Appendix F
Table F1: ARC-EPA Split Sample Comparison

Location Name	Sample Name	Analyte	ARC Primary Sample	EPA Split Sample	Units	RPD	Drinking Water MCL
Metals:							
PA-GW23	PAGW23	Silver	0.093	4	UG/L	191	100
PA-GW20	PAGW20	Aluminum	< 0.039	< 0.2	MG/L	NA	200
PA-GW23	PAGW23	Aluminum	16	26.1	MG/L	48	200
PA-GW25	PAGW25	Aluminum	< 0.039	20.4	MG/L	NA	200
PA-GW18	PAGW18	Aluminum	1.4	1.75	MG/L	22	200
PA-GW20	PAGW20	Arsenic	1.6	< 10	UG/L	NA	10
PA-GW23	PAGW23	Arsenic	4.2	< 3	UG/L	NA	10
PA-GW25	PAGW25	Arsenic	1.6	< 10	UG/L	NA	10
PA-GW18	PAGW18	Arsenic	7.7	8.9	UG/L	14	10
PA-GW20	PAGW20	Barium	110	< 52.6	UG/L	NA	2000
PA-GW23	PAGW23	Barium	75	< 46.6	UG/L	NA	2000
PA-GW25	PAGW25	Barium	61	242	UG/L	119	2000
PA-GW18	PAGW18	Barium	27	26.6	UG/L	1	2000
PA-GW20	PAGW20	Beryllium	< 0.037	< 5	UG/L	NA	4
PA-GW23	PAGW23	Beryllium	24	30.5	UG/L	24	4
PA-GW25	PAGW25	Beryllium	< 0.037	< 5	UG/L	NA	4
PA-GW18	PAGW18	Beryllium	5.4	5.8	UG/L	7	4
PA-GW20	PAGW20	Calcium	530	555	MG/L	5	NA
PA-GW23	PAGW23	Calcium	490	385	MG/L	24	NA
PA-GW25	PAGW25	Calcium	430	303	MG/L	35	NA
PA-GW18	PAGW18	Calcium	540	512	MG/L	5	NA
PA-GW20	PAGW20	Cadmium	0.61	< 5	UG/L	NA	5
PA-GW23	PAGW23	Cadmium	18	91	UG/L	134	5
PA-GW25	PAGW25	Cadmium	< 0.018	< 1.9	UG/L	NA	5
PA-GW18	PAGW18	Cadmium	0.74	6	UG/L	156	5
PA-GW20	PAGW20	Cobalt	41	< 8.3	UG/L	NA	NA
PA-GW23	PAGW23	Cobalt	1400	1160	UG/L	19	NA
PA-GW25	PAGW25	Cobalt	8.9	< 16.9	UG/L	NA	NA
PA-GW18	PAGW18	Cobalt	150	154	UG/L	3	NA
PA-GW20	PAGW20	Chromium	2.7	2.2	UG/L	20	100
PA-GW23	PAGW23	Chromium	18	< 10	UG/L	NA	100
PA-GW25	PAGW25	Chromium	4.1	58	UG/L	174	100
PA-GW18	PAGW18	Chromium	0.98	4.4	UG/L	127	100
PA-GW18	PAGW18	Copper	23	16.4	UG/L	34	1300
PA-GW20	PAGW20	Iron	4	1.44	MG/L	94	NA
PA-GW23	PAGW23	Iron	1400	1110	MG/L	23	NA
PA-GW25	PAGW25	Iron	0.14	26.4	MG/L	198	NA
PA-GW18	PAGW18	Iron	70	66.1	MG/L	6	NA
PA-GW20	PAGW20	Mercury	< 0.025	< 0.2	UG/L	NA	2
PA-GW25	PAGW25	Mercury	< 0.025	< 0.2	UG/L	NA	2
PA-GW18	PAGW18	Mercury	< 0.025	< 0.2	UG/L	NA	2
PA-GW20	PAGW20	Potassium	20	16	MG/L	22	NA
PA-GW23	PAGW23	Potassium	33	28	MG/L	16	NA
PA-GW25	PAGW25	Potassium	17	18.9	MG/L	11	NA
PA-GW18	PAGW18	Potassium	12	10.8	MG/L	11	NA
PA-GW20	PAGW20	Magnesium	800	754	MG/L	6	NA
PA-GW23	PAGW23	Magnesium	350	295	MG/L	17	NA
PA-GW25	PAGW25	Magnesium	100	78.2	MG/L	24	NA

Location Name	Sample Name	Analyte	ARC Primary Sample	EPA Split Sample	Units	RPD	Drinking Water MCL
PA-GW18	PAGW18	Magnesium	320	330	MG/L	3	NA
PA-GW20	PAGW20	Manganese	3900	973	UG/L	120	NA
PA-GW23	PAGW23	Manganese	54000	50000	UG/L	8	NA
PA-GW25	PAGW25	Manganese	1600	2200	UG/L	32	NA
PA-GW18	PAGW18	Manganese	6800	6580	UG/L	3	NA
PA-GW20	PAGW20	Sodium	290	286	MG/L	1	NA
PA-GW23	PAGW23	Sodium	250	221	MG/L	12	NA
PA-GW25	PAGW25	Sodium	530	362	MG/L	38	NA
PA-GW18	PAGW18	Sodium	250	312	MG/L	22	NA
PA-GW20	PAGW20	Nickel	66	30.2	UG/L	74	100
PA-GW23	PAGW23	Nickel	1100	893	UG/L	21	100
PA-GW25	PAGW25	Nickel	36	53.1	UG/L	38	100
PA-GW18	PAGW18	Nickel	50	35.2	UG/L	35	100
PA-GW18	PAGW18	Lead	0.025	< 10	UG/L	NA	150
PA-GW20	PAGW20	Radium-226	< 0.2	69	PCI/L	NA	5
PA-GW25	PAGW25	Radium-226	< 0.2	77	PCI/L	NA	5
PA-GW18	PAGW18	Radium-226	0.5	< 30.4	PCI/L	NA	5
PA-GW9	PAGW09	Radium-226	< 0.2	< 63.8	PCI/L	NA	5
PA-GW20	PAGW20	Radium-228	< 1	< 27.7	PCI/L	NA	5
PA-GW25	PAGW25	Radium-228	< 1	< 36	PCI/L	NA	5
PA-GW18	PAGW18	Radium-228	< 1	< 11.6	PCI/L	NA	5
PA-GW9	PAGW09	Radium-228	< 1	< 14.4	PCI/L	NA	5
PA-GW20	PAGW20	Antimony	0.63	< 60	UG/L	NA	6
PA-GW23	PAGW23	Antimony	< 0.84	15	UG/L	NA	6
PA-GW25	PAGW25	Antimony	0.66	< 60	UG/L	NA	6
PA-GW18	PAGW18	Antimony	< 0.087	< 60	UG/L	NA	6
PA-GW25	PAGW25	Selenium	26	39	UG/L	40	50
PA-GW18	PAGW18	Selenium	2.3	< 35	UG/L	NA	50
PA-GW20	PAGW20	Thallium	0.029	< 25	UG/L	NA	2
PA-GW23	PAGW23	Thallium	0.1	27.6	UG/L	199	2
PA-GW25	PAGW25	Thallium	0.025	< 25	UG/L	NA	2
PA-GW18	PAGW18	Thallium	0.087	< 25	UG/L	NA	2
PA-GW20	PAGW20	Thorium-232	< 0.001	< 0.00036	MG/L	NA	NA
PA-GW25	PAGW25	Thorium-232	< 0.001	0.02477	MG/L	NA	NA
PA-GW18	PAGW18	Thorium-232	< 0.001	< 0.001	MG/L	NA	NA
PA-GW9	PAGW09	Thorium-232	< 0.001	< 0.00025	MG/L	NA	NA
PA-GW9	PA-GW9	Uranium	22.8	28.8	UG/L	19.5	30
PA-GW18	PA-GW18	Uranium	810	866	UG/L	6.8	30
PA-GW20	PA-GW20	Uranium	282	291	UG/L	3.1	30
PA-GW25	PA-GW25	Uranium	68.6	100	UG/L	37.2	30
PA-GW18	PAGW18	Vanadium	0.4	< 50	UG/L	NA	NA
PA-GW20	PAGW20	Zinc	65	41	UG/L	45	5000
PA-GW23	PAGW23	Zinc	3700	3420	UG/L	8	5000
PA-GW25	PAGW25	Zinc	17	140	UG/L	157	5000
PA-GW18	PAGW18	Zinc	59	41.2	UG/L	36	5000

VOCs:							
PA-GW20	PAGW20	Bromodichloromethane	< 0.15	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Bromodichloromethane	< 0.74	< 10	UG/L	NA	NA
PA-GW25	PAGW25	Bromodichloromethane	< 0.15	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Bromodichloromethane	< 0.15	< 10	UG/L	NA	NA

