2.3	2.4	2.3
Freon 12	2,100	µg/m³	ND (200)	1 J	0.5 J	ND (1.2) J	ND (33) J	ND (13) J	ND (75)	ND (78)	1.1 J	1.7 J	1.7 J	1.5 J	1.2 J	1.9 J
Freon 113	310,000	µg/m³	ND (300)	ND (1.1)	4.9	41	ND (51)	ND (21)	ND (120)	ND (120)	ND (1)	ND (1.1)	ND (1)	ND (1.1)	ND (1.1)	ND (1.9)
Freon 134a	310,000	µg/m³	ND (660)	45	3.3	21	ND (140)	21 J	ND (250)	ND (260)	1.7 J	1.1 J	3.5	1.3 J	0.92 J	93
Hexachlorobutadiene	0.86	µg/m³	ND (1,700)	ND (7.4)	ND (7.5)	ND (13)	ND (360)	ND (140) J	ND (640)	ND (670)	ND (7.2) J	ND (7.4)	ND (7.2)	ND (7.4)	ND (7.5)	ND (13)
Methyl tert-butyl ether	74	µg/m³	ND (140)	ND (0.5)	ND (0.51)	0.31 J	ND (24)	ND (9.8)	ND (54)	ND (57)	ND (0.49)	ND (0.5)	ND (0.49)	ND (0.5)	ND (0.51)	ND (0.88)
Methylene chloride	41	µg/m³	ND (140)	ND (0.96)	ND (0.98)	17	ND (46)	ND (19)	ND (52) J	150 J	ND (0.94)	ND (0.96)	1.2	ND (0.96)	ND (0.98)	ND (1.7)
Naphthalene	0.56	µg/m³	ND (830)	ND (3.6) J	ND (3.7) J	ND (6.4) J	ND (180)	ND (71)	ND (320)	ND (330)	0.86 J	ND (3.6) J	ND (3.6) J	ND (3.6) J	ND (3.7) J	ND (6.4) J
Styrene	11,000	µg/m³	ND (170)	ND (0.59)	ND (0.6)	ND (1)	ND (28)	ND (12)	ND (64)	ND (67)	ND (0.58)	ND (0.59)	ND (0.58)	ND (0.59)	ND (0.6)	ND (1)
Tetrachloroethene	3.2	µg/m³	12,000	180	0.31	1.1	8,400	30	3,100	3,400	1.1	11	16	100	110	96
Toluene	4,000	µg/m³	ND (150)	ND (0.52)	ND (0.53)	ND (0.92)	ND (25)	2.5 J	ND (57)	ND (59)	0.15 J	0.17 J	0.29 J	ND (0.52)	0.16 J	0.48 J
trans-1,2-Dichloroethene	730	µg/m³	6,800	0.27 J	0.052 J	0.74 J	130	ND (11)	550	580	ND (0.54)	ND (0.55)	ND (0.54)	0.04 J	ND (0.56)	ND (0.97)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (180)	ND (0.63)	ND (0.64)	ND (1.1)	ND (30)	ND (12)	ND (68)	ND (71)	ND (0.62)	ND (0.63)	ND (0.62)	ND (0.63)	ND (0.64)	ND (1.1)
Trichloroethene	0.17	µg/m³	17,000	0.46	0.22	3.9	9,500	220	4,600	5,000	ND (0.15)	0.11 J	0.13 J	0.29	0.22	0.14 J
Vinyl chloride	1.1	µg/m³	2,800	ND (0.036)	ND (0.036)	20	ND (1.7)	ND (0.7)	ND (38)	ND (40)	ND (0.035)	ND (0.036)	ND (0.035)	ND (0.036)	ND (0.036)	ND (0.062)
Xylenes, total	1,100	µg/m³	ND (170)	ND (0.6)	1.08 J	4.74 J	ND (29)	ND (12)	ND (66)	ND (68)	ND (0.59)	ND (0.6)	ND (0.59)	ND (0.6)	ND (0.61)	ND (1)

Notes:
Results greater than the screening level are bolded.
Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See See Table 16c (Soil Gas Screening Levels) for source of screening levels.

NDRI not detected in soil gas during the Remedial Investigation phase
FD field duplicate
µg/m³ micrograms per cubic meter
ND not detected above the laboratory's reporting limit shown in parentheses
J estimated value

TABLE E19
1428 3rd Street Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		1428SG	1428SG (FD)
	Sample Date		9/21/2004	9/21/2004
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**	
Volatile Organic Compounds				
1,1,1-Trichloroethane	23,000	µg/m³	22	25
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (0.37)	ND (0.37)
1,1,2-Trichloroethane	1.2	µg/m³	0.34	0.36
1,1-Dichloroethane	12	µg/m³	**14**	**17**
1,1-Dichloroethene	2,100	µg/m³	ND (2.7)	ND (2.7)
1,2,4-Trichlorobenzene	37	µg/m³	ND (20)	ND (20)
1,2,4-Trimethylbenzene	62	µg/m³	ND (3.3)	ND (3.3)
1,2-Dibromoethane	0.034	µg/m³	ND (0.42)	ND (0.42)
1,2-Dichlorobenzene	2,100	µg/m³	ND (4.1)	ND (4.1)
1,2-Dichloroethane	0.74	µg/m³	ND (0.22)	ND (0.22)
1,2-Dichloropropane	0.99	µg/m³	ND (0.25)	ND (0.25)
1,3,5-Trimethylbenzene	62	µg/m³	ND (3.3)	ND (3.3)
1,3-Butadiene	0.11	µg/m³	ND (1.5)	ND (1.5)
1,3-Dichlorobenzene	1,100	µg/m³	ND (4.1)	ND (4.1)
1,4-Dichlorobenzene	3.1	µg/m³	ND (4.1)	ND (4.1)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (9.8)	ND (9.8)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (3.2)	ND (3.2)
2-Hexanone	NE	µg/m³	ND (11)	ND (11)
3-Chloropropene	10	µg/m³	ND (8.5)	ND (8.5)
4-Ethyltoluene	1,100	µg/m³	ND (3.3)	ND (3.3)
Acetone	33,000	µg/m³	8.8	7.2
Benzene	2.5	µg/m³	ND (2.2)	ND (2.2)
Benzyl chloride	0.4	µg/m³	ND (3.5)	ND (3.5)
Bromodichloromethane	1.1	µg/m³	ND (4.6)	ND (4.6)
Bromoform	17	µg/m³	ND (7)	ND (7)
Bromomethane	52	µg/m³	ND (2.6)	ND (2.6)
Carbon disulfide	7,300	µg/m³	ND (2.1)	ND (2.1)
Carbon tetrachloride	1.3	µg/m³	ND (0.34)	ND (0.34)
Chlorobenzene	620	µg/m³	ND (3.1)	ND (3.1)
Chloroethane	23	µg/m³	ND (1.8)	ND (1.8)
Chloroform	0.83	µg/m³	**22**	**20**
Chloromethane	950	µg/m³	ND (5.6)	ND (5.6)
cis-1,2-Dichloroethene	370	µg/m³	36	34
cis-1,3-Dichloropropene	4.8	µg/m³	ND (3.1)	ND (3.1)
Cyclohexane	62,000	µg/m³	ND (2.3)	ND (2.3)
Dibromochloromethane	0.8	µg/m³	ND (5.8)	ND (5.8)
Ethanol	18,000	µg/m³	ND (5.1)	ND (5.1)
Ethylbenzene	11,000	µg/m³	ND (3)	ND (3)
Freon 11	7,300	µg/m³	5.6	5.3
Freon 12	2,100	µg/m³	ND (3.4)	ND (3.4)
Freon 113	310,000	µg/m³	ND (5.2)	ND (5.2)
Freon 114	310,000	µg/m³	ND (4.8)	ND (4.8)
Hexachlorobutadiene	0.86	µg/m³	ND (2.9)	ND (2.9)
Isopropanol	11,000	µg/m³	ND (6.7)	ND (6.7)
Isopropylbenzene (cumene)	4,000	µg/m³	ND (3.3)	ND (3.3)
Methyl ethyl ketone	51,000	µg/m³	ND (2)	ND (2)
Methyl isobutyl ketone	31,000	µg/m³	ND (2.8)	ND (2.8)
Methyl tert-butyl ether	74	µg/m³	ND (2.4)	ND (2.4)
Methylene chloride	41	µg/m³	ND (2.4)	ND (2.4)
n-Heptane	2,100	µg/m³	17	15

TABLE E19
1428 3rd Street Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		1428SG	1428SG (FD)
	Sample Date		9/21/2004	9/21/2004
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**	
Volatile Organic Compounds				
n-Propylbenzene	1,500	µg/m³	ND (3.3)	ND (3.3)
Styrene	11,000	µg/m³	ND (2.9)	ND (2.9)
Tetrachloroethene	3.2	µg/m³	**81**	**100**
Tetrahydrofuran	NE	µg/m³	ND (2)	ND (2)
Toluene	4,000	µg/m³	ND (2.6)	ND (2.6)
Total hexanes	2,100	µg/m³	46	35
trans-1,2-Dichloroethene	730	µg/m³	22	20
trans-1,3-Dichloropropene	4.8	µg/m³	ND (3.1)	ND (3.1)
Trichloroethene	0.17	µg/m³	**220**	**230**
Vinyl acetate	2,100	µg/m³	ND (9.6)	ND (9.6)
Vinyl chloride	1.1	µg/m³	ND (0.07)	ND (0.07)
Xylenes, m & p	1,100	µg/m³	ND (3)	ND (3)
Xylenes, o	1,100	µg/m³	ND (3)	ND (3)

Notes:

Results greater than the screening level are bolded.

[1]Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16c (Soil Gas Screening Levels) for source of screening levels.

µg/m³ micrograms per cubic meter
FD field duplicate
ND not detected above the laboratory's reporting limit shown in parentheses

TABLE E20
1432 3rd Street Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		1432SGa	1432SGb
	Sample Date		9/21/2004	9/21/2004
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**	
Volatile Organic Compounds				
1,1,1-Trichloroethane	23,000	µg/m³	ND (3.7)	ND (3.7)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (0.22)	ND (0.19)
1,1,2-Trichloroethane	1.2	µg/m³	ND (0.18)	ND (0.15)
1,1-Dichloroethane	12	µg/m³	ND (2.8)	ND (2.8)
1,1-Dichloroethene	2,100	µg/m³	ND (2.7)	ND (2.7)
1,2,4-Trichlorobenzene	37	µg/m³	ND (20)	ND (20)
1,2,4-Trimethylbenzene	62	µg/m³	6.5	ND (3.3)
1,2-Dibromoethane	0.034	µg/m³	ND (0.25)	ND (0.21)
1,2-Dichlorobenzene	2,100	µg/m³	ND (4.1)	ND (4.1)
1,2-Dichloroethane	0.74	µg/m³	ND (0.13)	ND (0.11)
1,2-Dichloropropane	0.99	µg/m³	ND (0.15)	ND (0.12)
1,3,5-Trimethylbenzene	62	µg/m³	ND (3.3)	ND (3.3)
1,3-Butadiene	0.11	µg/m³	ND (1.5)	ND (1.5)
1,3-Dichlorobenzene	1,100	µg/m³	15	ND (4.1)
1,4-Dichlorobenzene	3.1	µg/m³	ND (4.1)	ND (4.1)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (9.8)	ND (9.8)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (3.2)	ND (3.2)
2-Hexanone	NE	µg/m³	ND (11)	ND (11)
3-Chloropropene	10	µg/m³	ND (8.5)	ND (8.5)
4-Ethyltoluene	1,100	µg/m³	4.9	ND (3.3)
Acetone	33,000	µg/m³	18	12
Benzene	2.5	µg/m³	ND (2.2)	ND (2.2)
Benzyl chloride	0.4	µg/m³	ND (3.5)	ND (3.5)
Bromodichloromethane	1.1	µg/m³	ND (4.6)	ND (4.6)
Bromoform	17	µg/m³	ND (7)	ND (7)
Bromomethane	52	µg/m³	ND (2.6)	ND (2.6)
Carbon disulfide	7,300	µg/m³	ND (2.1)	ND (2.1)
Carbon tetrachloride	1.3	µg/m³	ND (0.2)	ND (0.17)
Chlorobenzene	620	µg/m³	ND (3.1)	ND (3.1)
Chloroethane	23	µg/m³	ND (1.8)	ND (1.8)
Chloroform	0.83	µg/m³	**6.3**	**6.3**
Chloromethane	950	µg/m³	ND (5.6)	ND (5.6)
cis-1,2-Dichloroethene	370	µg/m³	ND (2.7)	ND (2.7)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (3.1)	ND (3.1)
Cyclohexane	62,000	µg/m³	ND (2.3)	ND (2.3)
Dibromochloromethane	0.8	µg/m³	ND (5.8)	ND (5.8)
Ethanol	18,000	µg/m³	20	ND (5.1)
Ethylbenzene	11,000	µg/m³	ND (3)	ND (3)
Freon 11	7,300	µg/m³	12	ND (3.8)
Freon 12	2,100	µg/m³	ND (3.4)	ND (3.4)
Freon 113	310,000	µg/m³	ND (5.2)	ND (5.2)
Freon 114	310,000	µg/m³	ND (4.8)	ND (4.8)
Hexachlorobutadiene	0.86	µg/m³	ND (1.7)	ND (1.4)
Isopropanol	11,000	µg/m³	88	ND (6.7)
Isopropylbenzene (cumene)	4,000	µg/m³	ND (3.3)	ND (3.3)
Methyl ethyl ketone	51,000	µg/m³	5.1	5.4
Methyl isobutyl ketone	31,000	µg/m³	ND (2.8)	ND (2.8)
Methyl tert-butyl ether	74	µg/m³	ND (2.4)	ND (2.4)
Methylene chloride	41	µg/m³	ND (2.4)	ND (2.4)
n-Heptane	2,100	µg/m³	ND (2.8)	ND (2.8)

TABLE E20
1432 3rd Street Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		1432SGa	1432SGb
	Sample Date		9/21/2004	9/21/2004
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**	
Volatile Organic Compounds				
n-Propylbenzene	1,500	µg/m³	ND (3.3)	ND (3.3)
Styrene	11,000	µg/m³	ND (2.9)	ND (2.9)
Tetrachloroethene	3.2	µg/m³	ND (4.6)	ND (4.6)
Tetrahydrofuran	NE	µg/m³	3.5	2.8
Toluene	4,000	µg/m³	4.7	ND (2.6)
Total hexanes	2,100	µg/m³	ND (2.4)	ND (2.4)
trans-1,2-Dichloroethene	730	µg/m³	ND (2.7)	ND (2.7)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (3.1)	ND (3.1)
Trichloroethene	0.17	µg/m³	ND (0.17)	ND (0.15)
Vinyl acetate	2,100	µg/m³	ND (9.6)	ND (9.6)
Vinyl chloride	1.1	µg/m³	ND (0.041)	ND (0.035)
Xylenes, m & p	1,100	µg/m³	8.2	ND (3)
Xylenes, o	1,100	µg/m³	3.4	ND (3)

Notes:

Results greater than the screening level are bolded.

[1]Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16c (Soil Gas Screening Levels) for source of screening levels.