Location Name	Sample Name	Analyte	ARC Primary Sample	EPA Split Sample	Units	RPD	Drinking Water MCL
PA-GW20	PAGW20	Bromomethane	< 0.2	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Bromomethane	< 1	< 10	UG/L	NA	NA
PA-GW25	PAGW25	Bromomethane	< 0.2	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Bromomethane	< 0.2	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Benzene	< 0.064	< 10	UG/L	NA	5
PA-GW23	PAGW23	Benzene	< 0.32	< 10	UG/L	NA	5
PA-GW25	PAGW25	Benzene	< 0.064	< 10	UG/L	NA	5
PA-GW18	PAGW18	Benzene	< 0.064	< 10	UG/L	NA	5
PA-GW20	PAGW20	Chlorobenzene	< 0.065	< 10	UG/L	NA	100
PA-GW23	PAGW23	Chlorobenzene	< 0.32	< 10	UG/L	NA	100
PA-GW25	PAGW25	Chlorobenzene	< 0.065	< 10	UG/L	NA	100
PA-GW18	PAGW18	Chlorobenzene	< 0.065	< 10	UG/L	NA	100
PA-GW20	PAGW20	Chloroethane	< 0.22	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Chloroethane	< 1.1	< 10	UG/L	NA	NA
PA-GW25	PAGW25	Chloroethane	< 0.22	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Chloroethane	< 0.22	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Chloromethane	< 0.26	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Chloromethane	< 1.3	< 10	UG/L	NA	NA
PA-GW25	PAGW25	Chloromethane	< 0.26	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Chloromethane	< 0.26	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Carbon Tetrachloride	< 0.069	< 10	UG/L	NA	5
PA-GW23	PAGW23	Carbon Tetrachloride	< 0.34	< 10	UG/L	NA	5
PA-GW25	PAGW25	Carbon Tetrachloride	< 0.069	< 10	UG/L	NA	5
PA-GW18	PAGW18	Carbon Tetrachloride	< 0.069	< 10	UG/L	NA	5
PA-GW20	PAGW20	Dibromochloromethane	< 0.089	< 10	UG/L	NA	5
PA-GW23	PAGW23	Dibromochloromethane	< 0.44	< 10	UG/L	NA	5
PA-GW25	PAGW25	Dibromochloromethane	< 0.089	< 10	UG/L	NA	5
PA-GW18	PAGW18	Dibromochloromethane	< 0.089	< 10	UG/L	NA	5
PA-GW20	PAGW20	1,1-Dichloroethane	< 0.21	< 10	UG/L	NA	NA
PA-GW23	PAGW23	1,1-Dichloroethane	< 1	< 10	UG/L	NA	NA
PA-GW25	PAGW25	1,1-Dichloroethane	< 0.21	< 10	UG/L	NA	NA
PA-GW18	PAGW18	1,1-Dichloroethane	< 0.21	< 10	UG/L	NA	NA
PA-GW20	PAGW20	1,2-Dichloroethane	< 0.093	< 10	UG/L	NA	5
PA-GW23	PAGW23	1,2-Dichloroethane	< 0.46	< 10	UG/L	NA	5
PA-GW25	PAGW25	1,2-Dichloroethane	< 0.093	< 10	UG/L	NA	5
PA-GW18	PAGW18	1,2-Dichloroethane	< 0.093	< 10	UG/L	NA	5
PA-GW20	PAGW20	1,2-Dichlorobenzene	< 5	< 10	UG/L	NA	NA
PA-GW20	PAGW20	1,2-Dichlorobenzene	< 0.076	< 10	UG/L	NA	NA
PA-GW23	PAGW23	1,2-Dichlorobenzene	< 0.38	< 10	UG/L	NA	NA
PA-GW23	PAGW23	1,2-Dichlorobenzene	< 5.1	< 10	UG/L	NA	NA
PA-GW25	PAGW25	1,2-Dichlorobenzene	< 5.3	< 10	UG/L	NA	NA
PA-GW25	PAGW25	1,2-Dichlorobenzene	< 0.076	< 10	UG/L	NA	NA
PA-GW18	PAGW18	1,2-Dichlorobenzene	< 5.1	< 10	UG/L	NA	NA
PA-GW18	PAGW18	1,2-Dichlorobenzene	< 0.076	< 10	UG/L	NA	NA
PA-GW20	PAGW20	1,3-Dichlorobenzene	< 0.082	< 10	UG/L	NA	NA
PA-GW20	PAGW20	1,3-Dichlorobenzene	< 5.3	< 10	UG/L	NA	NA
PA-GW23	PAGW23	1,3-Dichlorobenzene	< 5.4	< 10	UG/L	NA	NA
PA-GW23	PAGW23	1,3-Dichlorobenzene	< 0.41	< 10	UG/L	NA	NA
PA-GW25	PAGW25	1,3-Dichlorobenzene	< 0.082	< 10	UG/L	NA	NA
PA-GW25	PAGW25	1,3-Dichlorobenzene	< 5.6	< 10	UG/L	NA	NA
PA-GW18	PAGW18	1,3-Dichlorobenzene	< 0.082	< 10	UG/L	NA	NA
PA-GW18	PAGW18	1,3-Dichlorobenzene	< 5.4	< 10	UG/L	NA	NA
PA-GW20	PAGW20	1,4-Dichlorobenzene	< 5.1	< 10	UG/L	NA	NA
PA-GW20	PAGW20	1,4-Dichlorobenzene	< 0.098	< 10	UG/L	NA	NA
PA-GW23	PAGW23	1,4-Dichlorobenzene	< 5.2	< 10	UG/L	NA	NA

Location Name	Sample Name	Analyte	ARC Primary Sample	EPA Split Sample	Units	RPD	Drinking Water MCL
PA-GW23	PAGW23	1,4-Dichlorobenzene	< 0.49	< 10	UG/L	NA	NA
PA-GW25	PAGW25	1,4-Dichlorobenzene	< 0.098	< 10	UG/L	NA	NA
PA-GW25	PAGW25	1,4-Dichlorobenzene	< 5.4	< 10	UG/L	NA	NA
PA-GW18	PAGW18	1,4-Dichlorobenzene	< 0.098	< 10	UG/L	NA	NA
PA-GW18	PAGW18	1,4-Dichlorobenzene	< 5.1	< 10	UG/L	NA	NA
PA-GW20	PAGW20	1,1-Dichloroethene	< 0.13	< 10	UG/L	NA	7
PA-GW23	PAGW23	1,1-Dichloroethene	< 0.65	< 10	UG/L	NA	7
PA-GW25	PAGW25	1,1-Dichloroethene	< 0.13	< 10	UG/L	NA	7
PA-GW18	PAGW18	1,1-Dichloroethene	< 0.13	< 10	UG/L	NA	7
PA-GW20	PAGW20	1,2-Dichloropropane	< 0.06	< 10	UG/L	NA	5
PA-GW23	PAGW23	1,2-Dichloropropane	< 0.3	< 10	UG/L	NA	5
PA-GW25	PAGW25	1,2-Dichloropropane	< 0.06	< 10	UG/L	NA	5
PA-GW18	PAGW18	1,2-Dichloropropane	< 0.06	< 10	UG/L	NA	5
PA-GW20	PAGW20	Ethylbenzene	< 0.087	< 10	UG/L	NA	700
PA-GW23	PAGW23	Ethylbenzene	< 0.44	< 10	UG/L	NA	700
PA-GW25	PAGW25	Ethylbenzene	< 0.087	< 10	UG/L	NA	700
PA-GW18	PAGW18	Ethylbenzene	< 0.087	< 10	UG/L	NA	700
PA-GW20	PAGW20	Hexachlorobutadiene	< 0.21	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Hexachlorobutadiene	< 5.6	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Hexachlorobutadiene	< 0.21	< 4000	UG/L	NA	NA
PA-GW20	PAGW20DL	Hexachlorobutadiene	< 5.6	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Hexachlorobutadiene	< 1.1	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Hexachlorobutadiene	< 5.7	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Hexachlorobutadiene	< 1.1	< 4000	UG/L	NA	NA
PA-GW23	PAGW23DL	Hexachlorobutadiene	< 5.7	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Hexachlorobutadiene	< 5.7	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Hexachlorobutadiene	< 0.21	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Isopropylbenzene (Cumene)	< 0.064	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Isopropylbenzene (Cumene)	< 0.32	< 10	UG/L	NA	NA
PA-GW25	PAGW25	Isopropylbenzene (Cumene)	< 0.064	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Isopropylbenzene (Cumene)	< 0.064	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Methylene Chloride	< 0.08	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Methylene Chloride	< 1.5	< 10	UG/L	NA	NA
PA-GW25	PAGW25	Methylene Chloride	< 0.16	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Methylene Chloride	< 0.056	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Naphthalene	< 0.08	< 4000	UG/L	NA	NA
PA-GW20	PAGW20DL	Naphthalene	< 3.4	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Naphthalene	< 0.08	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Naphthalene	< 3.4	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Naphthalene	< 0.4	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Naphthalene	< 3.4	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Naphthalene	< 0.4	< 4000	UG/L	NA	NA
PA-GW23	PAGW23DL	Naphthalene	< 3.4	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Naphthalene	< 3.4	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Naphthalene	< 0.08	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Tetrachloroethylene(PCE)	< 0.12	< 10	UG/L	NA	5
PA-GW23	PAGW23	Tetrachloroethylene(PCE)	< 0.6	< 10	UG/L	NA	5
PA-GW25	PAGW25	Tetrachloroethylene(PCE)	0.13	< 10	UG/L	NA	5
PA-GW18	PAGW18	Tetrachloroethylene(PCE)	0.21	< 10	UG/L	NA	5
PA-GW20	PAGW20	Styrene	< 0.11	< 10	UG/L	NA	100
PA-GW23	PAGW23	Styrene	< 0.54	< 10	UG/L	NA	100
PA-GW25	PAGW25	Styrene	< 0.11	< 10	UG/L	NA	100
PA-GW18	PAGW18	Styrene	< 0.11	< 10	UG/L	NA	100
PA-GW20	PAGW20	1,1,1-Trichloroethane	< 0.092	< 10	UG/L	NA	200
PA-GW23	PAGW23	1,1,1-Trichloroethane	< 0.46	< 10	UG/L	NA	200
PA-GW25	PAGW25	1,1,1-Trichloroethane	< 0.092	< 10	UG/L	NA	200

Location Name	Sample Name	Analyte	ARC Primary Sample	EPA Split Sample	Units	RPD	Drinking Water MCL
PA-GW18	PAGW18	1,1,1-Trichloroethane	< 0.092	< 10	UG/L	NA	200
PA-GW20	PAGW20	1,1,2-Trichloroethane	< 0.054	< 10	UG/L	NA	5
PA-GW23	PAGW23	1,1,2-Trichloroethane	< 0.27	< 10	UG/L	NA	5
PA-GW25	PAGW25	1,1,2-Trichloroethane	< 0.054	< 10	UG/L	NA	5
PA-GW18	PAGW18	1,1,2-Trichloroethane	< 0.054	< 10	UG/L	NA	5
PA-GW20	PAGW20	1,2,4-Trichlorobenzene	< 5.2	< 10	UG/L	NA	70
PA-GW20	PAGW20	1,2,4-Trichlorobenzene	< 0.23	< 10	UG/L	NA	70
PA-GW23	PAGW23	1,2,4-Trichlorobenzene	< 1.1	< 10	UG/L	NA	70
PA-GW23	PAGW23	1,2,4-Trichlorobenzene	< 5.2	< 10	UG/L	NA	70
PA-GW25	PAGW25	1,2,4-Trichlorobenzene	< 5.4	< 10	UG/L	NA	70
PA-GW25	PAGW25	1,2,4-Trichlorobenzene	< 0.23	< 10	UG/L	NA	70
PA-GW18	PAGW18	1,2,4-Trichlorobenzene	< 0.23	< 10	UG/L	NA	70
PA-GW18	PAGW18	1,2,4-Trichlorobenzene	< 5.2	< 10	UG/L	NA	70
PA-GW20	PAGW20	Trichloroethene (TCE)	< 0.12	< 10	UG/L	NA	5
PA-GW23	PAGW23	Trichloroethene (TCE)	0.85	< 10	UG/L	NA	5
PA-GW25	PAGW25	Trichloroethene (TCE)	1.5	< 10	UG/L	NA	5
PA-GW18	PAGW18	Trichloroethene (TCE)	< 0.12	0.9	UG/L	NA	5
PA-GW20	PAGW20	Trichlorofluoromethane	< 0.12	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Trichlorofluoromethane	< 0.58	< 10	UG/L	NA	NA
PA-GW25	PAGW25	Trichlorofluoromethane	< 0.12	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Trichlorofluoromethane	0.19	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Vinyl Chloride	< 0.12	< 10	UG/L	NA	2
PA-GW23	PAGW23	Vinyl Chloride	< 0.58	< 10	UG/L	NA	2
PA-GW25	PAGW25	Vinyl Chloride	< 0.12	< 10	UG/L	NA	2
PA-GW18	PAGW18	Vinyl Chloride	< 0.12	< 10	UG/L	NA	2
PA-GW20	PAGW20	Xylenes, Total	< 0.36	< 10	UG/L	NA	10000
PA-GW23	PAGW23	Xylenes, Total	< 1.8	< 10	UG/L	NA	10000
PA-GW25	PAGW25	Xylenes, Total	< 0.36	< 10	UG/L	NA	10000
PA-GW18	PAGW18	Xylenes, Total	< 0.36	< 10	UG/L	NA	10000