µg/m³ micrograms per cubic meter

ND not detected above the laboratory's reporting limit shown in parentheses

TABLE E21
1436 3rd Street Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		1436SG
	Sample Date		9/21/2004
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**
Volatile Organic Compounds			
1,1,1-Trichloroethane	23,000	µg/m³	ND (3.7)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (0.19)
1,1,2-Trichloroethane	1.2	µg/m³	ND (0.15)
1,1-Dichloroethane	12	µg/m³	ND (2.8)
1,1-Dichloroethene	2,100	µg/m³	ND (2.7)
1,2,4-Trichlorobenzene	37	µg/m³	ND (20)
1,2,4-Trimethylbenzene	62	µg/m³	ND (3.3)
1,2-Dibromoethane	0.034	µg/m³	ND (0.21)
1,2-Dichlorobenzene	2,100	µg/m³	ND (4.1)
1,2-Dichloroethane	0.74	µg/m³	ND (0.11)
1,2-Dichloropropane	0.99	µg/m³	ND (0.12)
1,3,5-Trimethylbenzene	62	µg/m³	ND (3.3)
1,3-Butadiene	0.11	µg/m³	ND (1.5)
1,3-Dichlorobenzene	1,100	µg/m³	ND (4.1)
1,4-Dichlorobenzene	3.1	µg/m³	ND (4.1)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (9.8)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (3.2)
2-Hexanone	NE	µg/m³	ND (11)
3-Chloropropene	10	µg/m³	ND (8.5)
4-Ethyltoluene	1,100	µg/m³	ND (3.3)
Acetone	33,000	µg/m³	6.6
Benzene	2.5	µg/m³	ND (2.2)
Benzyl chloride	0.4	µg/m³	ND (3.5)
Bromodichloromethane	1.1	µg/m³	ND (4.6)
Bromoform	17	µg/m³	ND (7)
Bromomethane	52	µg/m³	ND (2.6)
Carbon disulfide	7,300	µg/m³	ND (2.1)
Carbon tetrachloride	1.3	µg/m³	ND (0.17)
Chlorobenzene	620	µg/m³	ND (3.1)
Chloroethane	23	µg/m³	ND (1.8)
Chloroform	0.83	µg/m³	ND (3.3)
Chloromethane	950	µg/m³	ND (5.6)
cis-1,2-Dichloroethene	370	µg/m³	ND (2.7)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (3.1)
Cyclohexane	62,000	µg/m³	ND (2.3)
Dibromochloromethane	0.8	µg/m³	ND (5.8)
Ethanol	18,000	µg/m³	ND (5.1)
Ethylbenzene	11,000	µg/m³	ND (3)
Freon 11	7,300	µg/m³	16
Freon 12	2,100	µg/m³	ND (3.4)
Freon 113	310,000	µg/m³	ND (5.2)
Freon 114	310,000	µg/m³	ND (4.8)
Hexachlorobutadiene	0.86	µg/m³	ND (1.4)
Isopropanol	11,000	µg/m³	ND (6.7)
Isopropylbenzene (cumene)	4,000	µg/m³	ND (3.3)
Methyl ethyl ketone	51,000	µg/m³	4.1
Methyl isobutyl ketone	31,000	µg/m³	ND (2.8)
Methyl tert-butyl ether	74	µg/m³	ND (2.4)
Methylene chloride	41	µg/m³	ND (2.4)
n-Heptane	2,100	µg/m³	ND (2.8)

TABLE E21
1436 3rd Street Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

			Sample Location	1436SG
			Sample Date	9/21/2004
Analyte	**Screening Level**[1]	**Units**		**Analytical Results**
Volatile Organic Compounds				
n-Propylbenzene	1,500	µg/m³		ND (3.3)
Styrene	11,000	µg/m³		ND (2.9)
Tetrachloroethene	3.2	µg/m³		**5.2**
Tetrahydrofuran	NE	µg/m³		3.3
Toluene	4,000	µg/m³		ND (2.6)
Total hexanes	2,100	µg/m³		ND (2.4)
trans-1,2-Dichloroethene	730	µg/m³		ND (2.7)
trans-1,3-Dichloropropene	4.8	µg/m³		ND (3.1)
Trichloroethene	0.17	µg/m³		ND (0.15)
Vinyl acetate	2,100	µg/m³		ND (9.6)
Vinyl chloride	1.1	µg/m³		ND (0.035)
Xylenes, m & p	1,100	µg/m³		ND (3)
Xylenes, o	1,100	µg/m³		ND (3)

Notes:

Results greater than the screening level are bolded.

[1]Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16c (Soil Gas Screening Levels) for source of screening levels.

µg/m³ micrograms per cubic meter

ND not detected above the laboratory's reporting limit shown in parentheses

TABLE E22
326 Center Street Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		326SG
	Sample Date		9/21/2004
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**
Volatile Organic Compounds			
1,1,1-Trichloroethane	23,000	µg/m³	ND (3.7)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (0.31)
1,1,2-Trichloroethane	1.2	µg/m³	ND (0.25)
1,1-Dichloroethane	12	µg/m³	11
1,1-Dichloroethene	2,100	µg/m³	ND (2.7)
1,2,4-Trichlorobenzene	37	µg/m³	ND (20)
1,2,4-Trimethylbenzene	62	µg/m³	ND (3.3)
1,2-Dibromoethane	0.034	µg/m³	ND (0.35)
1,2-Dichlorobenzene	2,100	µg/m³	ND (4.1)
1,2-Dichloroethane	0.74	µg/m³	ND (0.18)
1,2-Dichloropropane	0.99	µg/m³	ND (0.21)
1,3,5-Trimethylbenzene	62	µg/m³	ND (3.3)
1,3-Butadiene	0.11	µg/m³	ND (1.5)
1,3-Dichlorobenzene	1,100	µg/m³	ND (4.1)
1,4-Dichlorobenzene	3.1	µg/m³	ND (4.1)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (9.8)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (3.2)
2-Hexanone	NE	µg/m³	ND (11)
3-Chloropropene	10	µg/m³	ND (8.5)
4-Ethyltoluene	1,100	µg/m³	ND (3.3)
Acetone	33,000	µg/m³	8.9
Benzene	2.5	µg/m³	ND (2.2)
Benzyl chloride	0.4	µg/m³	ND (3.5)
Bromodichloromethane	1.1	µg/m³	ND (4.6)
Bromoform	17	µg/m³	ND (7)
Bromomethane	52	µg/m³	ND (2.6)
Carbon disulfide	7,300	µg/m³	3.2
Carbon tetrachloride	1.3	µg/m³	ND (0.28)
Chlorobenzene	620	µg/m³	ND (3.1)
Chloroethane	23	µg/m³	ND (1.8)
Chloroform	0.83	µg/m³	**32**
Chloromethane	950	µg/m³	ND (5.6)
cis-1,2-Dichloroethene	370	µg/m³	ND (2.7)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (3.1)
Cyclohexane	62,000	µg/m³	ND (2.3)
Dibromochloromethane	0.8	µg/m³	ND (5.8)
Ethanol	18,000	µg/m³	ND (5.1)
Ethylbenzene	11,000	µg/m³	ND (3)
Freon 11	7,300	µg/m³	4.7
Freon 12	2,100	µg/m³	ND (3.4)
Freon 113	310,000	µg/m³	ND (5.2)
Freon 114	310,000	µg/m³	ND (4.8)
Hexachlorobutadiene	0.86	µg/m³	ND (2.4)
Isopropanol	11,000	µg/m³	ND (6.7)
Isopropylbenzene (cumene)	4,000	µg/m³	ND (3.3)
Methyl ethyl ketone	51,000	µg/m³	4.1
Methyl isobutyl ketone	31,000	µg/m³	ND (2.8)
Methyl tert-butyl ether	74	µg/m³	ND (2.4)
Methylene chloride	41	µg/m³	ND (2.4)
n-Heptane	2,100	µg/m³	ND (2.8)

TABLE E22
326 Center Street Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		326SG
	Sample Date		9/21/2004
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**
Volatile Organic Compounds			
n-Propylbenzene	1,500	µg/m³	ND (3.3)
Styrene	11,000	µg/m³	ND (2.9)
Tetrachloroethene	3.2	µg/m³	**680**
Tetrahydrofuran	NE	µg/m³	3.2
Toluene	4,000	µg/m³	ND (2.6)
Total hexanes	2,100	µg/m³	ND (2.4)
trans-1,2-Dichloroethene	730	µg/m³	ND (2.7)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (3.1)
Trichloroethene	0.17	µg/m³	**52**
Vinyl acetate	2,100	µg/m³	ND (9.6)
Vinyl chloride	1.1	µg/m³	ND (0.058)
Xylenes, m & p	1,100	µg/m³	ND (3)
Xylenes, o	1,100	µg/m³	ND (3)

Notes:

Results greater than the screening level are bolded.

[1]Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16c (Soil Gas Screening Levels) for source of screening levels.

µg/m³ micrograms per cubic meter

ND not detected above the laboratory's reporting limit shown in parentheses

TABLE E23
326 Center Street Analytical Results - Soil Gas (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		326SG
	Sample Date		5/12/2005
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**
Volatile Organic Compounds			
1,1,1-Trichloroethane	23,000	µg/m³	ND (3.9)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (0.2)
1,1,2-Trichloroethane	1.2	µg/m³	ND (0.16)
1,1-Dichloroethane	12	µg/m³	ND (2.9)
1,1-Dichloroethene	2,100	µg/m³	ND (2.8)
1,2,4-Trichlorobenzene	37	µg/m³	ND (21)
1,2,4-Trimethylbenzene	62	µg/m³	ND (3.5)
1,2-Dibromoethane	0.034	µg/m³	ND (0.22)
1,2-Dichlorobenzene	2,100	µg/m³	ND (4.3)
1,2-Dichloroethane	0.74	µg/m³	ND (0.12)
1,2-Dichloropropane	0.99	µg/m³	ND (0.13)
1,3,5-Trimethylbenzene	62	µg/m³	ND (3.5)
1,3-Butadiene	0.11	µg/m³	ND (1.6)
1,3-Dichlorobenzene	1,100	µg/m³	ND (4.3)
1,4-Dichlorobenzene	3.1	µg/m³	ND (4.3)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (10)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (3.4)
2-Hexanone	NE	µg/m³	ND (12)
3-Chloropropene	10	µg/m³	ND (9)
4-Ethyltoluene	1,100	µg/m³	ND (3.5)
Acetone	33,000	µg/m³	14
Benzene	2.5	µg/m³	ND (2.3) J
Benzyl chloride	0.4	µg/m³	ND (3.7)
Bromodichloromethane	1.1	µg/m³	ND (4.8)
Bromoform	17	µg/m³	ND (7.4)
Bromomethane	52	µg/m³	ND (2.8)
Carbon disulfide	7,300	µg/m³	3
Carbon tetrachloride	1.3	µg/m³	ND (0.18)
Chlorobenzene	620	µg/m³	ND (3.3)
Chloroethane	23	µg/m³	ND (1.9)
Chloroform	0.83	µg/m³	**1.8 J**
Chloromethane	950	µg/m³	ND (5.9)
cis-1,2-Dichloroethene	370	µg/m³	ND (2.8)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (3.3)
Cyclohexane	62,000	µg/m³	ND (2.5)
Dibromochloromethane	0.8	µg/m³	ND (6.1)
Ethanol	18,000	µg/m³	ND (5.4)
Ethylbenzene	11,000	µg/m³	ND (3.1)
Freon 11	7,300	µg/m³	4.6
Freon 12	2,100	µg/m³	2.4 J
Freon 113	310,000	µg/m³	ND (5.5)
Freon 114	310,000	µg/m³	ND (5)
Hexachlorobutadiene	0.86	µg/m³	ND (1.5)
Isopropanol	11,000	µg/m³	6.4 J
Isopropylbenzene (cumene)	4,000	µg/m³	ND (3.5)
Methyl ethyl ketone	51,000	µg/m³	1.9 J
Methyl isobutyl ketone	31,000	µg/m³	ND (2.9)
Methyl tert-butyl ether	74	µg/m³	ND (2.6)
Methylene chloride	41	µg/m³	ND (2.5)
Naphthalene	0.56	µg/m³	ND (5)

TABLE E23
326 Center Street Analytical Results - Soil Gas (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		326SG
	Sample Date		5/12/2005
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**
Volatile Organic Compounds			
n-Heptane	2,100	µg/m³	ND (3)
n-Propylbenzene	1,500	µg/m³	ND (3.5)
Styrene	11,000	µg/m³	ND (3.1)
Tetrachloroethene	3.2	µg/m³	**46**
Tetrahydrofuran	NE	µg/m³	1.5 J
Toluene	4,000	µg/m³	ND (2.7)
Total hexanes	2,100	µg/m³	ND (2.5)
trans-1,2-Dichloroethene	730	µg/m³	ND (2.8)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (3.3)
Trichloroethene	0.17	µg/m³	ND (0.15)
Vinyl chloride	1.1	µg/m³	ND (0.037)
Xylenes, m & p	1,100	µg/m³	ND (3.1)
Xylenes, o	1,100	µg/m³	ND (3.1)

Notes:

Results greater than the screening level are bolded.

[1]Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16c (Soil Gas Screening Levels) for source of screening levels.

µg/m³ micrograms per cubic meter

ND not detected above the laboratory's reporting limit shown in parentheses

J estimated value

TABLE E24
356 Center Street Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		356SG
	Sample Date		9/21/2004
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**
Volatile Organic Compounds			
1,1,1-Trichloroethane	23,000	µg/m³	ND (3.7)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (0.19)
1,1,2-Trichloroethane	1.2	µg/m³	ND (0.15)
1,1-Dichloroethane	12	µg/m³	ND (2.8)
1,1-Dichloroethene	2,100	µg/m³	ND (2.7)
1,2,4-Trichlorobenzene	37	µg/m³	ND (20)
1,2,4-Trimethylbenzene	62	µg/m³	8
1,2-Dibromoethane	0.034	µg/m³	ND (0.21)
1,2-Dichlorobenzene	2,100	µg/m³	ND (4.1)
1,2-Dichloroethane	0.74	µg/m³	ND (0.11)
1,2-Dichloropropane	0.99	µg/m³	ND (0.12)
1,3,5-Trimethylbenzene	62	µg/m³	ND (3.3)
1,3-Butadiene	0.11	µg/m³	ND (1.5)
1,3-Dichlorobenzene	1,100	µg/m³	21
1,4-Dichlorobenzene	3.1	µg/m³	ND (4.1)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (9.8)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (3.2)
2-Hexanone	NE	µg/m³	ND (11)
3-Chloropropene	10	µg/m³	ND (8.5)
4-Ethyltoluene	1,100	µg/m³	6.7
Acetone	33,000	µg/m³	22
Benzene	2.5	µg/m³	2.4
Benzyl chloride	0.4	µg/m³	ND (3.5)
Bromodichloromethane	1.1	µg/m³	ND (4.6)
Bromoform	17	µg/m³	ND (7)
Bromomethane	52	µg/m³	ND (2.6)
Carbon disulfide	7,300	µg/m³	ND (2.1)
Carbon tetrachloride	1.3	µg/m³	ND (0.17)
Chlorobenzene	620	µg/m³	ND (3.1)
Chloroethane	23	µg/m³	ND (1.8)
Chloroform	0.83	µg/m³	ND (3.3)
Chloromethane	950	µg/m³	ND (5.6)
cis-1,2-Dichloroethene	370	µg/m³	ND (2.7)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (3.1)
Cyclohexane	62,000	µg/m³	ND (2.3)
Dibromochloromethane	0.8	µg/m³	ND (5.8)
Ethanol	18,000	µg/m³	25
Ethylbenzene	11,000	µg/m³	3.5
Freon 11	7,300	µg/m³	4.3
Freon 12	2,100	µg/m³	ND (3.4)
Freon 113	310,000	µg/m³	ND (5.2)
Freon 114	310,000	µg/m³	ND (4.8)
Hexachlorobutadiene	0.86	µg/m³	ND (1.4)
Isopropanol	11,000	µg/m³	87
Isopropylbenzene (cumene)	4,000	µg/m³	ND (3.3)
Methyl ethyl ketone	51,000	µg/m³	7.5
Methyl isobutyl ketone	31,000	µg/m³	ND (2.8)
Methyl tert-butyl ether	74	µg/m³	ND (2.4)
Methylene chloride	41	µg/m³	ND (2.4)
n-Heptane	2,100	µg/m³	ND (2.8)

TABLE E24
356 Center Street Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		356SG
	Sample Date		9/21/2004
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**
Volatile Organic Compounds			
n-Propylbenzene	1,500	µg/m³	ND (3.3)
Styrene	11,000	µg/m³	ND (2.9)
Tetrachloroethene	3.2	µg/m³	ND (4.6)
Tetrahydrofuran	NE	µg/m³	3.4
Toluene	4,000	µg/m³	9.9
Total hexanes	2,100	µg/m³	ND (2.4)
trans-1,2-Dichloroethene	730	µg/m³	ND (2.7)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (3.1)
Trichloroethene	0.17	µg/m³	ND (0.15)
Vinyl acetate	2,100	µg/m³	ND (9.6)
Vinyl chloride	1.1	µg/m³	ND (0.035)
Xylenes, m & p	1,100	µg/m³	13
Xylenes, o	1,100	µg/m³	4.8

Notes:

[1]Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16c (Soil Gas Screening Levels) for source of screening levels.

µg/m³ micrograms per cubic meter

ND not detected above the laboratory's reporting limit shown in parentheses

TABLE E25
356 Center Street Analytical Results - Soil Gas (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		356SG
	Sample Date		5/12/2005
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**
Volatile Organic Compounds			
1,1,1-Trichloroethane	23,000	µg/m³	ND (14)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (0.52)
1,1,2-Trichloroethane	1.2	µg/m³	ND (0.42)
1,1-Dichloroethane	12	µg/m³	ND (10)
1,1-Dichloroethene	2,100	µg/m³	ND (9.9)
1,2,4-Trichlorobenzene	37	µg/m³	ND (74)
1,2,4-Trimethylbenzene	62	µg/m³	ND (12)
1,2-Dibromoethane	0.034	µg/m³	ND (0.59)
1,2-Dichlorobenzene	2,100	µg/m³	ND (15)
1,2-Dichloroethane	0.74	µg/m³	ND (0.31)
1,2-Dichloropropane	0.99	µg/m³	ND (0.35)
1,3,5-Trimethylbenzene	62	µg/m³	ND (12)
1,3-Butadiene	0.11	µg/m³	ND (5.5)
1,3-Dichlorobenzene	1,100	µg/m³	ND (15)
1,4-Dichlorobenzene	3.1	µg/m³	ND (15)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (36)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (12)
2-Hexanone	NE	µg/m³	ND (41)
3-Chloropropene	10	µg/m³	ND (31)
4-Ethyltoluene	1,100	µg/m³	ND (12)
Acetone	33,000	µg/m³	74
Benzene	2.5	µg/m³	ND (8) J
Benzyl chloride	0.4	µg/m³	ND (13)
Bromodichloromethane	1.1	µg/m³	ND (17)
Bromoform	17	µg/m³	ND (26)
Bromomethane	52	µg/m³	ND (9.7)
Carbon disulfide	7,300	µg/m³	ND (7.8)
Carbon tetrachloride	1.3	µg/m³	0.51
Chlorobenzene	620	µg/m³	ND (11)
Chloroethane	23	µg/m³	ND (6.6)
Chloroform	0.83	µg/m³	ND (12)
Chloromethane	950	µg/m³	ND (20)
cis-1,2-Dichloroethene	370	µg/m³	ND (9.9)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (11)
Cyclohexane	62,000	µg/m³	ND (8.6)
Dibromochloromethane	0.8	µg/m³	ND (21)
Ethanol	18,000	µg/m³	9.7 J
Ethylbenzene	11,000	µg/m³	ND (11)
Freon 11	7,300	µg/m³	ND (14)
Freon 12	2,100	µg/m³	ND (12)
Freon 113	310,000	µg/m³	ND (19)
Freon 114	310,000	µg/m³	ND (17)
Hexachlorobutadiene	0.86	µg/m³	ND (4.1)
Isopropanol	11,000	µg/m³	3.7 J
Isopropylbenzene (cumene)	4,000	µg/m³	ND (12)
Methyl ethyl ketone	51,000	µg/m³	14
Methyl isobutyl ketone	31,000	µg/m³	ND (10)
Methyl tert-butyl ether	74	µg/m³	ND (9)
Methylene chloride	41	µg/m³	ND (8.6)
Naphthalene	0.56	µg/m³	ND (13)

TABLE E25
356 Center Street Analytical Results - Soil Gas (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		356SG
	Sample Date		5/12/2005
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**
Volatile Organic Compounds			
n-Heptane	2,100	µg/m³	ND (10)
n-Propylbenzene	1,500	µg/m³	ND (12)
Styrene	11,000	µg/m³	ND (11)
Tetrachloroethene	3.2	µg/m³	ND (17)
Tetrahydrofuran	NE	µg/m³	5 J
Toluene	4,000	µg/m³	ND (9.4)
Total hexanes	2,100	µg/m³	ND (8.8)
trans-1,2-Dichloroethene	730	µg/m³	ND (9.9)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (11)
Trichloroethene	0.17	µg/m³	ND (0.41)
Vinyl chloride	1.1	µg/m³	ND (0.098)
Xylenes, m & p	1,100	µg/m³	ND (11)
Xylenes, o	1,100	µg/m³	ND (11)

Notes:

Results greater than the screening level are bolded.

[1]Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16c (Soil Gas Screening Levels) for source of screening levels.

µg/m³ micrograms per cubic meter

ND not detected above the laboratory's reporting limit shown in parentheses

J estimated value

TABLE E26
360 Center Street Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		360SGa	360SGb	360SGc
	Sample Date		9/21/2004	9/21/2004	9/21/2004
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**		
Volatile Organic Compounds					
1,1,1-Trichloroethane	23,000	µg/m³	ND (3.7)	ND (3.7)	ND (3.7)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (0.19)	ND (0.19)	ND (0.19)
1,1,2-Trichloroethane	1.2	µg/m³	ND (0.15)	ND (0.15)	ND (0.15)
1,1-Dichloroethane	12	µg/m³	ND (2.8)	ND (2.8)	ND (2.8)
1,1-Dichloroethene	2,100	µg/m³	ND (2.7)	ND (2.7)	ND (2.7)
1,2,4-Trichlorobenzene	37	µg/m³	ND (20)	ND (20)	ND (20)
1,2,4-Trimethylbenzene	62	µg/m³	5.7	ND (3.3)	ND (3.3)
1,2-Dibromoethane	0.034	µg/m³	ND (0.21)	ND (0.21)	ND (0.21)
1,2-Dichlorobenzene	2,100	µg/m³	ND (4.1)	ND (4.1)	ND (4.1)
1,2-Dichloroethane	0.74	µg/m³	ND (0.11)	ND (0.11)	ND (0.11)
1,2-Dichloropropane	0.99	µg/m³	ND (0.12)	ND (0.12)	ND (0.12)
1,3,5-Trimethylbenzene	62	µg/m³	ND (3.3)	ND (3.3)	ND (3.3)
1,3-Butadiene	0.11	µg/m³	ND (1.5)	ND (1.5)	ND (1.5)
1,3-Dichlorobenzene	1,100	µg/m³	26	ND (4.1)	ND (4.1)
1,4-Dichlorobenzene	3.1	µg/m³	ND (4.1)	ND (4.1)	ND (4.1)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (9.8)	ND (9.8)	ND (9.8)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (3.2)	ND (3.2)	ND (3.2)
2-Hexanone	NE	µg/m³	ND (11)	ND (11)	ND (11)
3-Chloropropene	10	µg/m³	ND (8.5)	ND (8.5)	ND (8.5)
4-Ethyltoluene	1,100	µg/m³	4.9	ND (3.3)	ND (3.3)
Acetone	33,000	µg/m³	51	19	24
Benzene	2.5	µg/m³	**3.6**	2.2	ND (2.2)
Benzyl chloride	0.4	µg/m³	ND (3.5)	ND (3.5)	ND (3.5)
Bromodichloromethane	1.1	µg/m³	ND (4.6)	ND (4.6)	ND (4.6)
Bromoform	17	µg/m³	ND (7)	ND (7)	ND (7)
Bromomethane	52	µg/m³	ND (2.6)	ND (2.6)	ND (2.6)
Carbon disulfide	7,300	µg/m³	6.8	ND (2.1)	ND (2.1)
Carbon tetrachloride	1.3	µg/m³	ND (0.17)	ND (0.17)	ND (0.17)
Chlorobenzene	620	µg/m³	ND (3.1)	ND (3.1)	ND (3.1)
Chloroethane	23	µg/m³	ND (1.8)	ND (1.8)	ND (1.8)
Chloroform	0.83	µg/m³	ND (3.3)	ND (3.3)	ND (3.3)
Chloromethane	950	µg/m³	ND (5.6)	ND (5.6)	ND (5.6)
cis-1,2-Dichloroethene	370	µg/m³	ND (2.7)	ND (2.7)	ND (2.7)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (3.1)	ND (3.1)	ND (3.1)
Cyclohexane	62,000	µg/m³	ND (2.3)	ND (2.3)	ND (2.3)
Dibromochloromethane	0.8	µg/m³	ND (5.8)	ND (5.8)	ND (5.8)
Ethanol	18,000	µg/m³	210	6	26
Ethylbenzene	11,000	µg/m³	ND (3)	ND (3)	ND (3)
Freon 11	7,300	µg/m³	ND (3.8)	ND (3.8)	4.5
Freon 12	2,100	µg/m³	ND (3.4)	ND (3.4)	ND (3.4)
Freon 113	310,000	µg/m³	ND (5.2)	ND (5.2)	ND (5.2)
Freon 114	310,000	µg/m³	ND (4.8)	ND (4.8)	ND (4.8)
Hexachlorobutadiene	0.86	µg/m³	ND (1.4)	ND (1.4)	ND (1.4)
Isopropanol	11,000	µg/m³	83	ND (6.7)	ND (6.7)
Isopropylbenzene (cumene)	4,000	µg/m³	ND (3.3)	ND (3.3)	ND (3.3)
Methyl ethyl ketone	51,000	µg/m³	10	7.6	8.4
Methyl isobutyl ketone	31,000	µg/m³	ND (2.8)	ND (2.8)	ND (2.8)
Methyl tert-butyl ether	74	µg/m³	ND (2.4)	ND (2.4)	ND (2.4)
Methylene chloride	41	µg/m³	ND (2.4)	ND (2.4)	ND (2.4)
n-Heptane	2,100	µg/m³	ND (2.8)	ND (2.8)	ND (2.8)

TABLE E26
360 Center Street Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		360SGa	360SGb	360SGc
	Sample Date		9/21/2004	9/21/2004	9/21/2004
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**		
Volatile Organic Compounds					
n-Propylbenzene	1,500	µg/m³	ND (3.3)	ND (3.3)	ND (3.3)
Styrene	11,000	µg/m³	ND (2.9)	ND (2.9)	ND (2.9)
Tetrachloroethene	3.2	µg/m³	ND (4.6)	ND (4.6)	ND (4.6)
Tetrahydrofuran	NE	µg/m³	4	2.6	4.3
Toluene	4,000	µg/m³	10	2.7	ND (2.6)
Total hexanes	2,100	µg/m³	ND (2.4)	ND (2.4)	ND (2.4)
trans-1,2-Dichloroethene	730	µg/m³	ND (2.7)	ND (2.7)	ND (2.7)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (3.1)	ND (3.1)	ND (3.1)
Trichloroethene	0.17	µg/m³	ND (0.15)	ND (0.15)	ND (0.15)
Vinyl acetate	2,100	µg/m³	ND (9.6)	ND (9.6)	ND (9.6)
Vinyl chloride	1.1	µg/m³	ND (0.035)	ND (0.035)	ND (0.035)
Xylenes, m & p	1,100	µg/m³	8.3	ND (3)	ND (3)
Xylenes, o	1,100	µg/m³	3	ND (3)	ND (3)

Notes:

Results greater than the screening level are bolded.

[1]Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16c (Soil Gas Screening Levels) for source of screening levels.

µg/m³ micrograms per cubic meter

ND not detected above the laboratory's reporting limit shown in parentheses

TABLE E27
360 Center Street Analytical Results - Soil Gas (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		360SGa	360SGb	360SGc
	Sample Date		5/12/2005	5/12/2005	5/12/2005
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**		
Volatile Organic Compounds					
1,1,1-Trichloroethane	23,000	µg/m³	ND (4.2)	ND (4.5)	ND (4.1)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	**0.34**	ND (0.22)	ND (0.2)
1,1,2-Trichloroethane	1.2	µg/m³	ND (0.17)	ND (0.18)	ND (0.16)
1,1-Dichloroethane	12	µg/m³	ND (3.1)	ND (3.3)	ND (3)
1,1-Dichloroethene	2,100	µg/m³	ND (3.1)	ND (3.2)	ND (3)
1,2,4-Trichlorobenzene	37	µg/m³	ND (23)	ND (24)	ND (22)
1,2,4-Trimethylbenzene	62	µg/m³	ND (3.8)	ND (4)	ND (3.7)
1,2-Dibromoethane	0.034	µg/m³	ND (0.24)	ND (0.25)	ND (0.23)
1,2-Dichlorobenzene	2,100	µg/m³	ND (4.6)	ND (4.9)	ND (4.5)
1,2-Dichloroethane	0.74	µg/m³	ND (0.12)	ND (0.13)	ND (0.12)
1,2-Dichloropropane	0.99	µg/m³	ND (0.14)	ND (0.15)	ND (0.14)
1,3,5-Trimethylbenzene	62	µg/m³	ND (3.8)	ND (4)	ND (3.7)
1,3-Butadiene	0.11	µg/m³	ND (1.7)	ND (1.8)	ND (1.6)
1,3-Dichlorobenzene	1,100	µg/m³	ND (4.6)	ND (4.9)	ND (4.5)
1,4-Dichlorobenzene	3.1	µg/m³	ND (4.6)	ND (4.9)	ND (4.5)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (11)	ND (12)	ND (11)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (3.6)	ND (3.8)	ND (3.5)
2-Hexanone	NE	µg/m³	ND (13)	ND (13)	ND (12)
3-Chloropropene	10	µg/m³	ND (9.7)	ND (10)	ND (9.3)
4-Ethyltoluene	1,100	µg/m³	ND (3.8)	ND (4)	ND (3.7)
Acetone	33,000	µg/m³	12	8.8	19
Benzene	2.5	µg/m³	1.6 J	ND (2.6) J	ND (2.4) J
Benzyl chloride	0.4	µg/m³	ND (4)	ND (4.2)	ND (3.8)
Bromodichloromethane	1.1	µg/m³	ND (5.2)	ND (5.5)	ND (5)
Bromoform	17	µg/m³	ND (8)	ND (8.5)	ND (7.7)
Bromomethane	52	µg/m³	ND (3)	ND (3.2)	ND (2.9)
Carbon disulfide	7,300	µg/m³	14	ND (2.6)	0.67 J
Carbon tetrachloride	1.3	µg/m³	0.22	ND (0.21)	ND (0.19)
Chlorobenzene	620	µg/m³	ND (3.6)	ND (3.8)	ND (3.4)
Chloroethane	23	µg/m³	ND (2)	ND (2.2)	ND (2)
Chloroform	0.83	µg/m³	**1.1 J**	**1.2 J**	**1.4 J**
Chloromethane	950	µg/m³	ND (6.4)	ND (6.8)	ND (6.2)
cis-1,2-Dichloroethene	370	µg/m³	ND (3.1)	ND (3.2)	ND (3)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (3.5)	ND (3.7)	ND (3.4)
Cyclohexane	62,000	µg/m³	ND (2.7)	ND (2.8)	ND (2.6)
Dibromochloromethane	0.8	µg/m³	ND (6.6)	ND (7)	ND (6.3)
Ethanol	18,000	µg/m³	2.7 J	2 J	4.1 J
Ethylbenzene	11,000	µg/m³	ND (3.4)	ND (3.6)	ND (3.2)
Freon 11	7,300	µg/m³	1.8 J	2.5 J	2.4 J
Freon 12	2,100	µg/m³	2.5 J	2.3 J	2.3 J
Freon 113	310,000	µg/m³	ND (5.9)	ND (6.3)	ND (5.7)
Freon 114	310,000	µg/m³	ND (5.4)	ND (5.7)	ND (5.2)
Hexachlorobutadiene	0.86	µg/m³	ND (1.6)	ND (1.7)	ND (1.6)
Isopropanol	11,000	µg/m³	0.98 J	ND (8.1)	1.1 J
Isopropylbenzene (cumene)	4,000	µg/m³	ND (3.8)	ND (4)	ND (3.7)
Methyl ethyl ketone	51,000	µg/m³	3.8	ND (2.4)	4.1
Methyl isobutyl ketone	31,000	µg/m³	ND (3.2)	ND (3.4)	ND (3)
Methyl tert-butyl ether	74	µg/m³	ND (2.8)	ND (3)	ND (2.7)
Methylene chloride	41	µg/m³	ND (2.7)	ND (2.8)	ND (2.6)
Naphthalene	0.56	µg/m³	ND (5.2)	ND (5.4)	ND (4.9)

TABLE E27
360 Center Street Analytical Results - Soil Gas (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		360SGa	360SGb	360SGc
	Sample Date		5/12/2005	5/12/2005	5/12/2005
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**		
Volatile Organic Compounds					
n-Heptane	2,100	µg/m³	ND (3.2)	ND (3.4)	ND (3)
n-Propylbenzene	1,500	µg/m³	ND (3.8)	ND (4)	ND (3.7)
Styrene	11,000	µg/m³	ND (3.3)	ND (3.5)	ND (3.2)
Tetrachloroethene	3.2	µg/m³	ND (5.2)	ND (5.6)	ND (5)
Tetrahydrofuran	NE	µg/m³	1.6 J	1.8 J	1.5 J
Toluene	4,000	µg/m³	ND (2.9)	ND (3.1)	3.2
Total hexanes	2,100	µg/m³	0.98 J	ND (2.9)	ND (2.6)
trans-1,2-Dichloroethene	730	µg/m³	ND (3.1)	ND (3.2)	ND (3)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (3.5)	ND (3.7)	ND (3.4)
Trichloroethene	0.17	µg/m³	ND (0.17)	ND (0.18)	ND (0.16)
Vinyl chloride	1.1	µg/m³	ND (0.04)	ND (0.042)	ND (0.038)
Xylenes, m & p	1,100	µg/m³	ND (3.4)	ND (3.6)	ND (3.2)
Xylenes, o	1,100	µg/m³	ND (3.4)	ND (3.6)	ND (3.2)

Notes:

Results greater than the screening level are bolded.