SVOCs:							
PA-GW20	PAGW20	Acenaphthene	< 2.3	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Acenaphthene	< 2.3	< 4000	UG/L	NA	NA
PA-GW23	PAGW23DL	Acenaphthene	< 2.3	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Acenaphthene	< 2.3	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Acenaphthene	< 2.3	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Acenaphthylene	< 2.4	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Acenaphthylene	< 2.4	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Acenaphthylene	< 2.5	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Acenaphthylene	< 2.5	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Acenaphthylene	< 2.4	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Anthracene	< 2.3	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Anthracene	< 2.3	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Anthracene	< 2.3	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Anthracene	< 2.3	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Anthracene	< 2.3	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Benzyl Butyl Phthalate	< 2.3	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Benzyl Butyl Phthalate	< 2.3	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Benzyl Butyl Phthalate	< 2.3	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Benzyl Butyl Phthalate	< 2.3	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Benzyl Butyl Phthalate	< 2.3	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Bis (2-Chloroethyl) Ether	< 1.2	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Bis (2-Chloroethyl) Ether	< 1.2	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Bis (2-Chloroethyl) Ether	< 1.2	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Bis (2-Chloroethyl) Ether	< 1.2	< 4000	UG/L	NA	NA

Location Name	Sample Name	Analyte	ARC Primary Sample	EPA Split Sample	Units	RPD	Drinking Water MCL
PA-GW18	PAGW18	Bis (2-Chloroethyl) Ether	< 1.2	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Bis (2-Ethylhexyl) Phthalate	< 2.4	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Bis (2-Ethylhexyl) Phthalate	< 2.4	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Bis (2-Ethylhexyl) Phthalate	11	3	UG/L	114	NA
PA-GW23	PAGW23DL	Bis (2-Ethylhexyl) Phthalate	11	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Bis (2-Ethylhexyl) Phthalate	< 2.5	< 10	UG/L	NA	NA
PA-GW20	PAGW20	4-Bromophenyl Phenyl Ether	< 1.7	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	4-Bromophenyl Phenyl Ether	< 1.7	< 4000	UG/L	NA	NA
PA-GW23	PAGW23DL	4-Bromophenyl Phenyl Ether	< 1.7	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	4-Bromophenyl Phenyl Ether	< 1.7	< 10	UG/L	NA	NA
PA-GW18	PAGW18	4-Bromophenyl Phenyl Ether	< 1.7	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Benzo(a) Anthracene	< 1.2	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Benzo(a) Anthracene	< 1.2	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Benzo(a) Anthracene	< 1.2	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Benzo(a) Anthracene	< 1.2	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Benzo(a) Anthracene	< 1.2	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Benzo(a) Pyrene	< 2.1	< 10	UG/L	NA	0.2
PA-GW20	PAGW20DL	Benzo(a) Pyrene	< 2.1	< 4000	UG/L	NA	0.2
PA-GW23	PAGW23	Benzo(a) Pyrene	< 2.1	< 10	UG/L	NA	0.2
PA-GW23	PAGW23DL	Benzo(a) Pyrene	< 2.1	< 4000	UG/L	NA	0.2
PA-GW18	PAGW18	Benzo(a) Pyrene	< 2.1	< 10	UG/L	NA	0.2
PA-GW20	PAGW20DL	Benzo(b) Fluoranthene	< 2.1	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Benzo(b) Fluoranthene	< 2.1	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Benzo(b) Fluoranthene	< 2.1	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Benzo(b) Fluoranthene	< 2.1	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Benzo(b) Fluoranthene	< 2.1	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Benzo(g,h,i) Perylene	< 5.9	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Benzo(g,h,i) Perylene	< 5.9	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Benzo(g,h,i) Perylene	< 5.9	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Benzo(g,h,i) Perylene	< 5.9	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Benzo(g,h,i) Perylene	< 5.9	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Benzo(k) Fluoranthene	< 2.6	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Benzo(k) Fluoranthene	< 2.6	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Benzo(k) Fluoranthene	< 2.6	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Benzo(k) Fluoranthene	< 2.6	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Benzo(k) Fluoranthene	< 2.6	< 10	UG/L	NA	NA
PA-GW20	PAGW20	4-Chloro-3-Methylphenol	< 1.7	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	4-Chloro-3-Methylphenol	< 1.7	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	4-Chloro-3-Methylphenol	< 1.7	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	4-Chloro-3-Methylphenol	< 1.7	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	4-Chloro-3-Methylphenol	< 1.7	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Carbazole	< 4.7	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Carbazole	< 4.7	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Carbazole	< 4.8	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Carbazole	< 4.8	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Carbazole	< 4.8	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Chrysene	< 1	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Chrysene	< 1	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Chrysene	< 1.1	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Chrysene	< 1.1	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Chrysene	< 1.1	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	4-Chloroaniline	< 25	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	4-Chloroaniline	< 25	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	4-Chloroaniline	< 25	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	4-Chloroaniline	< 25	< 10	UG/L	NA	NA

Location Name	Sample Name	Analyte	ARC Primary Sample	EPA Split Sample	Units	RPD	Drinking Water MCL
PA-GW18	PAGW18	4-Chloroaniline	< 25	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	2-Chlorophenol	< 1.4	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	2-Chlorophenol	< 1.4	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	2-Chlorophenol	< 1.5	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	2-Chlorophenol	< 1.5	< 10	UG/L	NA	NA
PA-GW18	PAGW18	2-Chlorophenol	< 1.4	< 10	UG/L	NA	NA
PA-GW20	PAGW20	2-Chloronaphthalene	< 2.9	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	2-Chloronaphthalene	< 2.9	< 4000	UG/L	NA	NA
PA-GW23	PAGW23DL	2-Chloronaphthalene	< 3	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	2-Chloronaphthalene	< 3	< 10	UG/L	NA	NA
PA-GW18	PAGW18	2-Chloronaphthalene	< 3	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Dibenz(a,h)Anthracene	< 3.9	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Dibenz(a,h)Anthracene	< 3.9	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Dibenz(a,h)Anthracene	< 4	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Dibenz(a,h)Anthracene	< 4	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Dibenz(a,h)Anthracene	< 4	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Dibenzofuran	< 1.5	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Dibenzofuran	< 1.5	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Dibenzofuran	< 1.6	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Dibenzofuran	< 1.6	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Dibenzofuran	< 1.6	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	3,3'-Dichlorobenzidine	< 25	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	3,3'-Dichlorobenzidine	< 25	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	3,3'-Dichlorobenzidine	< 26	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	3,3'-Dichlorobenzidine	< 26	< 10	UG/L	NA	NA
PA-GW18	PAGW18	3,3'-Dichlorobenzidine	< 26	< 10	UG/L	NA	NA
PA-GW20	PAGW20	2,4-Dichlorophenol	< 1	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	2,4-Dichlorophenol	< 1	< 4000	UG/L	NA	NA
PA-GW23	PAGW23DL	2,4-Dichlorophenol	< 1	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	2,4-Dichlorophenol	< 1	< 10	UG/L	NA	NA
PA-GW18	PAGW18	2,4-Dichlorophenol	< 1	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Diethyl Phthalate	< 1.8	1	UG/L	NA	NA
PA-GW20	PAGW20DL	Diethyl Phthalate	< 1.8	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Diethyl Phthalate	< 1.9	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Diethyl Phthalate	< 1.9	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Diethyl Phthalate	< 1.9	< 10	UG/L	NA	NA
PA-GW20	PAGW20	2,4-Dimethylphenol	< 5.1	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	2,4-Dimethylphenol	< 5.1	< 4000	UG/L	NA	NA
PA-GW23	PAGW23DL	2,4-Dimethylphenol	< 5.2	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	2,4-Dimethylphenol	< 5.2	< 10	UG/L	NA	NA
PA-GW18	PAGW18	2,4-Dimethylphenol	< 5.2	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Dimethyl Phthalate	< 2.2	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Dimethyl Phthalate	< 2.2	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Dimethyl Phthalate	< 2.2	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Dimethyl Phthalate	< 2.2	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Dimethyl Phthalate	< 2.2	< 10	UG/L	NA	NA
PA-GW20	PAGW20	4,6-Dinitro-2-Methylphenol	< 2.5	< 25	UG/L	NA	NA
PA-GW20	PAGW20DL	4,6-Dinitro-2-Methylphenol	< 2.5	< 10000	UG/L	NA	NA
PA-GW23	PAGW23	4,6-Dinitro-2-Methylphenol	< 2.6	< 25	UG/L	NA	NA
PA-GW23	PAGW23DL	4,6-Dinitro-2-Methylphenol	< 2.6	< 10000	UG/L	NA	NA
PA-GW18	PAGW18	4,6-Dinitro-2-Methylphenol	< 2.6	< 25	UG/L	NA	NA
PA-GW20	PAGW20	Di-n-Butyl Phthalate	< 1.8	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Di-n-Butyl Phthalate	< 1.8	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Di-n-Butyl Phthalate	1.9	1	UG/L	62	NA
PA-GW23	PAGW23DL	Di-n-Butyl Phthalate	1.9	< 4000	UG/L	NA	NA