[1]Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16c (Soil Gas Screening Levels) for source of screening levels.

µg/m³ micrograms per cubic meter

ND not detected above the laboratory's reporting limit shown in parentheses

J estimated value

TABLE E28
Prescott Park Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		PP-E	PP-NW	PP-SW
	Sample Date		9/30/2004	9/30/2004	9/30/2004
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**		
Volatile Organic Compounds					
1,1,1-Trichloroethane	23,000	µg/m³	ND (3.7)	ND (12)	ND (4)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (0.19)	ND (0.59)	ND (0.2)
1,1,2-Trichloroethane	1.2	µg/m³	ND (0.15)	ND (0.47)	ND (0.16)
1,1-Dichloroethane	12	µg/m³	ND (2.8)	ND (8.7)	ND (3)
1,1-Dichloroethene	2,100	µg/m³	ND (2.7)	ND (8.5)	ND (2.9)
1,2,4-Trichlorobenzene	37	µg/m³	ND (20)	ND (64)	ND (22)
1,2,4-Trimethylbenzene	62	µg/m³	ND (3.3)	ND (10)	ND (3.6)
1,2-Dibromoethane	0.034	µg/m³	ND (0.21)	ND (0.66)	ND (0.22)
1,2-Dichlorobenzene	2,100	µg/m³	ND (4.1)	ND (13)	ND (4.4)
1,2-Dichloroethane	0.74	µg/m³	ND (0.11)	ND (0.35)	ND (0.12)
1,2-Dichloropropane	0.99	µg/m³	ND (0.12)	ND (0.4)	ND (0.14)
1,3,5-Trimethylbenzene	62	µg/m³	ND (3.3)	ND (10)	ND (3.6)
1,3-Butadiene	0.11	µg/m³	ND (1.5)	ND (4.8)	ND (1.6)
1,3-Dichlorobenzene	1,100	µg/m³	ND (4.1)	ND (13)	ND (4.4)
1,4-Dichlorobenzene	3.1	µg/m³	ND (4.1)	ND (13)	ND (4.4)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (9.8)	ND (31)	ND (10)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (3.2)	ND (10)	ND (3.4)
2-Hexanone	NE	µg/m³	ND (11)	ND (35)	ND (12)
3-Chloropropene	10	µg/m³	ND (8.5)	ND (27)	ND (9.2)
4-Ethyltoluene	1,100	µg/m³	ND (3.3)	ND (10)	ND (3.6)
Acetone	33,000	µg/m³	15	46	ND (7)
Benzene	2.5	µg/m³	ND (2.2)	ND (6.9)	ND (2.3)
Benzyl chloride	0.4	µg/m³	ND (3.5)	ND (11)	ND (3.8)
Bromodichloromethane	1.1	µg/m³	ND (4.6)	ND (14)	ND (4.9)
Bromoform	17	µg/m³	ND (7)	ND (22)	ND (7.6)
Bromomethane	52	µg/m³	ND (2.6)	ND (8.3)	ND (2.8)
Carbon disulfide	7,300	µg/m³	ND (2.1)	ND (6.7)	2.6
Carbon tetrachloride	1.3	µg/m³	ND (0.17)	ND (0.54)	ND (0.18)
Chlorobenzene	620	µg/m³	ND (3.1)	ND (9.9)	ND (3.4)
Chloroethane	23	µg/m³	ND (1.8)	ND (5.7)	ND (1.9)
Chloroform	0.83	µg/m³	**99**	ND (10)	**22**
Chloromethane	950	µg/m³	ND (5.6)	ND (18)	ND (6)
cis-1,2-Dichloroethene	370	µg/m³	ND (2.7)	ND (8.5)	ND (2.9)
cis-1,3-Dichloropropene	4.8	µg/m³	ND (3.1)	ND (9.8)	ND (3.3)
Cyclohexane	62,000	µg/m³	ND (2.3)	12	ND (2.5)
Dibromochloromethane	0.8	µg/m³	ND (5.8)	ND (18)	ND (6.2)
Ethanol	18,000	µg/m³	ND (5.1)	ND (16)	ND (5.5)
Ethylbenzene	11,000	µg/m³	ND (3)	ND (9.3)	ND (3.2)
Freon 11	7,300	µg/m³	11	ND (12)	ND (4.1)
Freon 12	2,100	µg/m³	ND (3.4)	ND (11) J	ND (3.6) J
Freon 113	310,000	µg/m³	ND (5.2)	ND (16)	ND (5.6)
Freon 114	310,000	µg/m³	ND (4.8) J	ND (15) J	ND (5.1) J
Hexachlorobutadiene	0.86	µg/m³	ND (1.4)	ND (4.6)	ND (1.6)
Isopropanol	11,000	µg/m³	ND (6.7)	ND (21)	ND (7.2)
Isopropylbenzene (cumene)	4,000	µg/m³	ND (3.3)	ND (10)	ND (3.6)
Methyl ethyl ketone	51,000	µg/m³	3.8	13	5.4
Methyl isobutyl ketone	31,000	µg/m³	ND (2.8)	ND (8.8)	ND (3)
Methyl tert-butyl ether	74	µg/m³	ND (2.4)	ND (7.8)	ND (2.6)
Methylene chloride	41	µg/m³	ND (2.4)	ND (7.5)	ND (2.5)
n-Heptane	2,100	µg/m³	ND (2.8)	18	ND (3)

TABLE E28
Prescott Park Analytical Results - Soil Gas (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		PP-E	PP-NW	PP-SW
	Sample Date		9/30/2004	9/30/2004	9/30/2004
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**		
Volatile Organic Compounds					
n-Propylbenzene	1,500	µg/m³	ND (3.3)	ND (10)	ND (3.6)
Styrene	11,000	µg/m³	ND (2.9)	ND (9.2)	ND (3.1)
Tetrachloroethene	3.2	µg/m³	**16**	**27**	ND (5)
Tetrahydrofuran	NE	µg/m³	ND (2)	7.1	ND (2.2)
Toluene	4,000	µg/m³	2.9	9.1	2.8
Total hexanes	2,100	µg/m³	ND (2.4)	8.2	ND (2.6)
trans-1,2-Dichloroethene	730	µg/m³	ND (2.7)	ND (8.5)	ND (2.9)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (3.1)	ND (9.8)	ND (3.3)
Trichloroethene	0.17	µg/m³	**1**	**1.4**	ND (0.16)
Vinyl acetate	2,100	µg/m³	ND (9.6)	ND (30)	ND (10)
Vinyl chloride	1.1	µg/m³	ND (0.035)	ND (0.11)	ND (0.037)
Xylenes, m & p	1,100	µg/m³	3.5	11	3.6
Xylenes, o	1,100	µg/m³	ND (3)	ND (9.3)	ND (3.2)

Notes:

Results greater than the screening level are bolded.

[1]Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16c (Soil Gas Screening Levels) for source of screening levels.

µg/m³ micrograms per cubic meter

ND not detected above the laboratory's reporting limit shown in parentheses

TABLE E29
Prescott Park Analytical Results - Soil Gas (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		PP-E	PP-E (FD)	PP-SW
	Sample Date		5/13/2005	5/13/2005	5/13/2005
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**		
Volatile Organic Compounds					
1,1,1-Trichloroethane	23,000	µg/m³	ND (3.6)	ND (4.2)	ND (8.1)
1,1,2,2-Tetrachloroethane	0.33	µg/m³	ND (0.18) J	ND (0.31)	ND (0.41)
1,1,2-Trichloroethane	1.2	µg/m³	ND (0.15)	ND (0.24)	ND (0.32)
1,1-Dichloroethane	12	µg/m³	ND (2.7)	ND (3.1)	ND (6)
1,1-Dichloroethene	2,100	µg/m³	ND (2.6)	ND (3.1)	ND (5.9)
1,2,4-Trichlorobenzene	37	µg/m³	ND (20)	ND (23)	ND (44)
1,2,4-Trimethylbenzene	62	µg/m³	ND (3.3)	ND (3.8)	3.2 J
1,2-Dibromoethane	0.034	µg/m³	ND (0.2)	ND (0.34)	ND (0.46)
1,2-Dichlorobenzene	2,100	µg/m³	ND (4)	ND (4.6)	ND (9)
1,2-Dichloroethane	0.74	µg/m³	ND (0.11)	ND (0.18)	ND (0.24)
1,2-Dichloropropane	0.99	µg/m³	ND (0.12)	ND (0.21)	ND (0.28)
1,3,5-Trimethylbenzene	62	µg/m³	ND (3.3)	ND (3.8)	ND (7.3)
1,3-Butadiene	0.11	µg/m³	**1.7**	**1.2 J**	ND (3.3)
1,3-Dichlorobenzene	1,100	µg/m³	ND (4)	ND (4.6)	ND (9)
1,4-Dichlorobenzene	3.1	µg/m³	ND (4)	ND (4.6)	ND (9)
1,4-Dioxane (p-dioxane)	6.1	µg/m³	ND (9.6)	ND (11)	ND (21)
2,2,4-Trimethylpentane	2,100	µg/m³	ND (3.1)	ND (3.6)	4.3 J
2-Hexanone	NE	µg/m³	ND (11)	ND (13)	ND (24)
3-Chloropropene	10	µg/m³	ND (8.4)	ND (9.7)	ND (19)
4-Ethyltoluene	1,100	µg/m³	ND (3.3)	ND (3.8)	ND (7.3)
Acetone	33,000	µg/m³	ND (13) J	ND (9.1) J	53
Benzene	2.5	µg/m³	1.7 J	ND (2.5)	**14**
Benzyl chloride	0.4	µg/m³	ND (3.5)	ND (4)	ND (7.7)
Bromodichloromethane	1.1	µg/m³	ND (4.5)	ND (5.2)	ND (10)
Bromoform	17	µg/m³	ND (6.9)	ND (8)	ND (15)
Bromomethane	52	µg/m³	ND (2.6)	ND (3)	ND (5.8)
Carbon disulfide	7,300	µg/m³	4.1	2.2 J	32
Carbon tetrachloride	1.3	µg/m³	0.056 J	0.064 J	ND (0.38) J
Chlorobenzene	620	µg/m³	ND (3.1)	ND (3.6)	ND (6.8)
Chloroethane	23	µg/m³	ND (1.8)	ND (2)	ND (3.9)
Chloroform	0.83	µg/m³	**23**	**22**	ND (7.3)
Chloromethane	950	µg/m³	ND (5.5)	ND (6.4)	ND (12)
cis-1,2-Dichloroethene	370	µg/m³	ND (2.6)	ND (3.1)	20
cis-1,3-Dichloropropene	4.8	µg/m³	ND (3)	ND (3.5)	ND (6.8)
Cyclohexane	62,000	µg/m³	ND (2.3)	ND (2.7)	52
Dibromochloromethane	0.8	µg/m³	ND (5.7)	ND (6.6)	ND (13)
Ethanol	18,000	µg/m³	ND (5)	ND (5.8)	6.1 J
Ethylbenzene	11,000	µg/m³	ND (2.9)	ND (3.4)	ND (6.5)
Freon 11	7,300	µg/m³	6	5.9	ND (8.4)
Freon 12	2,100	µg/m³	2.2 J	2.3 J	ND (7.4)
Freon 113	310,000	µg/m³	ND (5.1)	ND (5.9)	ND (11)
Freon 114	310,000	µg/m³	ND (4.7)	ND (5.4)	ND (10)
Hexachlorobutadiene	0.86	µg/m³	ND (1.4) J	ND (2.4) J	ND (3.2) J
Isopropanol	11,000	µg/m³	1.2 J	2.2 J	3.8 J
Isopropylbenzene (cumene)	4,000	µg/m³	ND (3.3)	ND (3.8)	ND (7.3)
Methyl ethyl ketone	51,000	µg/m³	4.2	2.9	14
Methyl isobutyl ketone	31,000	µg/m³	ND (2.7)	ND (3.2)	ND (6.1)
Methyl tert-butyl ether	74	µg/m³	ND (2.4)	ND (2.8)	ND (5.4)
Methylene chloride	41	µg/m³	ND (2.3)	ND (2.7)	ND (5.2)
Naphthalene	0.56	µg/m³	ND (3.5)	ND (4.1)	ND (12) J

TABLE E29
Prescott Park Analytical Results - Soil Gas (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

	Sample Location		PP-E	PP-E (FD)	PP-SW
	Sample Date		5/13/2005	5/13/2005	5/13/2005
Analyte	**Screening Level[1]**	**Units**	**Analytical Results**		
Volatile Organic Compounds					
n-Heptane	2,100	µg/m³	ND (2.7)	ND (3.2)	20
n-Propylbenzene	1,500	µg/m³	ND (3.3)	ND (3.8)	ND (7.3)
Styrene	11,000	µg/m³	ND (2.8)	ND (3.3)	ND (6.3)
Tetrachloroethene	3.2	µg/m³	**12**	**11**	ND (10)
Tetrahydrofuran	NE	µg/m³	1.4 J	1.4 J	3.4 J
Toluene	4,000	µg/m³	1.4 J	1.5 J	5.6
Total hexanes	2,100	µg/m³	0.88 J	0.83 J	25
trans-1,2-Dichloroethene	730	µg/m³	ND (2.6)	ND (3.1)	ND (5.9)
trans-1,3-Dichloropropene	4.8	µg/m³	ND (3)	ND (3.5)	ND (6.8)
Trichloroethene	0.17	µg/m³	**0.32**	**0.47**	ND (0.32) J
Vinyl chloride	1.1	µg/m³	ND (0.034)	ND (0.057)	0.52
Xylenes, m & p	1,100	µg/m³	ND (2.9)	ND (3.4)	ND (6.5)
Xylenes, o	1,100	µg/m³	ND (2.9)	ND (3.4)	ND (6.5)

Notes:

Results greater than the screening level are bolded.

[1]Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16c (Soil Gas Screening Levels) for source of screening levels.

µg/m³	micrograms per cubic meter
FD	field duplicate
ND	not detected above the laboratory's reporting limit shown in parentheses
J	estimated value

Air

TABLE E30
1428 3rd Street Analytical Results - Air (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		1428 3rd St			
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**329BA AM 9/21/2004**	**329BA PM 9/21/2004**	**1428AA 9/21/2004**	**1428AA (FD) 9/21/2004**	**1428CAa 9/21/2004**	**1428CAb 9/21/2004**
Volatile Organic Compounds									
1,1,1-Trichloroethane	µg/m³	2,300	ND (0.27)	ND (0.2)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.2)	ND (0.2)
1,1,2,2-Tetrachloroethane	µg/m³	0.033	NE	ND (0.25)	ND (0.24)	ND (0.24)	ND (0.23)	ND (0.26)	ND (0.26)
1,1,2-Trichloroethane	µg/m³	0.12	NE	ND (0.2)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.2)	ND (0.2)
1,1-Dichloroethane	µg/m³	1.2	NE	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.15)	ND (0.15)
1,1-Dichloroethene	µg/m³	210	NE	ND (0.072)	ND (0.07)	ND (0.07)	ND (0.066)	ND (0.074)	ND (0.074)
1,2,4-Trichlorobenzene	µg/m³	3.7	NE	ND (1.4) J	ND (1.3) J	ND (1.3) J	ND (1.2) J	ND (1.4) J	ND (1.4) J
1,2,4-Trimethylbenzene	µg/m³	6.2	NE	0.84	0.17 J	**23**	**23**	**14**	**13**
1,2-Dibromoethane	µg/m³	0.0034	NE	ND (0.28)	ND (0.27)	ND (0.27)	ND (0.26)	ND (0.28)	ND (0.28)
1,2-Dichlorobenzene	µg/m³	210	NE	ND (0.22) J	ND (0.21) J	ND (0.21) J	ND (0.2) J	ND (0.22) J	ND (0.22) J
1,2-Dichloroethane	µg/m³	0.074	ND (0.40)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.15)	ND (0.15)
1,2-Dichloropropane	µg/m³	0.099	NE	ND (0.17)	ND (0.16)	ND (0.16)	ND (0.15)	ND (0.17)	ND (0.17)
1,3,5-Trimethylbenzene	µg/m³	6.2	NE	0.27	ND (0.17)	**8**	**8**	5.6	5.4
1,3-Dichlorobenzene	µg/m³	110	NE	ND (0.22) J	ND (0.21) J	51 J	39 J	ND (0.22) J	ND (0.22) J
1,4-Dichlorobenzene	µg/m³	0.31	NE	ND (0.22) J	ND (0.21) J	**3.5 J**	**2.5 J**	0.25 J	ND (0.22) J
1,4-Dioxane (p-dioxane)	µg/m³	0.61	NE	ND (0.66)	ND (0.64)	ND (0.64)	ND (0.6)	ND (0.67)	ND (0.67)
Benzene	µg/m³	0.25	**0.96**	**1.3 J**	**0.59 J**	**4.8 J**	**5.6 J**	**1.1 J**	**1.2 J**
Bromomethane	µg/m³	5.2	NE	0.42	ND (0.34)	ND (0.34)	0.35	ND (0.36)	ND (0.36)
Carbon tetrachloride	µg/m³	0.13	**0.69**	**0.45**	**0.45**	**0.47**	**0.46**	**0.43**	**0.45**
Chlorobenzene	µg/m³	62	NE	ND (0.17)	ND (0.16)	0.3	0.24	ND (0.17)	ND (0.17)
Chloroethane	µg/m³	2.3	NE	ND (0.24)	ND (0.23)	ND (0.23)	ND (0.22)	ND (0.24)	ND (0.24)
Chloroform	µg/m³	0.083	ND (0.10)	**0.19**	ND (0.17)	ND (0.17)	ND (0.16)	**0.35**	**0.47**
Chloromethane	µg/m³	95	NE	1.2	1.1	1.5	1.5	0.87	1
cis-1,2-Dichloroethene	µg/m³	37	NE	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.15)	ND (0.15)
cis-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.15)	ND (0.17)	ND (0.17)
Ethylbenzene	µg/m³	1,100	NE	0.9	0.23	12	11	1.9	1.8
Freon 11	µg/m³	730	NE	3.2	1.1	1.1	1.1	1.7	1.8
Freon 12	µg/m³	210	NE	3.1	2.5	2.4	2.4	2.4	2.5
Freon 113	µg/m³	31,000	NE	0.61	0.58	0.59	0.57	0.56	0.59
Freon 114	µg/m³	31,000	NE	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.23)	ND (0.26)	ND (0.26)
Hexachlorobutadiene	µg/m³	0.086	NE	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2)	ND (2)

TABLE E30
1428 3rd Street Analytical Results - Air (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		1428 3rd St			
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**329BA AM 9/21/2004**	**329BA PM 9/21/2004**	**1428AA 9/21/2004**	**1428AA (FD) 9/21/2004**	**1428CAa 9/21/2004**	**1428CAb 9/21/2004**
Volatile Organic Compounds									
Methyl tert-butyl ether	µg/m³	7.4	ND (1.8)	ND (0.66)	ND (0.64)	ND (0.64)	ND (0.6)	ND (0.67)	ND (0.67)
Methylene chloride	µg/m³	4.1	ND (1.74)	ND (1.3)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.3)	ND (1.3)
Styrene	µg/m³	1,100	NE	0.31	ND (0.15)	6.8	6.5	0.58	0.52
Tetrachloroethene	µg/m³	0.32	ND (0.47)	0.27	ND (0.24)	**2.2**	**1.2**	**0.34**	**0.34**
Toluene	µg/m³	400	ND (3.0)	4.1	1.1	32	31	5.1	6.3
trans-1,2-Dichloroethene	µg/m³	73	NE	ND (0.72)	ND (0.7)	ND (0.7)	ND (0.66)	ND (0.74)	ND (0.74)
trans-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.15)	ND (0.17)	ND (0.17)
Trichloroethene	µg/m³	0.017	ND (0.43)	**0.11**	ND (0.029)	**0.13**	**0.1**	**0.16**	**0.12**
Vinyl chloride	µg/m³	0.11	ND (0.77)	ND (0.046)	ND (0.045)	0.058	ND (0.043)	ND (0.048)	ND (0.048)
Xylenes, m & p	µg/m³	110	NE	2.9	0.55	44	44	7.9	7.3
Xylenes, o	µg/m³	110	NE	0.96	0.19	18	17	5.5	5

Notes:

Results greater than the screening level are bolded.

[1] Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16d (Ambient and Crawlspace Air Screening Levels) for source of screening levels.

[2] West Oakland background results are from the Oakland-Filbert Street ambient air sampling station monitored by the Bay Area Air Quality Management District, located at 2419 Filbert Street (approximately one mile northeast, or crosswind, of the AMCO site); the result is from December 2002.

[3] Neighborhood background results are from samples collected at 329 Lewis Street (upwind of the AMCO site) in the morning and afternoon of the same day.

FD	field duplicate
ND	not detected above the laboratory's reporting limit shown in parentheses
NE	not established
J	estimated value
µg/m³	micrograms per cubic meter

TABLE E31
1428 3rd Street Analytical Results - Air (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		1428 3rd St			
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**322BA AM 5/12/2005**	**322BA PM 5/12/2005**	**1428AA 5/12/2005**	**1428AA (FD) 5/12/2005**	**1428CAa 5/12/2005**	**1428CAc 5/12/2005**
Volatile Organic Compounds									
1,1,1-Trichloroethane	µg/m³	2,300	ND (0.27)	0.096 J	0.1 J	0.095 J	0.11 J	0.13 J	0.15 J
1,1,2,2-Tetrachloroethane	µg/m³	0.033	NE	ND (0.24) J	ND (0.22) J	**0.15 J**	ND (0.21)	ND (0.21) J	ND (0.21) J
1,1,2-Trichloroethane	µg/m³	0.12	NE	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	ND (0.17)
1,1-Dichloroethane	µg/m³	1.2	NE	ND (0.14)	ND (0.13)	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.13)
1,1-Dichloroethene	µg/m³	210	NE	ND (0.069)	0.052 J	ND (0.061)	ND (0.061)	ND (0.061)	ND (0.062)
1,2,4-Trichlorobenzene	µg/m³	3.7	NE	ND (1.3) J	ND (1.2) J	ND (1.2) J	ND (1.2) J	ND (1.2) J	ND (1.2) J
1,2,4-Trimethylbenzene	µg/m³	6.2	NE	0.11 J	0.22	0.19	0.16	0.077 J	0.45
1,2-Dibromoethane	µg/m³	0.0034	NE	ND (0.27)	ND (0.25)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
1,2-Dichlorobenzene	µg/m³	210	NE	ND (0.21) J	ND (0.2) J	ND (0.19) J	ND (0.19) J	ND (0.19) J	ND (0.19) J
1,2-Dichloroethane	µg/m³	0.074	ND (0.40)	ND (0.14)	ND (0.13)	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.13)
1,2-Dichloropropane	µg/m³	0.099	NE	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)
1,3,5-Trimethylbenzene	µg/m³	6.2	NE	0.042 J	0.094 J	0.082 J	0.068 J	0.039 J	0.13 J
1,3-Dichlorobenzene	µg/m³	110	NE	ND (0.21)	ND (0.2)	ND (0.19) J	0.052 J	ND (0.19) J	ND (0.19) J
1,4-Dichlorobenzene	µg/m³	0.31	NE	0.069 J	ND (0.2) J	ND (0.2) J	ND (0.19) J	ND (0.19) J	**0.4 J**
1,4-Dioxane (p-dioxane)	µg/m³	0.61	NE	ND (0.63)	ND (0.59)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)
Benzene	µg/m³	0.25	**0.96**	**0.43**	**0.52**	**0.41**	**0.44**	0.19 J	**0.55**
Bromomethane	µg/m³	5.2	NE	ND (0.34) J	ND (0.32) J	ND (0.3) J	ND (0.3) J	ND (0.47) J	ND (0.45) J
Carbon tetrachloride	µg/m³	0.13	**0.69**	**0.52**	**0.58**	**0.51 J**	**0.54 J**	**0.49 J**	**0.63 J**
Chlorobenzene	µg/m³	62	NE	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)	0.029 J
Chloroethane	µg/m³	2.3	NE	0.03 J	0.04 J	0.05 J	0.028 J	0.036 J	0.63
Chloroform	µg/m³	0.083	ND (0.10)	**0.13 J**	**0.095 J**	**0.1 J**	**0.11 J**	**0.19**	**0.25**
Chloromethane	µg/m³	95	NE	1.1	1.2	1.1	1.2	3.1	2.7
cis-1,2-Dichloroethene	µg/m³	37	NE	ND (0.14)	ND (0.13)	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)
cis-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)
Ethylbenzene	µg/m³	1,100	NE	0.19	0.22	0.21	0.21	0.11 J	0.4
Freon 11	µg/m³	730	NE	1.6	1.6	1.6	1.7	1.9	2.4
Freon 12	µg/m³	210	NE	2.7	2.6	2.6	2.9	2.4	3.1
Freon 113	µg/m³	31,000	NE	0.64	0.66	0.65	0.69	0.63	0.8
Freon 114	µg/m³	31,000	NE	0.12 J	0.12 J	0.12 J	0.13 J	ND (0.22)	ND (0.22)
Hexachlorobutadiene	µg/m³	0.086	NE	ND (1.9) J	ND (1.7) J	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.7)

TABLE E31
1428 3rd Street Analytical Results - Air (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		1428 3rd St			
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**322BA AM 5/12/2005**	**322BA PM 5/12/2005**	**1428AA 5/12/2005**	**1428AA (FD) 5/12/2005**	**1428CAa 5/12/2005**	**1428CAc 5/12/2005**
Volatile Organic Compounds									
Methyl tert-butyl ether	µg/m³	7.4	ND (1.8)	ND (0.63)	ND (0.59)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)
Methylene chloride	µg/m³	4.1	ND (1.74)	ND (1.2) J	ND (1.1) J	**19**	**21**	4.1	**8.2**
Naphthalene	µg/m³	0.056	NE	0.043	**0.09**	**0.12**	**0.1**	---	---
Styrene	µg/m³	1,100	NE	0.054 J	0.053 J	0.061 J	0.049 J	0.068 J	0.17
Tetrachloroethene	µg/m³	0.32	ND (0.47)	**0.4**	0.28	0.13 J	0.14 J	0.29	0.28
Toluene	µg/m³	400	ND (3.0)	1.1	1.3	1.2	1.2	0.46	1.7
trans-1,2-Dichloroethene	µg/m³	73	NE	ND (0.69)	ND (0.65)	ND (0.61)	ND (0.61)	ND (0.61)	ND (0.62)
trans-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)
Trichloroethene	µg/m³	0.017	ND (0.43)	ND (0.06) J	ND (0.042) J	ND (0.032) J	ND (0.034) J	**0.1**	**0.16**
Vinyl chloride	µg/m³	0.11	ND (0.77)	ND (0.045)	ND (0.042)	ND (0.04)	ND (0.04)	ND (0.04)	ND (0.04)
Xylenes, m & p	µg/m³	110	NE	0.49	0.63	0.58	0.57	0.15 J	0.88
Xylenes, o	µg/m³	110	NE	0.14 J	0.24	0.19	0.17	0.068 J	0.32

Notes:

Results greater than the screening level are bolded.

[1] Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16d (Ambient and Crawlspace Air Screening Levels) for source of screening levels.

[2] West Oakland background results are from the Oakland-Filbert Street ambient air sampling station monitored by the Bay Area Air Quality Management District, located at 2419 Filbert Street (approximately one mile northeast, or crosswind, of the AMCO site); the result is from December 2002.

[3] Neighborhood background results are from samples collected at 322 Lewis Street (upwind of the AMCO site) in the morning and afternoon of the same day.

FD	field duplicate
ND	not detected above the laboratory's reporting limit shown in parentheses
NE	not established
J	estimated value
µg/m³	micrograms per cubic meter

TABLE E32
1432 3rd Street Analytical Results - Air (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		1432 3rd St		
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**329BA AM 9/21/2004**	**329BA PM 9/21/2004**	**1432AA 9/21/2004**	**1432CA 9/21/2004**	**1432CA (FD) 9/21/2004**
Volatile Organic Compounds								
1,1,1-Trichloroethane	µg/m³	2,300	ND (0.27)	ND (0.2)	ND (0.19)	ND (0.18)	ND (0.18)	ND (0.18)
1,1,2,2-Tetrachloroethane	µg/m³	0.033	NE	ND (0.25)	ND (0.24)	ND (0.22)	ND (0.22)	ND (0.22)
1,1,2-Trichloroethane	µg/m³	0.12	NE	ND (0.2)	ND (0.19)	ND (0.18)	ND (0.18)	ND (0.18)
1,1-Dichloroethane	µg/m³	1.2	NE	ND (0.15)	ND (0.14)	ND (0.13)	ND (0.13)	ND (0.13)
1,1-Dichloroethene	µg/m³	210	NE	ND (0.072)	ND (0.07)	ND (0.064)	ND (0.065)	ND (0.065)
1,2,4-Trichlorobenzene	µg/m³	3.7	NE	ND (1.4) J	ND (1.3) J	ND (1.2) J	ND (1.2) J	ND (1.2) J
1,2,4-Trimethylbenzene	µg/m³	6.2	NE	0.84	0.17 J	0.4	**20**	**31**
1,2-Dibromoethane	µg/m³	0.0034	NE	ND (0.28)	ND (0.27)	ND (0.25)	ND (0.25)	ND (0.25)
1,2-Dichlorobenzene	µg/m³	210	NE	ND (0.22) J	ND (0.21) J	ND (0.19) J	ND (0.2)	ND (0.2)
1,2-Dichloroethane	µg/m³	0.074	ND (0.40)	ND (0.15)	ND (0.14)	ND (0.13)	ND (0.13)	ND (0.13)
1,2-Dichloropropane	µg/m³	0.099	NE	ND (0.17)	ND (0.16)	ND (0.15)	ND (0.15)	ND (0.15)
1,3,5-Trimethylbenzene	µg/m³	6.2	NE	0.27	ND (0.17)	ND (0.16)	6.2	**11**
1,3-Dichlorobenzene	µg/m³	110	NE	ND (0.22) J	ND (0.21) J	ND (0.19) J	63	11
1,4-Dichlorobenzene	µg/m³	0.31	NE	ND (0.22) J	ND (0.21) J	ND (0.19) J	**4.8**	**1**
1,4-Dioxane (p-dioxane)	µg/m³	0.61	NE	ND (0.66)	ND (0.64)	ND (0.58)	ND (0.59)	ND (0.59)
Benzene	µg/m³	0.25	**0.96**	**1.3 J**	**0.59 J**	**0.74 J**	**11 J**	**16 J**
Bromomethane	µg/m³	5.2	NE	0.42	ND (0.34)	0.35	0.42	0.39
Carbon tetrachloride	µg/m³	0.13	**0.69**	**0.45**	**0.45**	**0.53**	**0.54**	**0.5**
Chlorobenzene	µg/m³	62	NE	ND (0.17)	ND (0.16)	ND (0.15)	0.4	0.16
Chloroethane	µg/m³	2.3	NE	ND (0.24)	ND (0.23)	ND (0.21)	0.28	0.37
Chloroform	µg/m³	0.083	ND (0.10)	**0.19**	ND (0.17)	**0.3**	**0.44**	**0.42**
Chloromethane	µg/m³	95	NE	1.2	1.1	0.96	1.2	1.5
cis-1,2-Dichloroethene	µg/m³	37	NE	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.13)	ND (0.13)
cis-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.16)	ND (0.14)	ND (0.15)	ND (0.15)
Ethylbenzene	µg/m³	1,100	NE	0.9	0.23	0.4	13	20
Freon 11	µg/m³	730	NE	3.2	1.1	1.4	1.5	1.5
Freon 12	µg/m³	210	NE	3.1	2.5	2.5	2.6	2.6
Freon 113	µg/m³	31,000	NE	0.61	0.58	0.58	0.63	0.61
Freon 114	µg/m³	31,000	NE	ND (0.25)	ND (0.25)	ND (0.22)	ND (0.23)	ND (0.23)
Hexachlorobutadiene	µg/m³	0.086	NE	ND (1.9)	ND (1.9)	ND (1.7)	ND (1.7) J	ND (1.7) J

TABLE E32
1432 3rd Street Analytical Results - Air (September 2004)
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				Neighborhood Background Air Results[3]		1432 3rd St		
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**329BA AM 9/21/2004**	**329BA PM 9/21/2004**	**1432AA 9/21/2004**	**1432CA 9/21/2004**	**1432CA (FD) 9/21/2004**
Volatile Organic Compounds								
Methyl tert-butyl ether	µg/m³	7.4	ND (1.8)	ND (0.66)	ND (0.64)	ND (0.58)	ND (0.59)	ND (0.59)
Methylene chloride	µg/m³	4.1	ND (1.74)	ND (1.3)	ND (1.2)	ND (1.1)	ND (1.1)	ND (1.1)
Styrene	µg/m³	1,100	NE	0.31	ND (0.15)	ND (0.14)	7.8	11
Tetrachloroethene	µg/m³	0.32	ND (0.47)	0.27	ND (0.24)	**0.36**	**3.2**	**0.82**
Toluene	µg/m³	400	ND (3.0)	4.1	1.1	1.6	62	77
trans-1,2-Dichloroethene	µg/m³	73	NE	ND (0.72)	ND (0.7)	ND (0.64)	ND (0.65)	ND (0.65)
trans-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.16)	ND (0.14)	ND (0.15)	ND (0.15)
Trichloroethene	µg/m³	0.017	ND (0.43)	**0.11**	ND (0.029)	**0.046**	**0.36**	**0.16**
Vinyl chloride	µg/m³	0.11	ND (0.77)	ND (0.046)	ND (0.045)	ND (0.041)	**0.13**	0.11
Xylenes, m & p	µg/m³	110	NE	2.9	0.55	1.1	37	94
Xylenes, o	µg/m³	110	NE	0.96	0.19	0.39	15	33

Notes:

Results greater than the screening level are bolded.