Location Name	Sample Name	Analyte	ARC Primary Sample	EPA Split Sample	Units	RPD	Drinking Water MCL
PA-GW18	PAGW18	Di-n-Butyl Phthalate	< 1.8	0.3	UG/L	NA	NA
PA-GW20	PAGW20DL	Di-n-Octylphthalate	< 2.8	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Di-n-Octylphthalate	< 2.8	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Di-n-Octylphthalate	< 2.8	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Di-n-Octylphthalate	< 2.8	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Di-n-Octylphthalate	< 2.8	< 10	UG/L	NA	NA
PA-GW20	PAGW20	2,4-Dinitrophenol	< 3.9	< 25	UG/L	NA	NA
PA-GW20	PAGW20DL	2,4-Dinitrophenol	< 3.9	< 10000	UG/L	NA	NA
PA-GW23	PAGW23DL	2,4-Dinitrophenol	< 4	< 10000	UG/L	NA	NA
PA-GW23	PAGW23	2,4-Dinitrophenol	< 4	< 25	UG/L	NA	NA
PA-GW18	PAGW18	2,4-Dinitrophenol	< 4	< 25	UG/L	NA	NA
PA-GW20	PAGW20	2,4-Dinitrotoluene	< 0.99	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	2,4-Dinitrotoluene	< 0.99	< 4000	UG/L	NA	NA
PA-GW23	PAGW23DL	2,4-Dinitrotoluene	< 1	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	2,4-Dinitrotoluene	< 1	< 10	UG/L	NA	NA
PA-GW18	PAGW18	2,4-Dinitrotoluene	< 1	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	2,6-Dinitrotoluene	< 1.9	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	2,6-Dinitrotoluene	< 1.9	< 10	UG/L	NA	NA
PA-GW23	PAGW23	2,6-Dinitrotoluene	< 2	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	2,6-Dinitrotoluene	< 2	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	2,6-Dinitrotoluene	< 2	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Fluorene	< 1.8	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Fluorene	< 1.8	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Fluorene	< 1.9	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Fluorene	< 1.9	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Fluorene	< 1.9	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Fluoranthene	< 1.9	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Fluoranthene	< 1.9	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Fluoranthene	< 2	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Fluoranthene	< 2	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Fluoranthene	< 2	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Hexachlorocyclopentadiene	< 4.4	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Hexachlorocyclopentadiene	< 4.4	< 4000	UG/L	NA	NA
PA-GW23	PAGW23DL	Hexachlorocyclopentadiene	< 4.5	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Hexachlorocyclopentadiene	< 4.5	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Hexachlorocyclopentadiene	< 4.4	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Hexachlorobenzene	< 2.8	< 10	UG/L	NA	1
PA-GW20	PAGW20DL	Hexachlorobenzene	< 2.8	< 4000	UG/L	NA	1
PA-GW23	PAGW23DL	Hexachlorobenzene	< 2.8	< 4000	UG/L	NA	1
PA-GW23	PAGW23	Hexachlorobenzene	< 2.8	< 10	UG/L	NA	1
PA-GW18	PAGW18	Hexachlorobenzene	< 2.8	< 10	UG/L	NA	1
PA-GW20	PAGW20DL	Hexachloroethane	< 5.2	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Hexachloroethane	< 5.2	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Hexachloroethane	< 5.2	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Hexachloroethane	< 5.2	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Hexachloroethane	< 5.2	< 10	UG/L	NA	NA
PA-GW20	PAGW20	Indeno(1,2,3-c,d)Pyrene	< 5.1	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Indeno(1,2,3-c,d)Pyrene	< 5.1	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Indeno(1,2,3-c,d)Pyrene	< 5.2	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Indeno(1,2,3-c,d)Pyrene	< 5.2	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Indeno(1,2,3-c,d)Pyrene	< 5.2	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Isophorone	< 1.6	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Isophorone	< 1.6	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Isophorone	< 1.6	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Isophorone	< 1.6	< 4000	UG/L	NA	NA

Location Name	Sample Name	Analyte	ARC Primary Sample	EPA Split Sample	Units	RPD	Drinking Water MCL
PA-GW18	PAGW18	Isophorone	< 1.6	< 10	UG/L	NA	NA
PA-GW20	PAGW20	2-Methylphenol (o-Cresol)	< 1	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	2-Methylphenol (o-Cresol)	< 1	< 4000	UG/L	NA	NA
PA-GW23	PAGW23DL	2-Methylphenol (o-Cresol)	< 1	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	2-Methylphenol (o-Cresol)	< 1	< 10	UG/L	NA	NA
PA-GW18	PAGW18	2-Methylphenol (o-Cresol)	< 1	< 10	UG/L	NA	NA
PA-GW20	PAGW20	4-Methylphenol (p-Cresol)	< 1.8	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	4-Methylphenol (p-Cresol)	< 1.8	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	4-Methylphenol (p-Cresol)	< 1.8	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	4-Methylphenol (p-Cresol)	< 1.8	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	4-Methylphenol (p-Cresol)	< 1.8	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	2-Methylnaphthalene	< 3.3	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	2-Methylnaphthalene	< 3.3	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	2-Methylnaphthalene	< 3.3	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	2-Methylnaphthalene	< 3.3	< 10	UG/L	NA	NA
PA-GW18	PAGW18	2-Methylnaphthalene	< 3.3	< 10	UG/L	NA	NA
PA-GW20	PAGW20	n-Nitrosodiphenylamine	< 6.8	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	n-Nitrosodiphenylamine	< 6.8	< 4000	UG/L	NA	NA
PA-GW23	PAGW23DL	n-Nitrosodiphenylamine	< 6.9	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	n-Nitrosodiphenylamine	< 6.9	< 10	UG/L	NA	NA
PA-GW18	PAGW18	n-Nitrosodiphenylamine	< 6.9	< 10	UG/L	NA	NA
PA-GW20	PAGW20	n-Nitrosodi-n-Propylamine	< 1.6	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	n-Nitrosodi-n-Propylamine	< 1.6	< 4000	UG/L	NA	NA
PA-GW23	PAGW23DL	n-Nitrosodi-n-Propylamine	< 1.6	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	n-Nitrosodi-n-Propylamine	< 1.6	< 10	UG/L	NA	NA
PA-GW18	PAGW18	n-Nitrosodi-n-Propylamine	< 1.6	< 10	UG/L	NA	NA
PA-GW20	PAGW20	2-Nitroaniline	< 1.9	< 25	UG/L	NA	NA
PA-GW20	PAGW20DL	2-Nitroaniline	< 1.9	< 10000	UG/L	NA	NA
PA-GW23	PAGW23	2-Nitroaniline	< 2	< 25	UG/L	NA	NA
PA-GW23	PAGW23DL	2-Nitroaniline	< 2	< 10000	UG/L	NA	NA
PA-GW18	PAGW18	2-Nitroaniline	< 2	< 25	UG/L	NA	NA
PA-GW18	PAGW18	3-Nitroaniline	< 65	< 25	UG/L	NA	NA
PA-GW20	PAGW20DL	4-Nitroaniline	< 2.5	< 10000	UG/L	NA	NA
PA-GW20	PAGW20	4-Nitroaniline	< 2.5	< 25	UG/L	NA	NA
PA-GW23	PAGW23	4-Nitroaniline	< 2.5	< 25	UG/L	NA	NA
PA-GW23	PAGW23DL	4-Nitroaniline	< 2.5	< 10000	UG/L	NA	NA
PA-GW18	PAGW18	4-Nitroaniline	< 2.5	< 25	UG/L	NA	NA
PA-GW20	PAGW20DL	2-Nitrophenol	< 2	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	2-Nitrophenol	< 2	< 10	UG/L	NA	NA
PA-GW23	PAGW23	2-Nitrophenol	< 2	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	2-Nitrophenol	< 2	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	2-Nitrophenol	< 2	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	4-Nitrophenol	< 3	< 10000	UG/L	NA	NA
PA-GW20	PAGW20	4-Nitrophenol	< 3	< 25	UG/L	NA	NA
PA-GW23	PAGW23	4-Nitrophenol	< 3	< 25	UG/L	NA	NA
PA-GW23	PAGW23DL	4-Nitrophenol	< 3	< 10000	UG/L	NA	NA
PA-GW18	PAGW18	4-Nitrophenol	< 3	< 25	UG/L	NA	NA
PA-GW20	PAGW20	Phenanthrene	< 2.3	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Phenanthrene	< 2.3	< 4000	UG/L	NA	NA
PA-GW23	PAGW23DL	Phenanthrene	< 2.4	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Phenanthrene	< 2.4	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Phenanthrene	< 2.4	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Phenol	< 1.9	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Phenol	< 1.9	< 10	UG/L	NA	NA

Location Name	Sample Name	Analyte	ARC Primary Sample	EPA Split Sample	Units	RPD	Drinking Water MCL
PA-GW23	PAGW23DL	Phenol	< 1.9	< 4000	UG/L	NA	NA
PA-GW23	PAGW23	Phenol	< 1.9	< 10	UG/L	NA	NA
PA-GW18	PAGW18	Phenol	< 1.9	< 10	UG/L	NA	NA
PA-GW20	PAGW20DL	Pyrene	< 1.3	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	Pyrene	< 1.3	< 10	UG/L	NA	NA
PA-GW23	PAGW23	Pyrene	< 1.3	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	Pyrene	< 1.3	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	Pyrene	< 1.3	< 10	UG/L	NA	NA
PA-GW20	PAGW20	2,4,5-Trichlorophenol	< 1.3	< 25	UG/L	NA	NA
PA-GW20	PAGW20DL	2,4,5-Trichlorophenol	< 1.3	< 10000	UG/L	NA	NA
PA-GW23	PAGW23DL	2,4,5-Trichlorophenol	< 1.4	< 10000	UG/L	NA	NA
PA-GW23	PAGW23	2,4,5-Trichlorophenol	< 1.4	< 25	UG/L	NA	NA
PA-GW18	PAGW18	2,4,5-Trichlorophenol	< 1.4	< 25	UG/L	NA	NA
PA-GW20	PAGW20DL	2,4,6-Trichlorophenol	< 1	< 4000	UG/L	NA	NA
PA-GW20	PAGW20	2,4,6-Trichlorophenol	< 1	< 10	UG/L	NA	NA
PA-GW23	PAGW23	2,4,6-Trichlorophenol	< 1	< 10	UG/L	NA	NA
PA-GW23	PAGW23DL	2,4,6-Trichlorophenol	< 1	< 4000	UG/L	NA	NA
PA-GW18	PAGW18	2,4,6-Trichlorophenol	< 1	< 10	UG/L	NA	NA
TPH:							
PA-GW20	PAGW20	Motor Oil	< 390	2000	UG/L	NA	NA
PA-GW23	PAGW23	Motor Oil	< 480	2500	UG/L	NA	NA
PA-GW25	PAGW25	Motor Oil	2700	6000	UG/L	76	NA
PA-GW18	PAGW18	Motor Oil	< 92	< 1000	UG/L	NA	NA
PA-GW9	PAGW09	Motor Oil	< 94	< 1000	UG/L	NA	NA
Pesticides:							
PA-GW20	PAGW20	Aldrin	< 0.009	< 0.05	UG/L	NA	NA
PA-GW23	PAGW23	Aldrin	< 0.009	< 0.05	UG/L	NA	NA
PA-GW25	PAGW25	Aldrin	< 0.009	< 0.05	UG/L	NA	NA
PA-GW18	PAGW18	Aldrin	< 15	< 0.05	UG/L	NA	NA
PA-GW20	PAGW20	BHC Alpha	< 0.017	< 0.05	UG/L	NA	NA
PA-GW23	PAGW23	BHC Alpha	0.02	< 0.05	UG/L	NA	NA
PA-GW25	PAGW25	BHC Alpha	< 0.017	< 0.05	UG/L	NA	NA
PA-GW18	PAGW18	BHC Alpha	< 12	< 0.05	UG/L	NA	NA
PA-GW20	PAGW20	BHC Beta	< 0.045	< 0.05	UG/L	NA	NA
PA-GW23	PAGW23	BHC Beta	< 0.045	< 0.05	UG/L	NA	NA
PA-GW25	PAGW25	BHC Beta	< 0.045	< 0.05	UG/L	NA	NA
PA-GW18	PAGW18	BHC Beta	< 15	< 0.05	UG/L	NA	NA
PA-GW20	PAGW20	BHC Delta	0.05	< 0.05	UG/L	NA	NA
PA-GW23	PAGW23	BHC Delta	< 0.022	< 0.05	UG/L	NA	NA
PA-GW25	PAGW25	BHC Delta	< 0.022	< 0.05	UG/L	NA	NA
PA-GW18	PAGW18	BHC Delta	< 19	< 0.05	UG/L	NA	NA
PA-GW20	PAGW20	BHC Gamma (Lindane)	< 0.018	< 0.05	UG/L	NA	2
PA-GW23	PAGW23	BHC Gamma (Lindane)	< 0.018	< 0.05	UG/L	NA	2
PA-GW25	PAGW25	BHC Gamma (Lindane)	< 0.018	< 0.05	UG/L	NA	2
PA-GW18	PAGW18	BHC Gamma (Lindane)	< 13	< 0.05	UG/L	NA	2
PA-GW20	PAGW20	Alpha-Chlordane	< 0.011	0.05	UG/L	NA	NA
PA-GW23	PAGW23	Alpha-Chlordane	< 0.011	< 0.05	UG/L	NA	NA
PA-GW25	PAGW25	Alpha-Chlordane	< 0.011	< 0.05	UG/L	NA	NA
PA-GW18	PAGW18	Alpha-Chlordane	< 37	< 0.05	UG/L	NA	NA
PA-GW20	PAGW20	Gamma-Chlordane	< 0.048	< 0.05	UG/L	NA	NA
PA-GW23	PAGW23	Gamma-Chlordane	< 0.048	< 0.05	UG/L	NA	NA
PA-GW25	PAGW25	Gamma-Chlordane	< 0.048	< 0.05	UG/L	NA	NA

Location Name	Sample Name	Analyte	ARC Primary Sample	EPA Split Sample	Units	RPD	Drinking Water MCL
PA-GW18	PAGW18	Gamma-Chlordane	< 37	< 0.05	UG/L	NA	NA
PA-GW20	PAGW20	p,p'-DDD	< 0.013	< 0.1	UG/L	NA	NA
PA-GW23	PAGW23	p,p'-DDD	< 0.013	< 0.1	UG/L	NA	NA
PA-GW25	PAGW25	p,p'-DDD	< 0.013	< 0.1	UG/L	NA	NA
PA-GW18	PAGW18	p,p'-DDD	< 170	< 0.1	UG/L	NA	NA
PA-GW20	PAGW20	p,p'-DDE	< 0.015	< 0.1	UG/L	NA	NA
PA-GW23	PAGW23	p,p'-DDE	< 0.015	< 0.1	UG/L	NA	NA
PA-GW25	PAGW25	p,p'-DDE	< 0.015	< 0.1	UG/L	NA	NA
PA-GW18	PAGW18	p,p'-DDE	< 70	< 0.1	UG/L	NA	NA
PA-GW20	PAGW20	p,p'-DDT	< 0.021	< 0.1	UG/L	NA	NA
PA-GW23	PAGW23	p,p'-DDT	< 0.021	< 0.1	UG/L	NA	NA
PA-GW25	PAGW25	p,p'-DDT	< 0.021	< 0.1	UG/L	NA	NA
PA-GW18	PAGW18	p,p'-DDT	< 190	< 0.1	UG/L	NA	NA
PA-GW20	PAGW20	Dieldrin	< 0.015	< 0.1	UG/L	NA	NA
PA-GW23	PAGW23	Dieldrin	< 0.015	< 0.1	UG/L	NA	NA
PA-GW25	PAGW25	Dieldrin	< 0.015	< 0.1	UG/L	NA	NA
PA-GW18	PAGW18	Dieldrin	< 49	< 0.1	UG/L	NA	NA
PA-GW20	PAGW20	Alpha Endosulfan	< 0.012	< 0.05	UG/L	NA	NA
PA-GW23	PAGW23	Alpha Endosulfan	< 0.012	< 0.05	UG/L	NA	NA
PA-GW25	PAGW25	Alpha Endosulfan	< 0.012	< 0.05	UG/L	NA	NA
PA-GW18	PAGW18	Alpha Endosulfan	< 46	< 0.05	UG/L	NA	NA
PA-GW20	PAGW20	Beta Endosulfan	< 0.019	< 0.1	UG/L	NA	NA
PA-GW23	PAGW23	Beta Endosulfan	< 0.019	< 0.1	UG/L	NA	NA
PA-GW25	PAGW25	Beta Endosulfan	< 0.019	< 0.1	UG/L	NA	NA
PA-GW18	PAGW18	Beta Endosulfan	< 64	< 0.1	UG/L	NA	NA
PA-GW20	PAGW20	Endosulfan Sulfate	< 0.019	< 0.1	UG/L	NA	NA
PA-GW23	PAGW23	Endosulfan Sulfate	< 0.019	< 0.1	UG/L	NA	NA
PA-GW25	PAGW25	Endosulfan Sulfate	< 0.019	< 0.1	UG/L	NA	NA
PA-GW18	PAGW18	Endosulfan Sulfate	< 190	< 0.1	UG/L	NA	NA
PA-GW20	PAGW20	Endrin	< 0.02	< 0.1	UG/L	NA	20
PA-GW23	PAGW23	Endrin	< 0.02	< 0.1	UG/L	NA	20
PA-GW25	PAGW25	Endrin	< 0.02	< 0.1	UG/L	NA	20
PA-GW18	PAGW18	Endrin	< 42	< 0.1	UG/L	NA	20
PA-GW20	PAGW20	Endrin Aldehyde	< 0.03	< 0.1	UG/L	NA	NA
PA-GW23	PAGW23	Endrin Aldehyde	< 0.03	< 0.1	UG/L	NA	NA
PA-GW25	PAGW25	Endrin Aldehyde	< 0.03	< 0.1	UG/L	NA	NA
PA-GW18	PAGW18	Endrin Aldehyde	< 180	< 0.1	UG/L	NA	NA
PA-GW18	PAGW18	Endrin Ketone	< 180	< 0.1	UG/L	NA	NA
PA-GW20	PAGW20	Heptachlor	< 0.013	< 0.05	UG/L	NA	0.4
PA-GW23	PAGW23	Heptachlor	< 0.013	< 0.05	UG/L	NA	0.4
PA-GW25	PAGW25	Heptachlor	< 0.013	< 0.05	UG/L	NA	0.4
PA-GW18	PAGW18	Heptachlor	< 15	< 0.05	UG/L	NA	0.4
PA-GW20	PAGW20	Heptachlor Epoxide	0.03	0.097	UG/L	106	0.2
PA-GW23	PAGW23	Heptachlor Epoxide	< 0.012	0.058	UG/L	NA	0.2
PA-GW25	PAGW25	Heptachlor Epoxide	< 0.012	0.073	UG/L	NA	0.2
PA-GW18	PAGW18	Heptachlor Epoxide	< 24	< 0.05	UG/L	NA	0.2
PA-GW20	PAGW20	Methoxychlor	< 0.013	< 0.5	UG/L	NA	40
PA-GW23	PAGW23	Methoxychlor	< 0.013	< 0.5	UG/L	NA	40
PA-GW25	PAGW25	Methoxychlor	< 0.013	< 0.5	UG/L	NA	40
PA-GW18	PAGW18	Methoxychlor	< 150	< 0.5	UG/L	NA	40
PA-GW20	PAGW20	Toxaphene	< 0.041	< 5	UG/L	NA	3
PA-GW23	PAGW23	Toxaphene	< 0.041	< 5	UG/L	NA	3

Location Name	Sample Name	Analyte	ARC Primary Sample	EPA Split Sample	Units	RPD	Drinking Water MCL
PA-GW25	PAGW25	Toxaphene	< 0.041	< 5	UG/L	NA	3
PA-GW18	PAGW18	Toxaphene	< 3000	< 5	UG/L	NA	3
PCBs:							
PA-GW20	PAGW20	PCB 1016	< 0.57	< 1	UG/L	NA	0.5
PA-GW23	PAGW23	PCB 1016	< 0.57	< 1	UG/L	NA	0.5
PA-GW25	PAGW25	PCB 1016	< 0.57	< 1	UG/L	NA	0.5
PA-GW18	PAGW18	PCB 1016	< 1.8	< 1	UG/L	NA	0.5
PA-GW20	PAGW20	PCB 1221	< 0.36	< 2	UG/L	NA	0.5
PA-GW23	PAGW23	PCB 1221	< 0.36	< 2	UG/L	NA	0.5
PA-GW25	PAGW25	PCB 1221	< 0.36	< 2	UG/L	NA	0.5
PA-GW18	PAGW18	PCB 1221	< 21	< 2	UG/L	NA	0.5
PA-GW20	PAGW20	PCB 1232	< 0.71	< 1	UG/L	NA	0.5
PA-GW23	PAGW23	PCB 1232	< 0.71	< 1	UG/L	NA	0.5
PA-GW25	PAGW25	PCB 1232	< 0.71	< 1	UG/L	NA	0.5
PA-GW18	PAGW18	PCB 1232	< 21	< 1	UG/L	NA	0.5
PA-GW20	PAGW20	PCB 1242	< 0.58	< 1	UG/L	NA	0.5
PA-GW23	PAGW23	PCB 1242	< 0.58	< 1	UG/L	NA	0.5
PA-GW25	PAGW25	PCB 1242	< 0.58	< 1	UG/L	NA	0.5
PA-GW18	PAGW18	PCB 1242	< 21	< 1	UG/L	NA	0.5
PA-GW20	PAGW20	PCB 1248	< 0.41	< 1	UG/L	NA	0.5
PA-GW23	PAGW23	PCB 1248	< 0.41	< 1	UG/L	NA	0.5
PA-GW25	PAGW25	PCB 1248	< 0.41	< 1	UG/L	NA	0.5
PA-GW18	PAGW18	PCB 1248	< 21	< 1	UG/L	NA	0.5
PA-GW20	PAGW20	PCB 1254	< 0.58	< 1	UG/L	NA	0.5
PA-GW23	PAGW23	PCB 1254	< 0.58	< 1	UG/L	NA	0.5
PA-GW25	PAGW25	PCB 1254	< 0.58	< 1	UG/L	NA	0.5
PA-GW18	PAGW18	PCB 1254	< 21	< 1	UG/L	NA	0.5
PA-GW20	PAGW20	PCB 1260	< 0.61	< 1	UG/L	NA	0.5
PA-GW23	PAGW23	PCB 1260	< 0.61	< 1	UG/L	NA	0.5
PA-GW25	PAGW25	PCB 1260	< 0.61	< 1	UG/L	NA	0.5
PA-GW18	PAGW18	PCB 1260	< 1.4	< 1	UG/L	NA	0.5

NOTE: Highlighted cell indicates result exceeds EPA Maximum Contaminant Level (MCL) for drinking water