[1] Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16d (Ambient and Crawlspace Air Screening Levels) for source of screening levels.

[2] West Oakland background results are from the Oakland-Filbert Street ambient air sampling station monitored by the Bay Area Air Quality Management District, located at 2419 Filbert Street (approximately one mile northeast, or crosswind, of the AMCO site); the result is from December 2002.

[3] Neighborhood background results are from samples collected at 329 Lewis Street (upwind of the AMCO site) in the morning and afternoon of the same day.

FD field duplicate
ND not detected above the laboratory's reporting limit shown in parentheses
NE not established
J estimated value
µg/m³ micrograms per cubic meter

TABLE E33
1432 3rd Street Analytical Results - Air (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		1432 3rd St		
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**322BA AM 5/12/2005**	**322BA PM 5/12/2005**	**1432AA 5/12/2005**	**1432CA 5/12/2005**	**1432CA (FD) 5/12/2005**
Volatile Organic Compounds								
1,1,1-Trichloroethane	µg/m³	2,300	ND (0.27)	0.096 J	0.1 J	0.11 J	0.11 J	0.12 J
1,1,2,2-Tetrachloroethane	µg/m³	0.033	NE	ND (0.24) J	ND (0.22) J	ND (0.23) J	ND (0.22)	ND (0.22) J
1,1,2-Trichloroethane	µg/m³	0.12	NE	ND (0.19)	ND (0.18)	ND (0.18)	ND (0.17)	ND (0.17)
1,1-Dichloroethane	µg/m³	1.2	NE	ND (0.14)	ND (0.13)	ND (0.14)	ND (0.13)	ND (0.13)
1,1-Dichloroethene	µg/m³	210	NE	ND (0.069)	0.052 J	ND (0.067)	ND (0.063)	ND (0.063)
1,2,4-Trichlorobenzene	µg/m³	3.7	NE	ND (1.3) J	ND (1.2) J	ND (1.2) J	ND (1.2) J	ND (1.2) J
1,2,4-Trimethylbenzene	µg/m³	6.2	NE	0.11 J	0.22	0.25	ND (0.16)	0.066 J
1,2-Dibromoethane	µg/m³	0.0034	NE	ND (0.27)	ND (0.25)	ND (0.26)	ND (0.24)	ND (0.24)
1,2-Dichlorobenzene	µg/m³	210	NE	ND (0.21) J	ND (0.2) J	0.13 J	0.11 J	0.16 J
1,2-Dichloroethane	µg/m³	0.074	ND (0.40)	ND (0.14)	ND (0.13)	0.047 J	ND (0.13)	0.044 J
1,2-Dichloropropane	µg/m³	0.099	NE	ND (0.16)	ND (0.15)	ND (0.16)	ND (0.15)	ND (0.15)
1,3,5-Trimethylbenzene	µg/m³	6.2	NE	0.042 J	0.094 J	0.098 J	ND (0.16)	0.047 J
1,3-Dichlorobenzene	µg/m³	110	NE	ND (0.21)	ND (0.2)	0.092 J	0.077 J	0.12 J
1,4-Dichlorobenzene	µg/m³	0.31	NE	0.069 J	ND (0.2) J	0.25 J	**0.32 J**	0.3 J
1,4-Dioxane (p-dioxane)	µg/m³	0.61	NE	ND (0.63)	ND (0.59)	ND (0.6)	ND (0.57)	ND (0.57)
Benzene	µg/m³	0.25	**0.96**	**0.43**	**0.52**	**0.55**	0.23 J	0.11 J
Bromomethane	µg/m³	5.2	NE	ND (0.34) J	ND (0.32) J	ND (0.33) J	ND (0.32) J	ND (0.31) J
Carbon tetrachloride	µg/m³	0.13	**0.69**	**0.52**	**0.58**	**0.6**	**0.53**	**0.58**
Chlorobenzene	µg/m³	62	NE	ND (0.16)	ND (0.15)	ND (0.15)	0.029 J	ND (0.14)
Chloroethane	µg/m³	2.3	NE	0.03 J	0.04 J	ND (0.22)	0.072 J	0.11 J
Chloroform	µg/m³	0.083	ND (0.10)	**0.13 J**	**0.095 J**	**0.18**	**0.19**	**0.16**
Chloromethane	µg/m³	95	NE	1.1	1.2	1.2	0.48	0.45
cis-1,2-Dichloroethene	µg/m³	37	NE	ND (0.14)	ND (0.13)	ND (0.13)	ND (0.12)	ND (0.12)
cis-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.14)
Ethylbenzene	µg/m³	1,100	NE	0.19	0.22	0.24	0.046 J	0.043 J
Freon 11	µg/m³	730	NE	1.6	1.6	1.8	1.7	1.8
Freon 12	µg/m³	210	NE	2.7	2.6	2.9	2.7	2.8
Freon 113	µg/m³	31,000	NE	0.64	0.66	0.71	0.68	0.73
Freon 114	µg/m³	31,000	NE	0.12 J	0.12 J	0.13 J	0.23	0.23
Hexachlorobutadiene	µg/m³	0.086	NE	ND (1.9) J	ND (1.7) J	ND (1.8) J	ND (1.7) J	ND (1.7) J

TABLE E33
1432 3rd Street Analytical Results - Air (May 2005)
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AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		1432 3rd St		
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**322BA AM 5/12/2005**	**322BA PM 5/12/2005**	**1432AA 5/12/2005**	**1432CA 5/12/2005**	**1432CA (FD) 5/12/2005**
Volatile Organic Compounds								
Methyl tert-butyl ether	µg/m³	7.4	ND (1.8)	ND (0.63)	ND (0.59)	ND (0.6)	ND (0.57)	ND (0.57)
Methylene chloride	µg/m³	4.1	ND (1.74)	ND (1.2) J	ND (1.1) J	3.2	2.2	2.2
Naphthalene	µg/m³	0.056	NE	0.043	**0.09**	**0.27**	---	---
Styrene	µg/m³	1,100	NE	0.054 J	0.053 J	0.073 J	ND (0.13)	0.05 J
Tetrachloroethene	µg/m³	0.32	ND (0.47)	**0.4**	0.28	0.22 J	0.15 J	0.17 J
Toluene	µg/m³	400	ND (3.0)	1.1	1.3	1.4	0.17	0.17
trans-1,2-Dichloroethene	µg/m³	73	NE	ND (0.69)	ND (0.65)	ND (0.67)	ND (0.63)	ND (0.63)
trans-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.14)
Trichloroethene	µg/m³	0.017	ND (0.43)	ND (0.06) J	ND (0.042) J	ND (0.057) J	ND (0.036) J	ND (0.05) J
Vinyl chloride	µg/m³	0.11	ND (0.77)	ND (0.045)	ND (0.042)	ND (0.043)	ND (0.04)	0.064
Xylenes, m & p	µg/m³	110	NE	0.49	0.63	0.7	0.08 J	0.1 J
Xylenes, o	µg/m³	110	NE	0.14 J	0.24	0.24	0.027 J	0.059 J

Notes:

Results greater than the screening level are bolded.

[1] Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16d (Ambient and Crawlspace Air Screening Levels) for source of screening levels.

[2] West Oakland background results are from the Oakland-Filbert Street ambient air sampling station monitored by the Bay Area Air Quality Management District, located at 2419 Filbert Street (approximately one mile northeast, or crosswind, of the AMCO site); the result is from December 2002.

[3] Neighborhood background results are from samples collected at 322 Lewis Street (upwind of the AMCO site) in the morning and afternoon of the same day.

FD	field duplicate
ND	not detected above the laboratory's reporting limit shown in parentheses
NE	not established
J	estimated value
µg/m³	micrograms per cubic meter

TABLE E34
1436 3rd Street Analytical Results - Air (September 2004)
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				Neighborhood Background Air Results[3]		1436 3rd St
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**329BA AM 9/21/2004**	**329BA PM 9/21/2004**	**1436AA 9/21/2004**
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/m³	2,300	ND (0.27)	ND (0.2)	ND (0.19)	ND (0.17)
1,1,2,2-Tetrachloroethane	µg/m³	0.033	NE	ND (0.25)	ND (0.24)	ND (0.22)
1,1,2-Trichloroethane	µg/m³	0.12	NE	ND (0.2)	ND (0.19)	ND (0.17)
1,1-Dichloroethane	µg/m³	1.2	NE	ND (0.15)	ND (0.14)	ND (0.13)
1,1-Dichloroethene	µg/m³	210	NE	ND (0.072)	ND (0.07)	ND (0.062)
1,2,4-Trichlorobenzene	µg/m³	3.7	NE	ND (1.4) J	ND (1.3) J	ND (1.2) J
1,2,4-Trimethylbenzene	µg/m³	6.2	NE	0.84	0.17 J	0.89
1,2-Dibromoethane	µg/m³	0.0034	NE	ND (0.28)	ND (0.27)	ND (0.24)
1,2-Dichlorobenzene	µg/m³	210	NE	ND (0.22) J	ND (0.21) J	ND (0.19)
1,2-Dichloroethane	µg/m³	0.074	ND (0.40)	ND (0.15)	ND (0.14)	ND (0.13)
1,2-Dichloropropane	µg/m³	0.099	NE	ND (0.17)	ND (0.16)	ND (0.14)
1,3,5-Trimethylbenzene	µg/m³	6.2	NE	0.27	ND (0.17)	0.26
1,3-Dichlorobenzene	µg/m³	110	NE	ND (0.22) J	ND (0.21) J	ND (0.19)
1,4-Dichlorobenzene	µg/m³	0.31	NE	ND (0.22) J	ND (0.21) J	ND (0.19)
1,4-Dioxane (p-dioxane)	µg/m³	0.61	NE	ND (0.66)	ND (0.64)	ND (0.57)
Benzene	µg/m³	0.25	**0.96**	**1.3 J**	**0.59 J**	**0.79 J**
Bromomethane	µg/m³	5.2	NE	0.42	ND (0.34)	0.34
Carbon tetrachloride	µg/m³	0.13	**0.69**	**0.45**	**0.45**	**0.48**
Chlorobenzene	µg/m³	62	NE	ND (0.17)	ND (0.16)	ND (0.14)
Chloroethane	µg/m³	2.3	NE	ND (0.24)	ND (0.23)	ND (0.21)
Chloroform	µg/m³	0.083	ND (0.10)	**0.19**	ND (0.17)	**0.16**
Chloromethane	µg/m³	95	NE	1.2	1.1	1
cis-1,2-Dichloroethene	µg/m³	37	NE	ND (0.14)	ND (0.14)	ND (0.12)
cis-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.16)	ND (0.14)
Ethylbenzene	µg/m³	1,100	NE	0.9	0.23	0.57
Freon 11	µg/m³	730	NE	3.2	1.1	1.3
Freon 12	µg/m³	210	NE	3.1	2.5	2.8
Freon 113	µg/m³	31,000	NE	0.61	0.58	0.63
Freon 114	µg/m³	31,000	NE	ND (0.25)	ND (0.25)	ND (0.22)
Hexachlorobutadiene	µg/m³	0.086	NE	ND (1.9)	ND (1.9)	ND (1.7) J

TABLE E34
1436 3rd Street Analytical Results - Air (September 2004)
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				Neighborhood Background Air Results[3]		1436 3rd St
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**329BA AM 9/21/2004**	**329BA PM 9/21/2004**	**1436AA 9/21/2004**
Volatile Organic Compounds						
Methyl tert-butyl ether	µg/m³	7.4	ND (1.8)	ND (0.66)	ND (0.64)	ND (0.57)
Methylene chloride	µg/m³	4.1	ND (1.74)	ND (1.3)	ND (1.2)	ND (1.1)
Styrene	µg/m³	1,100	NE	0.31	ND (0.15)	ND (0.13)
Tetrachloroethene	µg/m³	0.32	ND (0.47)	0.27	ND (0.24)	ND (0.21)
Toluene	µg/m³	400	ND (3.0)	4.1	1.1	1.7
trans-1,2-Dichloroethene	µg/m³	73	NE	ND (0.72)	ND (0.7)	ND (0.62)
trans-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.16)	ND (0.14)
Trichloroethene	µg/m³	0.017	ND (0.43)	**0.11**	ND (0.029)	**0.058**
Vinyl chloride	µg/m³	0.11	ND (0.77)	ND (0.046)	ND (0.045)	ND (0.04)
Xylenes, m & p	µg/m³	110	NE	2.9	0.55	1.6
Xylenes, o	µg/m³	110	NE	0.96	0.19	0.43

Notes:

Results greater than the screening level are bolded.

[1] Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16d (Ambient and Crawlspace Air Screening Levels) for source of screening levels.

[2] West Oakland background results are from the Oakland-Filbert Street ambient air sampling station monitored by the Bay Area Air Quality Management District, located at 2419 Filbert Street (approximately one mile northeast, or crosswind, of the AMCO site); the result is from December 2002.

[3] Neighborhood background results are from samples collected at 329 Lewis Street (upwind of the AMCO site) in the morning and afternoon of the same day.

ND not detected above the laboratory's reporting limit shown in parentheses
NE not established
J estimated value
µg/m³ micrograms per cubic meter

TABLE E35
1436 3rd Street Analytical Results - Air (May 2005)
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AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		1436 3rd St
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**322BA AM 5/12/2005**	**322BA PM 5/12/2005**	**1436AA 5/12/2005**
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/m³	2,300	ND (0.27)	0.096 J	0.1 J	0.11 J
1,1,2,2-Tetrachloroethane	µg/m³	0.033	NE	ND (0.24) J	ND (0.22) J	ND (0.22) J
1,1,2-Trichloroethane	µg/m³	0.12	NE	ND (0.19)	ND (0.18)	ND (0.17)
1,1-Dichloroethane	µg/m³	1.2	NE	ND (0.14)	ND (0.13)	ND (0.13)
1,1-Dichloroethene	µg/m³	210	NE	ND (0.069)	0.052 J	ND (0.063)
1,2,4-Trichlorobenzene	µg/m³	3.7	NE	ND (1.3) J	ND (1.2) J	ND (1.2) J
1,2,4-Trimethylbenzene	µg/m³	6.2	NE	0.11 J	0.22	0.18
1,2-Dibromoethane	µg/m³	0.0034	NE	ND (0.27)	ND (0.25)	ND (0.24)
1,2-Dichlorobenzene	µg/m³	210	NE	ND (0.21) J	ND (0.2) J	0.1 J
1,2-Dichloroethane	µg/m³	0.074	ND (0.40)	ND (0.14)	ND (0.13)	0.049 J
1,2-Dichloropropane	µg/m³	0.099	NE	ND (0.16)	ND (0.15)	ND (0.15)
1,3,5-Trimethylbenzene	µg/m³	6.2	NE	0.042 J	0.094 J	0.072 J
1,3-Dichlorobenzene	µg/m³	110	NE	ND (0.21)	ND (0.2)	0.074 J
1,4-Dichlorobenzene	µg/m³	0.31	NE	0.069 J	ND (0.2) J	0.14 J
1,4-Dioxane (p-dioxane)	µg/m³	0.61	NE	ND (0.63)	ND (0.59)	ND (0.57)
Benzene	µg/m³	0.25	**0.96**	**0.43**	**0.52**	**0.48**
Bromomethane	µg/m³	5.2	NE	ND (0.34) J	ND (0.32) J	ND (0.31) J
Carbon tetrachloride	µg/m³	0.13	**0.69**	**0.52**	**0.58**	**0.63**
Chlorobenzene	µg/m³	62	NE	ND (0.16)	ND (0.15)	0.028 J
Chloroethane	µg/m³	2.3	NE	0.03 J	0.04 J	0.039 J
Chloroform	µg/m³	0.083	ND (0.10)	**0.13 J**	**0.095 J**	**0.11 J**
Chloromethane	µg/m³	95	NE	1.1	1.2	1.3
cis-1,2-Dichloroethene	µg/m³	37	NE	ND (0.14)	ND (0.13)	ND (0.12)
cis-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.15)	ND (0.14)
Ethylbenzene	µg/m³	1,100	NE	0.19	0.22	0.22
Freon 11	µg/m³	730	NE	1.6	1.6	1.8
Freon 12	µg/m³	210	NE	2.7	2.6	3
Freon 113	µg/m³	31,000	NE	0.64	0.66	0.74
Freon 114	µg/m³	31,000	NE	0.12 J	0.12 J	0.14 J
Hexachlorobutadiene	µg/m³	0.086	NE	ND (1.9) J	ND (1.7) J	ND (1.7) J

TABLE E35
1436 3rd Street Analytical Results - Air (May 2005)
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AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		1436 3rd St
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**322BA AM 5/12/2005**	**322BA PM 5/12/2005**	**1436AA 5/12/2005**
Volatile Organic Compounds						
Methyl tert-butyl ether	µg/m³	7.4	ND (1.8)	ND (0.63)	ND (0.59)	ND (0.57)
Methylene chloride	µg/m³	4.1	ND (1.74)	ND (1.2) J	ND (1.1) J	**11**
Naphthalene	µg/m³	0.056	NE	0.043	**0.09**	**0.069**
Styrene	µg/m³	1,100	NE	0.054 J	0.053 J	0.055 J
Tetrachloroethene	µg/m³	0.32	ND (0.47)	**0.4**	0.28	0.18 J
Toluene	µg/m³	400	ND (3.0)	1.1	1.3	1.3
trans-1,2-Dichloroethene	µg/m³	73	NE	ND (0.69)	ND (0.65)	ND (0.63)
trans-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.15)	ND (0.14)
Trichloroethene	µg/m³	0.017	ND (0.43)	ND (0.06) J	ND (0.042) J	ND (0.043) J
Vinyl chloride	µg/m³	0.11	ND (0.77)	ND (0.045)	ND (0.042)	ND (0.04)
Xylenes, m & p	µg/m³	110	NE	0.49	0.63	0.58
Xylenes, o	µg/m³	110	NE	0.14 J	0.24	0.18

Notes:

Results greater than the screening level are bolded.

[1] Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16d (Ambient and Crawlspace Air Screening Levels) for source of screening levels.

[2] West Oakland background results are from the Oakland-Filbert Street ambient air sampling station monitored by the Bay Area Air Quality Management District, located at 2419 Filbert Street (approximately one mile northeast, or crosswind, of the AMCO site); the result is from December 2002.

[3] Neighborhood background results are from samples collected at 322 Lewis Street (upwind of the AMCO site) in the morning and afternoon of the same day.

ND not detected above the laboratory's reporting limit shown in parentheses
NE not established
J estimated value
µg/m³ micrograms per cubic meter

TABLE E36
326 Center Street Analytical Results - Air (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		326 Center St	
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**329BA AM 9/21/2004**	**329BA PM 9/21/2004**	**326AA 9/21/2004**	**326CA 9/21/2004**
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/m³	2,300	ND (0.27)	ND (0.2)	ND (0.19)	ND (0.19)	ND (0.18)
1,1,2,2-Tetrachloroethane	µg/m³	0.033	NE	ND (0.25)	ND (0.24)	ND (0.24)	ND (0.23)
1,1,2-Trichloroethane	µg/m³	0.12	NE	ND (0.2)	ND (0.19)	ND (0.19)	ND (0.18)
1,1-Dichloroethane	µg/m³	1.2	NE	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.13)
1,1-Dichloroethene	µg/m³	210	NE	ND (0.072)	ND (0.07)	ND (0.069)	ND (0.066)
1,2,4-Trichlorobenzene	µg/m³	3.7	NE	ND (1.4) J	ND (1.3) J	ND (1.3) J	ND (1.2) J
1,2,4-Trimethylbenzene	µg/m³	6.2	NE	0.84	0.17 J	0.37	0.3
1,2-Dibromoethane	µg/m³	0.0034	NE	ND (0.28)	ND (0.27)	ND (0.27)	ND (0.26)
1,2-Dichlorobenzene	µg/m³	210	NE	ND (0.22) J	ND (0.21) J	ND (0.21)	ND (0.2)
1,2-Dichloroethane	µg/m³	0.074	ND (0.40)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.13)
1,2-Dichloropropane	µg/m³	0.099	NE	ND (0.17)	ND (0.16)	ND (0.16)	ND (0.15)
1,3,5-Trimethylbenzene	µg/m³	6.2	NE	0.27	ND (0.17)	ND (0.17)	ND (0.16)
1,3-Dichlorobenzene	µg/m³	110	NE	ND (0.22) J	ND (0.21) J	ND (0.21)	ND (0.2)
1,4-Dichlorobenzene	µg/m³	0.31	NE	ND (0.22) J	ND (0.21) J	**0.85**	**6**
1,4-Dioxane (p-dioxane)	µg/m³	0.61	NE	ND (0.66)	ND (0.64)	ND (0.63)	ND (0.6)
Benzene	µg/m³	0.25	**0.96**	**1.3 J**	**0.59 J**	**0.66 J**	**0.65 J**
Bromomethane	µg/m³	5.2	NE	0.42	ND (0.34)	ND (0.34)	0.38
Carbon tetrachloride	µg/m³	0.13	**0.69**	**0.45**	**0.45**	**0.46**	**0.48**
Chlorobenzene	µg/m³	62	NE	ND (0.17)	ND (0.16)	ND (0.16)	ND (0.15)
Chloroethane	µg/m³	2.3	NE	ND (0.24)	ND (0.23)	ND (0.23)	ND (0.22)
Chloroform	µg/m³	0.083	ND (0.10)	**0.19**	ND (0.17)	ND (0.17)	ND (0.16)
Chloromethane	µg/m³	95	NE	1.2	1.1	0.95	0.8
cis-1,2-Dichloroethene	µg/m³	37	NE	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)
cis-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.15)
Ethylbenzene	µg/m³	1,100	NE	0.9	0.23	0.36	0.31
Freon 11	µg/m³	730	NE	3.2	1.1	1.2	1.2
Freon 12	µg/m³	210	NE	3.1	2.5	2.7	2.7
Freon 113	µg/m³	31,000	NE	0.61	0.58	0.63	0.61
Freon 114	µg/m³	31,000	NE	ND (0.25)	ND (0.25)	ND (0.24)	ND (0.23)
Hexachlorobutadiene	µg/m³	0.086	NE	ND (1.9)	ND (1.9)	ND (1.8) J	ND (1.8) J

TABLE E36
326 Center Street Analytical Results - Air (September 2004)
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				Neighborhood Background Air Results[3]		326 Center St	
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**329BA AM 9/21/2004**	**329BA PM 9/21/2004**	**326AA 9/21/2004**	**326CA 9/21/2004**
Volatile Organic Compounds							
Methyl tert-butyl ether	µg/m³	7.4	ND (1.8)	ND (0.66)	ND (0.64)	ND (0.63)	ND (0.6)
Methylene chloride	µg/m³	4.1	ND (1.74)	ND (1.3)	ND (1.2)	ND (1.2)	ND (1.2)
Styrene	µg/m³	1,100	NE	0.31	ND (0.15)	ND (0.15)	ND (0.14)
Tetrachloroethene	µg/m³	0.32	ND (0.47)	0.27	ND (0.24)	ND (0.24)	ND (0.23)
Toluene	µg/m³	400	ND (3.0)	4.1	1.1	1.6	1.4
trans-1,2-Dichloroethene	µg/m³	73	NE	ND (0.72)	ND (0.7)	ND (0.69)	ND (0.66)
trans-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.15)
Trichloroethene	µg/m³	0.017	ND (0.43)	**0.11**	ND (0.029)	ND (0.028)	ND (0.027)
Vinyl chloride	µg/m³	0.11	ND (0.77)	ND (0.046)	ND (0.045)	ND (0.044)	ND (0.043)
Xylenes, m & p	µg/m³	110	NE	2.9	0.55	1.1	0.84
Xylenes, o	µg/m³	110	NE	0.96	0.19	0.37	0.3

Notes:

Results greater than the screening level are bolded.

[1] Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16d (Ambient and Crawlspace Air Screening Levels) for source of screening levels.

[2] West Oakland background results are from the Oakland-Filbert Street ambient air sampling station monitored by the Bay Area Air Quality Management District, located at 2419 Filbert Street (approximately one mile northeast, or crosswind, of the AMCO site); the result is from December 2002.

[3] Neighborhood background results are from samples collected at 329 Lewis Street (upwind of the AMCO site) in the morning and afternoon of the same day.

ND not detected above the laboratory's reporting limit shown in parentheses
NE not established
J estimated value
µg/m³ micrograms per cubic meter

TABLE E37
326 Center Street Analytical Results - Air (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		326 Center St	
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**322BA AM 5/12/2005**	**322BA PM 5/12/2005**	**326AA 5/12/2005**	**326CA 5/12/2005**
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/m³	2,300	ND (0.27)	0.096 J	0.1 J	0.1 J	0.11 J
1,1,2,2-Tetrachloroethane	µg/m³	0.033	NE	ND (0.24) J	ND (0.22) J	ND (0.22) J	ND (0.21) J
1,1,2-Trichloroethane	µg/m³	0.12	NE	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.17)
1,1-Dichloroethane	µg/m³	1.2	NE	ND (0.14)	ND (0.13)	ND (0.13)	ND (0.12)
1,1-Dichloroethene	µg/m³	210	NE	ND (0.069)	0.052 J	ND (0.063)	ND (0.061)
1,2,4-Trichlorobenzene	µg/m³	3.7	NE	ND (1.3) J	ND (1.2) J	ND (1.2) J	ND (1.2) J
1,2,4-Trimethylbenzene	µg/m³	6.2	NE	0.11 J	0.22	0.27	0.069 J
1,2-Dibromoethane	µg/m³	0.0034	NE	ND (0.27)	ND (0.25)	ND (0.24)	ND (0.24)
1,2-Dichlorobenzene	µg/m³	210	NE	ND (0.21) J	ND (0.2) J	ND (0.19) J	0.13 J
1,2-Dichloroethane	µg/m³	0.074	ND (0.40)	ND (0.14)	ND (0.13)	0.047 J	0.049 J
1,2-Dichloropropane	µg/m³	0.099	NE	ND (0.16)	ND (0.15)	ND (0.15)	ND (0.14)
1,3,5-Trimethylbenzene	µg/m³	6.2	NE	0.042 J	0.094 J	0.11 J	0.048 J
1,3-Dichlorobenzene	µg/m³	110	NE	ND (0.21)	ND (0.2)	0.047 J	0.096 J
1,4-Dichlorobenzene	µg/m³	0.31	NE	0.069 J	ND (0.2) J	0.077 J	0.088 J
1,4-Dioxane (p-dioxane)	µg/m³	0.61	NE	ND (0.63)	ND (0.59)	ND (0.57)	ND (0.56)
Benzene	µg/m³	0.25	**0.96**	**0.43**	**0.52**	**0.42**	**0.51**
Bromomethane	µg/m³	5.2	NE	ND (0.34) J	ND (0.32) J	ND (0.31) J	ND (0.3) J
Carbon tetrachloride	µg/m³	0.13	**0.69**	**0.52**	**0.58**	**0.53**	**0.55**
Chlorobenzene	µg/m³	62	NE	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.14)
Chloroethane	µg/m³	2.3	NE	0.03 J	0.04 J	0.064 J	0.074 J
Chloroform	µg/m³	0.083	ND (0.10)	**0.13 J**	**0.095 J**	**0.1 J**	**0.099 J**
Chloromethane	µg/m³	95	NE	1.1	1.2	1.2	1.2
cis-1,2-Dichloroethene	µg/m³	37	NE	ND (0.14)	ND (0.13)	ND (0.12)	ND (0.12)
cis-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.14)
Ethylbenzene	µg/m³	1,100	NE	0.19	0.22	0.22	0.11 J
Freon 11	µg/m³	730	NE	1.6	1.6	1.6	1.7
Freon 12	µg/m³	210	NE	2.7	2.6	2.6	2.8
Freon 113	µg/m³	31,000	NE	0.64	0.66	0.68	0.7
Freon 114	µg/m³	31,000	NE	0.12 J	0.12 J	ND (0.22)	0.11 J
Hexachlorobutadiene	µg/m³	0.086	NE	ND (1.9) J	ND (1.7) J	ND (1.7) J	**0.68 J**

TABLE E37
326 Center Street Analytical Results - Air (May 2005)
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				Neighborhood Background Air Results[3]		326 Center St	
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**322BA AM 5/12/2005**	**322BA PM 5/12/2005**	**326AA 5/12/2005**	**326CA 5/12/2005**
Volatile Organic Compounds							
Methyl tert-butyl ether	µg/m³	7.4	ND (1.8)	ND (0.63)	ND (0.59)	ND (0.57)	ND (0.56)
Methylene chloride	µg/m³	4.1	ND (1.74)	ND (1.2) J	ND (1.1) J	ND (1.1) J	ND (1.1) J
Naphthalene	µg/m³	0.056	NE	0.043	**0.09**	0.036	---
Styrene	µg/m³	1,100	NE	0.054 J	0.053 J	0.051 J	ND (0.13)
Tetrachloroethene	µg/m³	0.32	ND (0.47)	**0.4**	0.28	0.18 J	0.2 J
Toluene	µg/m³	400	ND (3.0)	1.1	1.3	1.2	1
trans-1,2-Dichloroethene	µg/m³	73	NE	ND (0.69)	ND (0.65)	ND (0.63)	ND (0.61)
trans-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.14)
Trichloroethene	µg/m³	0.017	ND (0.43)	ND (0.06) J	ND (0.042) J	ND (0.03) J	ND (0.042) J
Vinyl chloride	µg/m³	0.11	ND (0.77)	ND (0.045)	ND (0.042)	ND (0.04)	ND (0.04)
Xylenes, m & p	µg/m³	110	NE	0.49	0.63	0.63	0.16 J
Xylenes, o	µg/m³	110	NE	0.14 J	0.24	0.26	0.046 J

Notes:

Results greater than the screening level are bolded.

[1] Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16d (Ambient and Crawlspace Air Screening Levels) for source of screening levels.

[2] West Oakland background results are from the Oakland-Filbert Street ambient air sampling station monitored by the Bay Area Air Quality Management District, located at 2419 Filbert Street (approximately one mile northeast, or crosswind, of the AMCO site); the result is from December 2002.

[3] Neighborhood background results are from samples collected at 322 Lewis Street (upwind of the AMCO site) in the morning and afternoon of the same day.