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-09	GW-18	GW-18 (dup)	GW-18 (dup)	GW-18 (dup)	GW-20	GW-23
Sample ID	PAGW09	PAGW18	PAGW18DUP	PAGW18X	PAGW18XDUP	PAGW20	PAGW23
Sample Date	01/22/2005	01/23/2005	01/23/2005	01/23/2005	01/23/2005	12/01/2004	12/04/2004
Volatile Organic Compounds (µg/L)							
1,1,1-TRICHLOROETHANE	NA	10 U	NA	NA	NA	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	NA	10 U	NA	NA	NA	10 U	10 U
1,1,2-TRICHLOROETHANE	NA	10 U	NA	NA	NA	10 U	10 U
1,1-DICHLOROETHANE	NA	10 U	NA	NA	NA	10 U	10 U
1,1-DICHLOROETHENE	NA	10 U	NA	NA	NA	10 U	10 U
1,2,4-TRICHLOROBENZENE	NA	10 U	NA	NA	NA	10 UJ	10 UJ
1,2-DIBROMO-3-CHLOROPROPANE	NA	10 U	NA	NA	NA	10 U	10 U
1,2-DIBROMOETHANE	NA	10 U	NA	NA	NA	10 U	10 U
1,2-DICHLOROBENZENE	NA	10 U	NA	NA	NA	10 U	10 U
1,2-DICHLOROETHANE	NA	10 U	NA	NA	NA	10 U	10 U
1,2-DICHLOROPROPANE	NA	10 U	NA	NA	NA	10 U	10 U
1,3-DICHLOROBENZENE	NA	10 U	NA	NA	NA	10 U	10 U
1,4-DICHLOROBENZENE	NA	10 U	NA	NA	NA	10 U	10 U
2-BUTANONE	NA	10 U	NA	NA	NA	10 UJ	10 UJ
2-HEXANONE	NA	10 U	NA	NA	NA	10 U	10 U
4-METHYL-2-PENTANONE	NA	10 U	NA	NA	NA	10 U	10 U
ACETONE	NA	**11**	NA	NA	NA	10 UJ	10 UJ
BENZENE	NA	10 U	NA	NA	NA	10 U	10 U
BROMODICHLOROMETHANE	NA	10 U	NA	NA	NA	10 U	10 U
BROMOFORM	NA	10 U	NA	NA	NA	10 UJ	10 UJ
BROMOMETHANE	NA	10 U	NA	NA	NA	10 U	10 U
CARBON DISULFIDE	NA	10 U	NA	NA	NA	10 U	10 U
CARBON TETRACHLORIDE	NA	10 U	NA	NA	NA	10 U	10 U
CHLOROBENZENE	NA	10 U	NA	NA	NA	10 U	10 U
CHLOROETHANE	NA	10 U	NA	NA	NA	10 U	10 U
CHLOROFORM	NA	10 U	NA	NA	NA	10 U	10 U
CHLOROMETHANE	NA	10 U	NA	NA	NA	10 U	10 U
CIS-1,2-DICHLOROETHENE	NA	10 U	NA	NA	NA	10 U	10 U
CIS-1,3-DICHLOROPROPENE	NA	10 U	NA	NA	NA	10 U	10 U
CYCLOHEXANE	NA	10 U	NA	NA	NA	10 U	10 U
DIBROMOCHLOROMETHANE	NA	10 U	NA	NA	NA	10 U	10 U
DICHLORODIFLUOROMETHANE	NA	10 U	NA	NA	NA	10 U	10 U
ETHYLBENZENE	NA	10 U	NA	NA	NA	10 U	10 U
FREON 113	NA	10 U	NA	NA	NA	10 U	10 U

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	**GW-09**	**GW-18**	**GW-18 (dup)**	**GW-18 (dup)**	**GW-18 (dup)**	**GW-20**	**GW-23**
Sample ID	PAGW09	PAGW18	PAGW18DUP	PAGW18X	PAGW18XDUP	PAGW20	PAGW23
Sample Date	01/22/2005	01/23/2005	01/23/2005	01/23/2005	01/23/2005	12/01/2004	12/04/2004
Volatile Organic Compounds (µg/L)							
ISOPROPYLBENZENE	NA	10 U	NA	NA	NA	10 U	10 U
METHYL ACETATE	NA	10 U	NA	NA	NA	10 U	10 U
METHYL TERT-BUTYL ETHER	NA	10 U	NA	NA	NA	10 U	10 U
METHYLCYCLOHEXANE	NA	10 U	NA	NA	NA	10 U	10 U
METHYLENE CHLORIDE	NA	10 U	NA	NA	NA	10 U	10 U
STYRENE	NA	10 U	NA	NA	NA	10 U	10 U
TETRACHLOROETHENE	NA	10 U	NA	NA	NA	10 U	10 U
TOLUENE	NA	**0.4 J**	NA	NA	NA	10 U	**140**
TRANS-1,2-DICHLOROETHENE	NA	10 U	NA	NA	NA	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	NA	10 U	NA	NA	NA	10 U	10 U
TRICHLOROETHENE	NA	**0.9 J**	NA	NA	NA	10 U	10 U
TRICHLOROFLUOROMETHANE	NA	10 U	NA	NA	NA	10 UJ	10 UJ
VINYL CHLORIDE	NA	10 U	NA	NA	NA	10 U	10 U
XYLENE (TOTAL)	NA	10 U	NA	NA	NA	10 U	10 U
Petroleum Hydrocarbons (mg/L)							
Diesel/Motor Oil Range (extractables)							
DIESEL RANGE ORGANICS	0.25 U	0.25 U	NA	NA	NA	**12 J**	**15 J**
MOTOR OIL RANGE ORGANICS	1 U	1 U	NA	NA	NA	**2 J**	**2.5 J**
Gasoline Range (purgeables)							
GASOLINE RANGE ORGANICS	**0.033 J**	0.05 U	NA	NA	NA	**0.26**	**0.63 J**
Semivolatile Organic Compounds (µg/L)							
1,1'-BIPHENYL	NA	10 U	NA	NA	NA	10 U	10 U
2,2'-OXYBIS(1- CHLOROPROPANE)	NA	10 U	NA	NA	NA	10 U	10 U
2,4,5-TRICHLOROPHENOL	NA	25 U	NA	NA	NA	25 U	25 U
2,4,6-TRICHLOROPHENOL	NA	10 U	NA	NA	NA	10 U	10 U
2,4-DICHLOROPHENOL	NA	10 U	NA	NA	NA	10 U	10 U
2,4-DIMETHYLPHENOL	NA	10 U	NA	NA	NA	10 U	10 U
2,4-DINITROPHENOL	NA	25 U	NA	NA	NA	25 U	25 U
2,4-DINITROTOLUENE	NA	10 U	NA	NA	NA	10 U	10 U
2,6-DINITROTOLUENE	NA	10 U	NA	NA	NA	10 U	10 U
2-CHLORONAPHTHALENE	NA	10 U	NA	NA	NA	10 U	10 U
2-CHLOROPHENOL	NA	10 U	NA	NA	NA	10 U	10 U

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-09	GW-18	GW-18 (dup)	GW-18 (dup)	GW-18 (dup)	GW-20	GW-23
Sample ID	PAGW09	PAGW18	PAGW18DUP	PAGW18X	PAGW18XDUP	PAGW20	PAGW23
Sample Date	01/22/2005	01/23/2005	01/23/2005	01/23/2005	01/23/2005	12/01/2004	12/04/2004
Semivolatile Organic Compounds (µg/L)							
2-METHYLNAPHTHALENE	NA	10 U	NA	NA	NA	10 U	10 U
2-METHYLPHENOL	NA	10 U	NA	NA	NA	10 U	10 U
2-NITROANILINE	NA	25 U	NA	NA	NA	25 U	25 U
2-NITROPHENOL	NA	10 U	NA	NA	NA	10 U	10 U
3,3'-DICHLOROBENZIDINE	NA	10 U	NA	NA	NA	10 U	10 U
3-NITROANILINE	NA	25 U	NA	NA	NA	25 R	25 R
4,6-DINITRO-2-METHYLPHENOL	NA	25 U	NA	NA	NA	25 U	25 U
4-BROMOPHENYL-PHENYLETHER	NA	10 U	NA	NA	NA	10 U	10 U
4-CHLORO-3-METHYLPHENOL	NA	10 U	NA	NA	NA	10 U	10 U
4-CHLOROANILINE	NA	10 U	NA	NA	NA	10 U	10 U
4-CHLOROPHENYL-PHENYL ETHER	NA	10 U	NA	NA	NA	10 U	10 U
4-METHYLPHENOL	NA	10 U	NA	NA	NA	10 U	10 U
4-NITROANILINE	NA	25 U	NA	NA	NA	25 U	25 U
4-NITROPHENOL	NA	25 U	NA	NA	NA	25 U	25 U
ACENAPHTHENE	NA	10 U	NA	NA	NA	10 U	10 U
ACENAPHTHYLENE	NA	10 U	NA	NA	NA	10 U	10 U
ACETOPHENONE	NA	10 U	NA	NA	NA	10 U	10 U
ANTHRACENE	NA	10 U	NA	NA	NA	10 U	10 U
ATRAZINE	NA	10 U	NA	NA	NA	10 U	10 U
BENZALDEHYDE	NA	10 U	NA	NA	NA	10 U	**2 J**
BENZO(A)ANTHRACENE	NA	10 U	NA	NA	NA	10 U	10 U
BENZO(A)PYRENE	NA	10 U	NA	NA	NA	10 U	10 U
BENZO(B)FLUORANTHENE	NA	10 U	NA	NA	NA	10 U	10 U
BENZO(G,H,I)PERYLENE	NA	10 U	NA	NA	NA	10 U	10 U
BENZO(K)FLUORANTHENE	NA	10 U	NA	NA	NA	10 U	10 U
BIS(2-CHLOROETHOXY)METHANE	NA	10 U	NA	NA	NA	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	NA	10 U	NA	NA	NA	10 U	**3 J**
BIS-(2-CHLOROETHYL)ETHER	NA	10 U	NA	NA	NA	NA	NA
BUTYLBENZYLPHTHALATE	NA	10 U	NA	NA	NA	10 U	10 U
CAPROLACTAM	NA	10 U	NA	NA	NA	**5,300**	**5,100**
CARBAZOLE	NA	10 U	NA	NA	NA	10 U	10 U
CHRYSENE	NA	10 U	NA	NA	NA	10 U	10 U

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-09	GW-18	GW-18 (dup)	GW-18 (dup)	GW-18 (dup)	GW-20	GW-23
Sample ID	PAGW09	PAGW18	PAGW18DUP	PAGW18X	PAGW18XDUP	PAGW20	PAGW23
Sample Date	01/22/2005	01/23/2005	01/23/2005	01/23/2005	01/23/2005	12/01/2004	12/04/2004
Semivolatile Organic Compounds (µg/L)							
DI-N-BUTYLPHTHALATE	NA	**0.3 J**	NA	NA	NA	10 U	**1 J**
DI-N-OCTYLPHTHALATE	NA	10 U	NA	NA	NA	10 U	10 U
DIBENZO(A,H)-ANTHRACENE	NA	10 U	NA	NA	NA	10 U	10 U
DIBENZOFURAN	NA	10 U	NA	NA	NA	10 U	10 U
DIETHYLPHTHALATE	NA	10 U	NA	NA	NA	**1 J**	10 U
DIMETHYLPHTHALATE	NA	10 U	NA	NA	NA	10 U	10 U
FLUORANTHENE	NA	10 U	NA	NA	NA	10 U	10 U
FLUORENE	NA	10 U	NA	NA	NA	10 U	10 U
HEXACHLOROBENZENE	NA	10 U	NA	NA	NA	10 U	10 U
HEXACHLOROBUTADIENE	NA	10 U	NA	NA	NA	10 U	10 U
HEXACHLOROCYCLO-PENTADIENE	NA	10 U	NA	NA	NA	10 U	10 U
HEXACHLOROETHANE	NA	10 U	NA	NA	NA	10 U	10 U
INDENO(1,2,3-CD)-PYRENE	NA	10 U	NA	NA	NA	10 U	10 U
ISOPHORONE	NA	10 U	NA	NA	NA	10 U	10 U
N-NITROSO DIPHENYLAMINE	NA	10 U	NA	NA	NA	10 U	10 U
N-NITROSO-DI-N PROPYLAMINE	NA	10 U	NA	NA	NA	10 U	10 U
NAPHTHALENE	NA	10 U	NA	NA	NA	10 U	10 U
NITROBENZENE	NA	10 U	NA	NA	NA	10 U	10 U
PENTACHLOROPHENOL	NA	25 U	NA	NA	NA	25 U	25 U
PHENANTHRENE	NA	10 U	NA	NA	NA	10 U	10 U
PHENOL	NA	10 U	NA	NA	NA	10 U	10 U
PYRENE	NA	10 U	NA	NA	NA	10 U	10 U
PCBs/Pesticides (µg/L)							
4,4'-DDD	NA	0.1 U	NA	NA	NA	0.1 U	0.1 UJ
4,4'-DDE	NA	0.1 U	NA	NA	NA	0.1 U	0.1 UJ
4,4'-DDT	NA	0.1 U	NA	NA	NA	0.1 U	0.1 UJ
ALDRIN	NA	0.05 U	NA	NA	NA	0.05 U	0.05 UJ
ALPHA-BHC	NA	0.05 U	NA	NA	NA	0.05 U	0.05 UJ
ALPHA-CHLORDANE	NA	0.05 U	NA	NA	NA	**0.05**	0.05 UJ
AROCLOR-1016	NA	1 U	NA	NA	NA	1 U	1 UJ
AROCLOR-1221	NA	2 U	NA	NA	NA	2 U	2 UJ
AROCLOR-1232	NA	1 U	NA	NA	NA	1 U	1 UJ
AROCLOR-1242	NA	1 U	NA	NA	NA	1 U	1 UJ

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-09	GW-18	GW-18 (dup)	GW-18 (dup)	GW-18 (dup)	GW-20	GW-23
Sample ID	PAGW09	PAGW18	PAGW18DUP	PAGW18X	PAGW18XDUP	PAGW20	PAGW23
Sample Date	01/22/2005	01/23/2005	01/23/2005	01/23/2005	01/23/2005	12/01/2004	12/04/2004
PCBs/Pesticides (µg/L)							
AROCLOR-1248	NA	1 U	NA	NA	NA	1 U	1 UJ
AROCLOR-1254	NA	1 U	NA	NA	NA	1 U	1 UJ
AROCLOR-1260	NA	1 U	NA	NA	NA	1 U	1 UJ
BETA-BHC	NA	0.05 U	NA	NA	NA	0.05 U	0.05 UJ
DELTA-BHC	NA	0.05 U	NA	NA	NA	0.05 U	0.05 UJ
DIELDRIN	NA	0.1 U	NA	NA	NA	0.1 U	0.1 UJ
ENDOSULFAN I	NA	0.05 U	NA	NA	NA	0.05 U	0.05 UJ
ENDOSULFAN II	NA	0.1 U	NA	NA	NA	0.1 U	0.1 UJ
ENDOSULFAN SULFATE	NA	0.1 U	NA	NA	NA	0.1 U	0.1 UJ
ENDRIN	NA	0.1 U	NA	NA	NA	0.1 U	0.1 UJ
ENDRIN ALDEHYDE	NA	0.1 U	NA	NA	NA	0.1 U	0.1 UJ
ENDRIN KETONE	NA	0.1 U	NA	NA	NA	0.1 U	0.1 UJ
GAMMA-BHC (LINDANE)	NA	0.05 U	NA	NA	NA	0.05 U	0.05 UJ
GAMMA-CHLORDANE	NA	0.05 U	NA	NA	NA	0.05 U	0.05 UJ
HEPTACHLOR	NA	0.05 U	NA	NA	NA	0.05 U	0.05 UJ
HEPTACHLOR EPOXIDE	NA	0.05 U	NA	NA	NA	**0.097**	**0.058 NJ**
METHOXYCHLOR	NA	0.5 U	NA	NA	NA	0.5 U	0.5 UJ
TOXAPHENE	NA	5 U	NA	NA	NA	5 U	5 UJ
Metals (µg/L)							
Unfiltered							
ALUMINUM	NA	**1,750**	NA	NA	NA	NA	NA
ANTIMONY	NA	60 U	NA	NA	NA	NA	NA
ARSENIC	NA	**8.9 J**	NA	NA	NA	NA	NA
BARIUM	NA	**26.6 J**	NA	NA	NA	NA	NA
BERYLLIUM	NA	**5.8**	NA	NA	NA	NA	NA
CADMIUM	NA	**6**	NA	NA	NA	NA	NA
CALCIUM	NA	**512,000**	NA	NA	NA	NA	NA
CHROMIUM	NA	**4.4 J**	NA	NA	NA	NA	NA
COBALT	NA	**154**	NA	NA	NA	NA	NA
COPPER	NA	**16.4 J**	NA	NA	NA	NA	NA
IRON	NA	**66,100**	NA	NA	NA	NA	NA
LEAD	NA	10 U	NA	NA	NA	NA	NA
MAGNESIUM	NA	**330,000**	NA	NA	NA	NA	NA

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-09	GW-18	GW-18 (dup)	GW-18 (dup)	GW-18 (dup)	GW-20	GW-23
Sample ID	PAGW09	PAGW18	PAGW18DUP	PAGW18X	PAGW18XDUP	PAGW20	PAGW23
Sample Date	01/22/2005	01/23/2005	01/23/2005	01/23/2005	01/23/2005	12/01/2004	12/04/2004
Metals (µg/L)							
Unfiltered							
MANGANESE	NA	**6,580**	NA	NA	NA	NA	NA
MERCURY	NA	0.2 UJ	NA	NA	NA	NA	NA
NICKEL	NA	**35.2 J**	NA	NA	NA	NA	NA
POTASSIUM	NA	**10,800**	NA	NA	NA	NA	NA
SELENIUM	NA	35 U	NA	NA	NA	NA	NA
SILVER	NA	10 R	NA	NA	NA	NA	NA
SODIUM	NA	**312,000**	NA	NA	NA	NA	NA
THALLIUM	NA	25 U	NA	NA	NA	NA	NA
VANADIUM	NA	50 U	NA	NA	NA	NA	NA
ZINC	NA	**41.2 J**	NA	NA	NA	NA	NA
FIltered							
ALUMINUM	NA	NA	NA	NA	NA	200 U	**26,100**
ANTIMONY	NA	NA	NA	NA	NA	60 U	**15 J**
ARSENIC	NA	NA	NA	NA	NA	10 UJ	3 UJ
BARIUM	NA	NA	NA	NA	NA	52.6 UJ	46.6 UJ
BERYLLIUM	NA	NA	NA	NA	NA	5 U	**30.5**
CADMIUM	NA	NA	NA	NA	NA	5 U	**91**
CALCIUM	NA	NA	NA	NA	NA	**555,000**	**385,000**
CHROMIUM	NA	NA	NA	NA	NA	**2.2 J**	10 U
COBALT	NA	NA	NA	NA	NA	8.3 UJ	**1,160**
COPPER	NA	NA	NA	NA	NA	80.3 R	3,250 R
IRON	NA	NA	NA	NA	NA	**1,440**	**1,110,000**
LEAD	NA	NA	NA	NA	NA	4.5 R	10 R
MAGNESIUM	NA	NA	NA	NA	NA	**754,000**	**295,000**
MANGANESE	NA	NA	NA	NA	NA	**973**	**50,000**
MERCURY	NA	NA	NA	NA	NA	0.2 U	**0.15 J**
NICKEL	NA	NA	NA	NA	NA	**30.2 J**	**893**
POTASSIUM	NA	NA	NA	NA	NA	**16,000**	**28,000**
SELENIUM	NA	NA	NA	NA	NA	35 R	35 R
SILVER	NA	NA	NA	NA	NA	10 R	**4 J-**
SODIUM	NA	NA	NA	NA	NA	**286,000**	**221,000**
THALLIUM	NA	NA	NA	NA	NA	25 U	**27.6**

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-09	GW-18	GW-18 (dup)	GW-18 (dup)	GW-18 (dup)	GW-20	GW-23
Sample ID	PAGW09	PAGW18	PAGW18DUP	PAGW18X	PAGW18XDUP	PAGW20	PAGW23
Sample Date	01/22/2005	01/23/2005	01/23/2005	01/23/2005	01/23/2005	12/01/2004	12/04/2004
Metals (µg/L)							
FItered							
VANADIUM	NA	NA	NA	NA	NA	50 R	40.5 R
ZINC	NA	NA	NA	NA	NA	**41 J**	**3,420**
Alkalinity (mg/L)							
BICARBONATE ALKALINITY	NA	NA	NA	NA	NA	**10**	NA
CARBONATE ALKALINITY	NA	NA	NA	NA	NA	0.1 U	NA
HYDROXIDE ALKALINITY	NA	NA	NA	NA	NA	1 U	NA
TOTAL ALKALINITY	NA	NA	NA	NA	NA	**10**	NA
Anions (mg/L)							
CHLORIDE	NA	NA	NA	NA	NA	**73**	NA
NITRATE	NA	NA	NA	NA	NA	0.1 U	NA
NITRITE	NA	NA	NA	NA	NA	0.2 U	NA
O-PHOSPHATE, AS P	NA	NA	NA	NA	NA	1 U	NA
SULFATE	NA	NA	NA	NA	NA	**10**	NA
Radionuclides (PCI/L)							
ALPHA	**41**	**860**	NA	**710**	NA	**350**	NA
BA140	16.1 U	16 U	NA	12.5 U	NA	24.5 U	NA
BETA	**9.8**	**290**	NA	**277**	NA	**97**	NA
BI214	**17.4**	NA	NA	NA	NA	**43.7**	NA
CO60	2.12 U	1.95 U	NA	1.71 U	NA	5.5 U	NA
CS137	2.33 U	1.75 U	NA	1.49 U	NA	5.02 U	NA
I131	7.97 U	8.56 U	NA	6.25 U	NA	8.79 U	NA
K40	20.5 U	**14**	NA	**13.2**	NA	**36**	NA
PB210	579 U	46 U	NA	34.9 U	NA	388 U	NA
PB212	NA	**1.4**	NA	NA	NA	NA	NA
PB214	**15.8**	**6.2**	NA	**2.6**	NA	**35.3**	NA
RA226	63.8 U	30.4 U	NA	**56**	NA	**69**	NA
RA228	14.4 U	11.6 U	NA	9.56 U	NA	27.7 U	NA
TH227	**-.13**	**0.6**	NA	**0.3**	NA	**0.07**	NA
TH228	**0.58**	**4.2**	NA	**1.5**	NA	**0.8**	NA
TH230	**0.08**	**1.6**	NA	**1.5**	NA	**0.28**	NA
TH232	**-.028**	**-.11**	NA	**2.1**	NA	**-.04**	NA
TH234	NA	**98**	NA	**89**	NA	NA	NA
TL208	NA	**0.7**	NA	NA	NA	NA	NA