ND not detected above the laboratory's reporting limit shown in parentheses
NE not established
J estimated value
µg/m³ micrograms per cubic meter

TABLE E38
360 Center Street Analytical Results - Air (September 2004)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		360 Center St
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**329BA AM 9/21/2004**	**329BA PM 9/21/2004**	**360AA 9/21/2004**
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/m³	2,300	ND (0.27)	ND (0.2)	ND (0.19)	ND (0.2)
1,1,2,2-Tetrachloroethane	µg/m³	0.033	NE	ND (0.25)	ND (0.24)	ND (0.26)
1,1,2-Trichloroethane	µg/m³	0.12	NE	ND (0.2)	ND (0.19)	ND (0.2)
1,1-Dichloroethane	µg/m³	1.2	NE	ND (0.15)	ND (0.14)	ND (0.15)
1,1-Dichloroethene	µg/m³	210	NE	ND (0.072)	ND (0.07)	ND (0.074)
1,2,4-Trichlorobenzene	µg/m³	3.7	NE	ND (1.4) J	ND (1.3) J	ND (1.4) J
1,2,4-Trimethylbenzene	µg/m³	6.2	NE	0.84	0.17 J	0.29
1,2-Dibromoethane	µg/m³	0.0034	NE	ND (0.28)	ND (0.27)	ND (0.28)
1,2-Dichlorobenzene	µg/m³	210	NE	ND (0.22) J	ND (0.21) J	ND (0.22) J
1,2-Dichloroethane	µg/m³	0.074	ND (0.40)	ND (0.15)	ND (0.14)	ND (0.15)
1,2-Dichloropropane	µg/m³	0.099	NE	ND (0.17)	ND (0.16)	ND (0.17)
1,3,5-Trimethylbenzene	µg/m³	6.2	NE	0.27	ND (0.17)	ND (0.18)
1,3-Dichlorobenzene	µg/m³	110	NE	ND (0.22) J	ND (0.21) J	ND (0.22) J
1,4-Dichlorobenzene	µg/m³	0.31	NE	ND (0.22) J	ND (0.21) J	0.28 J
1,4-Dioxane (p-dioxane)	µg/m³	0.61	NE	ND (0.66)	ND (0.64)	ND (0.67)
Benzene	µg/m³	0.25	**0.96**	**1.3 J**	**0.59 J**	ND (0.59) J
Bromomethane	µg/m³	5.2	NE	0.42	ND (0.34)	ND (0.36)
Carbon tetrachloride	µg/m³	0.13	**0.69**	**0.45**	**0.45**	**0.53**
Chlorobenzene	µg/m³	62	NE	ND (0.17)	ND (0.16)	ND (0.17)
Chloroethane	µg/m³	2.3	NE	ND (0.24)	ND (0.23)	ND (0.24)
Chloroform	µg/m³	0.083	ND (0.10)	**0.19**	ND (0.17)	ND (0.18)
Chloromethane	µg/m³	95	NE	1.2	1.1	1.1
cis-1,2-Dichloroethene	µg/m³	37	NE	ND (0.14)	ND (0.14)	ND (0.15)
cis-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.16)	ND (0.17)
Ethylbenzene	µg/m³	1,100	NE	0.9	0.23	0.25
Freon 11	µg/m³	730	NE	3.2	1.1	1.1
Freon 12	µg/m³	210	NE	3.1	2.5	2.6
Freon 113	µg/m³	31,000	NE	0.61	0.58	0.6
Freon 114	µg/m³	31,000	NE	ND (0.25)	ND (0.25)	ND (0.26)
Hexachlorobutadiene	µg/m³	0.086	NE	ND (1.9)	ND (1.9)	ND (2)

TABLE E38
360 Center Street Analytical Results - Air (September 2004)
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				Neighborhood Background Air Results[3]		360 Center St
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**329BA AM 9/21/2004**	**329BA PM 9/21/2004**	**360AA 9/21/2004**
Volatile Organic Compounds						
Methyl tert-butyl ether	µg/m³	7.4	ND (1.8)	ND (0.66)	ND (0.64)	ND (0.67)
Methylene chloride	µg/m³	4.1	ND (1.74)	ND (1.3)	ND (1.2)	ND (1.3)
Styrene	µg/m³	1,100	NE	0.31	ND (0.15)	ND (0.16)
Tetrachloroethene	µg/m³	0.32	ND (0.47)	0.27	ND (0.24)	ND (0.25)
Toluene	µg/m³	400	ND (3.0)	4.1	1.1	2.2
trans-1,2-Dichloroethene	µg/m³	73	NE	ND (0.72)	ND (0.7)	ND (0.74)
trans-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.16)	ND (0.17)
Trichloroethene	µg/m³	0.017	ND (0.43)	**0.11**	ND (0.029)	ND (0.03)
Vinyl chloride	µg/m³	0.11	ND (0.77)	ND (0.046)	ND (0.045)	ND (0.048)
Xylenes, m & p	µg/m³	110	NE	2.9	0.55	0.64
Xylenes, o	µg/m³	110	NE	0.96	0.19	0.23

Notes:

Results greater than the screening level are bolded.

[1] Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16d (Ambient and Crawlspace Air Screening Levels) for source of screening levels.

[2] West Oakland background results are from the Oakland-Filbert Street ambient air sampling station monitored by the Bay Area Air Quality Management District, located at 2419 Filbert Street (approximately one mile northeast, or crosswind, of the AMCO site); the result is from December 2002.

[3] Neighborhood background results are from samples collected at 329 Lewis Street (upwind of the AMCO site) in the morning and afternoon of the same day.

ND not detected above the laboratory's reporting limit shown in parentheses
NE not established
J estimated value
µg/m³ micrograms per cubic meter

TABLE E39
360 Center Street Analytical Results - Air (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		360 Center St
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**322BA AM 5/12/2005**	**322BA PM 5/12/2005**	**360AA 5/12/2005**
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/m³	2,300	ND (0.27)	0.096 J	0.1 J	0.12 J
1,1,2,2-Tetrachloroethane	µg/m³	0.033	NE	ND (0.24) J	ND (0.22) J	ND (0.21)
1,1,2-Trichloroethane	µg/m³	0.12	NE	ND (0.19)	ND (0.18)	ND (0.16)
1,1-Dichloroethane	µg/m³	1.2	NE	ND (0.14)	ND (0.13)	ND (0.12)
1,1-Dichloroethene	µg/m³	210	NE	ND (0.069)	0.052 J	ND (0.06)
1,2,4-Trichlorobenzene	µg/m³	3.7	NE	ND (1.3) J	ND (1.2) J	ND (1.1) J
1,2,4-Trimethylbenzene	µg/m³	6.2	NE	0.11 J	0.22	0.2
1,2-Dibromoethane	µg/m³	0.0034	NE	ND (0.27)	ND (0.25)	ND (0.23)
1,2-Dichlorobenzene	µg/m³	210	NE	ND (0.21) J	ND (0.2) J	ND (0.18) J
1,2-Dichloroethane	µg/m³	0.074	ND (0.40)	ND (0.14)	ND (0.13)	ND (0.12)
1,2-Dichloropropane	µg/m³	0.099	NE	ND (0.16)	ND (0.15)	ND (0.14)
1,3,5-Trimethylbenzene	µg/m³	6.2	NE	0.042 J	0.094 J	0.079 J
1,3-Dichlorobenzene	µg/m³	110	NE	ND (0.21)	ND (0.2)	ND (0.18)
1,4-Dichlorobenzene	µg/m³	0.31	NE	0.069 J	ND (0.2) J	0.2 J
1,4-Dioxane (p-dioxane)	µg/m³	0.61	NE	ND (0.63)	ND (0.59)	ND (0.55)
Benzene	µg/m³	0.25	**0.96**	**0.43**	**0.52**	**1.2**
Bromomethane	µg/m³	5.2	NE	ND (0.34) J	ND (0.32) J	ND (0.3) J
Carbon tetrachloride	µg/m³	0.13	**0.69**	**0.52**	**0.58**	**0.83**
Chlorobenzene	µg/m³	62	NE	ND (0.16)	ND (0.15)	ND (0.14)
Chloroethane	µg/m³	2.3	NE	0.03 J	0.04 J	0.075 J
Chloroform	µg/m³	0.083	ND (0.10)	**0.13 J**	**0.095 J**	**0.093 J**
Chloromethane	µg/m³	95	NE	1.1	1.2	1.2
cis-1,2-Dichloroethene	µg/m³	37	NE	ND (0.14)	ND (0.13)	ND (0.12)
cis-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.15)	ND (0.14)
Ethylbenzene	µg/m³	1,100	NE	0.19	0.22	0.27
Freon 11	µg/m³	730	NE	1.6	1.6	1.7
Freon 12	µg/m³	210	NE	2.7	2.6	2.6
Freon 113	µg/m³	31,000	NE	0.64	0.66	0.63
Freon 114	µg/m³	31,000	NE	0.12 J	0.12 J	0.12 J
Hexachlorobutadiene	µg/m³	0.086	NE	ND (1.9) J	ND (1.7) J	ND (1.6) J

TABLE E39
360 Center Street Analytical Results - Air (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		360 Center St
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**322BA AM 5/12/2005**	**322BA PM 5/12/2005**	**360AA 5/12/2005**
Volatile Organic Compounds						
Methyl tert-butyl ether	µg/m³	7.4	ND (1.8)	ND (0.63)	ND (0.59)	ND (0.55)
Methylene chloride	µg/m³	4.1	ND (1.74)	ND (1.2) J	ND (1.1) J	ND (1.1) J
Naphthalene	µg/m³	0.056	NE	0.043	**0.09**	0.041
Styrene	µg/m³	1,100	NE	0.054 J	0.053 J	0.072 J
Tetrachloroethene	µg/m³	0.32	ND (0.47)	**0.4**	0.28	0.2 J
Toluene	µg/m³	400	ND (3.0)	1.1	1.3	2.7
trans-1,2-Dichloroethene	µg/m³	73	NE	ND (0.69)	ND (0.65)	ND (0.6)
trans-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.15)	ND (0.14)
Trichloroethene	µg/m³	0.017	ND (0.43)	ND (0.06) J	ND (0.042) J	ND (0.032) J
Vinyl chloride	µg/m³	0.11	ND (0.77)	ND (0.045)	ND (0.042)	ND (0.039)
Xylenes, m & p	µg/m³	110	NE	0.49	0.63	0.69
Xylenes, o	µg/m³	110	NE	0.14 J	0.24	0.21

Notes:

Results greater than the screening level are bolded.

[1] Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16d (Ambient and Crawlspace Air Screening Levels) for source of screening levels.

[2] West Oakland background results are from the Oakland-Filbert Street ambient air sampling station monitored by the Bay Area Air Quality Management District, located at 2419 Filbert Street (approximately one mile northeast, or crosswind, of the AMCO site); the result is from December 2002.

[3] Neighborhood background results are from samples collected at 322 Lewis Street (upwind of the AMCO site) in the morning and afternoon of the same day.

ND not detected above the laboratory's reporting limit shown in parentheses
NE not established
J estimated value
µg/m³ micrograms per cubic meter

TABLE E40
Prescott Park Analytical Results - Air (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		Prescott Park
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**322BA AM 5/12/2005**	**322BA PM 5/12/2005**	**PP-AA 5/12/2005**
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/m³	2,300	ND (0.27)	0.096 J	0.1 J	0.11 J
1,1,2,2-Tetrachloroethane	µg/m³	0.033	NE	ND (0.24) J	ND (0.22) J	ND (0.22)
1,1,2-Trichloroethane	µg/m³	0.12	NE	ND (0.19)	ND (0.18)	ND (0.17)
1,1-Dichloroethane	µg/m³	1.2	NE	ND (0.14)	ND (0.13)	ND (0.13)
1,1-Dichloroethene	µg/m³	210	NE	ND (0.069)	0.052 J	ND (0.063)
1,2,4-Trichlorobenzene	µg/m³	3.7	NE	ND (1.3) J	ND (1.2) J	ND (1.2) J
1,2,4-Trimethylbenzene	µg/m³	6.2	NE	0.11 J	0.22	0.13 J
1,2-Dibromoethane	µg/m³	0.0034	NE	ND (0.27)	ND (0.25)	ND (0.24)
1,2-Dichlorobenzene	µg/m³	210	NE	ND (0.21) J	ND (0.2) J	ND (0.19) J
1,2-Dichloroethane	µg/m³	0.074	ND (0.40)	ND (0.14)	ND (0.13)	ND (0.13)
1,2-Dichloropropane	µg/m³	0.099	NE	ND (0.16)	ND (0.15)	ND (0.15)
1,3,5-Trimethylbenzene	µg/m³	6.2	NE	0.042 J	0.094 J	0.05 J
1,3-Dichlorobenzene	µg/m³	110	NE	ND (0.21)	ND (0.2)	ND (0.19) J
1,4-Dichlorobenzene	µg/m³	0.31	NE	0.069 J	ND (0.2) J	ND (0.19) J
1,4-Dioxane (p-dioxane)	µg/m³	0.61	NE	ND (0.63)	ND (0.59)	**0.96**
Benzene	µg/m³	0.25	**0.96**	**0.43**	**0.52**	**0.46**
Bromomethane	µg/m³	5.2	NE	ND (0.34) J	ND (0.32) J	ND (0.31) J
Carbon tetrachloride	µg/m³	0.13	**0.69**	**0.52**	**0.58**	**0.55 J**
Chlorobenzene	µg/m³	62	NE	ND (0.16)	ND (0.15)	ND (0.14)
Chloroethane	µg/m³	2.3	NE	0.03 J	0.04 J	0.034 J
Chloroform	µg/m³	0.083	ND (0.10)	**0.13 J**	**0.095 J**	**0.093 J**
Chloromethane	µg/m³	95	NE	1.1	1.2	1.2
cis-1,2-Dichloroethene	µg/m³	37	NE	ND (0.14)	ND (0.13)	ND (0.12)
cis-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.15)	ND (0.14)
Ethylbenzene	µg/m³	1,100	NE	0.19	0.22	0.2
Freon 11	µg/m³	730	NE	1.6	1.6	1.7
Freon 12	µg/m³	210	NE	2.7	2.6	2.9
Freon 113	µg/m³	31,000	NE	0.64	0.66	0.7
Freon 114	µg/m³	31,000	NE	0.12 J	0.12 J	ND (0.22)
Hexachlorobutadiene	µg/m³	0.086	NE	ND (1.9) J	ND (1.7) J	ND (1.7)

TABLE E40
Prescott Park Analytical Results - Air (May 2005)
Remedial Investigation Report
AMCO Chemical Superfund Site, Oakland, California

				Neighborhood Background Air Results[3]		Prescott Park
Analyte	**Units**	**Screening Level** [1]	**West Oakland Background Air Results** [2]	**322BA AM 5/12/2005**	**322BA PM 5/12/2005**	**PP-AA 5/12/2005**
Volatile Organic Compounds						
Methyl tert-butyl ether	µg/m³	7.4	ND (1.8)	ND (0.63)	ND (0.59)	ND (0.57)
Methylene chloride	µg/m³	4.1	ND (1.74)	ND (1.2) J	ND (1.1) J	ND (1.1) J
Naphthalene	µg/m³	0.056	NE	0.043	**0.09**	---
Styrene	µg/m³	1,100	NE	0.054 J	0.053 J	0.048 J
Tetrachloroethene	µg/m³	0.32	ND (0.47)	**0.4**	0.28	0.14 J
Toluene	µg/m³	400	ND (3.0)	1.1	1.3	1.1
trans-1,2-Dichloroethene	µg/m³	73	NE	ND (0.69)	ND (0.65)	ND (0.63)
trans-1,3-Dichloropropene	µg/m³	0.48	NE	ND (0.16)	ND (0.15)	ND (0.14)
Trichloroethene	µg/m³	0.017	ND (0.43)	ND (0.06) J	ND (0.042) J	ND (0.03) J
Vinyl chloride	µg/m³	0.11	ND (0.77)	ND (0.045)	ND (0.042)	ND (0.04)
Xylenes, m & p	µg/m³	110	NE	0.49	0.63	0.51
Xylenes, o	µg/m³	110	NE	0.14 J	0.24	0.16

Notes:

Results greater than the screening level are bolded.

[1] Screening levels are specific concentrations of chemicals that are considered health protective for human populations (including sensitive populations). See Table 16d (Ambient and Crawlspace Air Screening Levels) for source of screening levels.

[2] West Oakland background results are from the Oakland-Filbert Street ambient air sampling station monitored by the Bay Area Air Quality Management District, located at 2419 Filbert Street (approximately one mile northeast, or crosswind, of the AMCO site); the result is from December 2002.

[3] Neighborhood background results are from samples collected at 322 Lewis Street (upwind of the AMCO site) in the morning and afternoon of the same day.

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