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	**GW-09**	**GW-18**	**GW-18 (dup)**	**GW-18 (dup)**	**GW-18 (dup)**	**GW-20**	**GW-23**
Sample ID	PAGW09	PAGW18	PAGW18DUP	PAGW18X	PAGW18XDUP	PAGW20	PAGW23
Sample Date	01/22/2005	01/23/2005	01/23/2005	01/23/2005	01/23/2005	12/01/2004	12/04/2004
Radionuclides (PCI/L)							
U234	**11.2**	**321**	NA	**327**	NA	**108**	NA
U235	**0.3**	**12.2**	**12.2**	**10.6**	**14.3**	**4.6**	NA
U238	**7.1**	**247**	NA	**251**	NA	**82.5**	NA
Total Organic Carbon (mg/L)							
TOC	NA	NA	NA	NA	NA	**97**	**46**

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-25
Sample ID	PAGW25
Sample Date	12/07/2004
Volatile Organic Compounds (µg/L)	
1,1,1-TRICHLOROETHANE	10 U
1,1,2,2-TETRACHLOROETHANE	10 U
1,1,2-TRICHLOROETHANE	10 U
1,1-DICHLOROETHANE	10 U
1,1-DICHLOROETHENE	10 U
1,2,4-TRICHLOROBENZENE	10 U
1,2-DIBROMO-3-CHLOROPROPANE	10 UJ
1,2-DIBROMOETHANE	10 U
1,2-DICHLOROBENZENE	10 U
1,2-DICHLOROETHANE	10 U
1,2-DICHLOROPROPANE	10 U
1,3-DICHLOROBENZENE	10 U
1,4-DICHLOROBENZENE	10 U
2-BUTANONE	10 UJ
2-HEXANONE	10 UJ
4-METHYL-2-PENTANONE	10 U
ACETONE	**19 J**
BENZENE	10 U
BROMODICHLOROMETHANE	10 U
BROMOFORM	10 U
BROMOMETHANE	10 U
CARBON DISULFIDE	10 U
CARBON TETRACHLORIDE	10 U
CHLOROBENZENE	10 U
CHLOROETHANE	10 U
CHLOROFORM	10 U
CHLOROMETHANE	10 U
CIS-1,2-DICHLOROETHENE	10 U
CIS-1,3-DICHLOROPROPENE	10 U
CYCLOHEXANE	10 U
DIBROMOCHLOROMETHANE	10 U
DICHLORODIFLUOROMETHANE	10 U
ETHYLBENZENE	10 U
FREON 113	10 U

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-25
Sample ID	PAGW25
Sample Date	12/07/2004
Volatile Organic Compounds (µg/L)	
ISOPROPYLBENZENE	10 U
METHYL ACETATE	10 U
METHYL TERT-BUTYL ETHER	10 U
METHYLCYCLOHEXANE	10 U
METHYLENE CHLORIDE	10 U
STYRENE	10 U
TETRACHLOROETHENE	10 U
TOLUENE	**13**
TRANS-1,2-DICHLOROETHENE	10 U
TRANS-1,3-DICHLOROPROPENE	10 U
TRICHLOROETHENE	10 U
TRICHLOROFLUOROMETHANE	10 U
VINYL CHLORIDE	10 U
XYLENE (TOTAL)	10 U
Petroleum Hydrocarbons (mg/L)	
Diesel/Motor Oil Range (extractables)	
DIESEL RANGE ORGANICS	**7.3 J**
MOTOR OIL RANGE ORGANICS	**6 J**
Gasoline Range (purgeables)	
GASOLINE RANGE ORGANICS	**0.33**
Semivolatile Organic Compounds (µg/L)	
1,1'-BIPHENYL	NA
2,2'-OXYBIS(1- CHLOROPROPANE)	NA
2,4,5-TRICHLOROPHENOL	NA
2,4,6-TRICHLOROPHENOL	NA
2,4-DICHLOROPHENOL	NA
2,4-DIMETHYLPHENOL	NA
2,4-DINITROPHENOL	NA
2,4-DINITROTOLUENE	NA
2,6-DINITROTOLUENE	NA
2-CHLORONAPHTHALENE	NA
2-CHLOROPHENOL	NA

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-25
Sample ID	PAGW25
Sample Date	12/07/2004
Semivolatile Organic Compounds (µg/L)	
2-METHYLNAPHTHALENE	NA
2-METHYLPHENOL	NA
2-NITROANILINE	NA
2-NITROPHENOL	NA
3,3'-DICHLOROBENZIDINE	NA
3-NITROANILINE	NA
4,6-DINITRO-2-METHYLPHENOL	NA
4-BROMOPHENYL-PHENYLETHER	NA
4-CHLORO-3-METHYLPHENOL	NA
4-CHLOROANILINE	NA
4-CHLOROPHENYL-PHENYL ETHER	NA
4-METHYLPHENOL	NA
4-NITROANILINE	NA
4-NITROPHENOL	NA
ACENAPHTHENE	NA
ACENAPHTHYLENE	NA
ACETOPHENONE	NA
ANTHRACENE	NA
ATRAZINE	NA
BENZALDEHYDE	NA
BENZO(A)ANTHRACENE	NA
BENZO(A)PYRENE	NA
BENZO(B)FLUORANTHENE	NA
BENZO(G,H,I)PERYLENE	NA
BENZO(K)FLUORANTHENE	NA
BIS(2-CHLOROETHOXY)METHANE	NA
BIS(2-CHLOROETHYL)ETHER	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA
BIS-(2-CHLOROETHYL)ETHER	NA
BUTYLBENZYLPHTHALATE	NA
CAPROLACTAM	NA
CARBAZOLE	NA
CHRYSENE	NA

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-25
Sample ID	PAGW25
Sample Date	12/07/2004
Semivolatile Organic Compounds (µg/L)	
DI-N-BUTYLPHTHALATE	NA
DI-N-OCTYLPHTHALATE	NA
DIBENZO(A,H)-ANTHRACENE	NA
DIBENZOFURAN	NA
DIETHYLPHTHALATE	NA
DIMETHYLPHTHALATE	NA
FLUORANTHENE	NA
FLUORENE	NA
HEXACHLOROBENZENE	NA
HEXACHLOROBUTADIENE	NA
HEXACHLOROCYCLO-PENTADIENE	NA
HEXACHLOROETHANE	NA
INDENO(1,2,3-CD)-PYRENE	NA
ISOPHORONE	NA
N-NITROSO DIPHENYLAMINE	NA
N-NITROSO-DI-N PROPYLAMINE	NA
NAPHTHALENE	NA
NITROBENZENE	NA
PENTACHLOROPHENOL	NA
PHENANTHRENE	NA
PHENOL	NA
PYRENE	NA
PCBs/Pesticides (µg/L)	
4,4'-DDD	0.1 UJ
4,4'-DDE	0.1 UJ
4,4'-DDT	0.1 UJ
ALDRIN	0.05 UJ
ALPHA-BHC	0.05 UJ
ALPHA-CHLORDANE	0.05 UJ
AROCLOR-1016	1 UJ
AROCLOR-1221	2 UJ
AROCLOR-1232	1 UJ
AROCLOR-1242	1 UJ

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-25
Sample ID	PAGW25
Sample Date	12/07/2004
PCBs/Pesticides (µg/L)	
AROCLOR-1248	1 UJ
AROCLOR-1254	1 UJ
AROCLOR-1260	1 UJ
BETA-BHC	0.05 UJ
DELTA-BHC	0.05 UJ
DIELDRIN	0.1 UJ
ENDOSULFAN I	0.05 UJ
ENDOSULFAN II	0.1 UJ
ENDOSULFAN SULFATE	0.1 UJ
ENDRIN	0.1 UJ
ENDRIN ALDEHYDE	0.1 UJ
ENDRIN KETONE	0.1 UJ
GAMMA-BHC (LINDANE)	0.05 UJ
GAMMA-CHLORDANE	0.05 UJ
HEPTACHLOR	0.05 UJ
HEPTACHLOR EPOXIDE	**0.073 NJ**
METHOXYCHLOR	0.5 UJ
TOXAPHENE	5 UJ
Metals (µg/L)	
Unfiltered	
ALUMINUM	NA
ANTIMONY	NA
ARSENIC	NA
BARIUM	NA
BERYLLIUM	NA
CADMIUM	NA
CALCIUM	NA
CHROMIUM	NA
COBALT	NA
COPPER	NA
IRON	NA
LEAD	NA
MAGNESIUM	NA

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-25
Sample ID	PAGW25
Sample Date	12/07/2004
Metals (µg/L)	
Unfiltered	
MANGANESE	NA
MERCURY	NA
NICKEL	NA
POTASSIUM	NA
SELENIUM	NA
SILVER	NA
SODIUM	NA
THALLIUM	NA
VANADIUM	NA
ZINC	NA
FItered	
ALUMINUM	**20,400**
ANTIMONY	60 U
ARSENIC	10 UJ
BARIUM	**242 J**
BERYLLIUM	5 U
CADMIUM	1.9 UJ
CALCIUM	**303,000**
CHROMIUM	**58**
COBALT	16.9 UJ
COPPER	295 R
IRON	**26,400**
LEAD	11.4 R
MAGNESIUM	**78,200**
MANGANESE	**2,200**
MERCURY	0.2 U
NICKEL	**53.1**
POTASSIUM	**18,900**
SELENIUM	**39 J-**
SILVER	10 R
SODIUM	**362,000**
THALLIUM	25 U

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-25
Sample ID	PAGW25
Sample Date	12/07/2004
Metals (µg/L)	
FIltered	
VANADIUM	36.8 R
ZINC	**140**
Alkalinity (mg/L)	
BICARBONATE ALKALINITY	NA
CARBONATE ALKALINITY	NA
HYDROXIDE ALKALINITY	NA
TOTAL ALKALINITY	NA
Anions (mg/L)	
CHLORIDE	NA
NITRATE	NA
NITRITE	NA
O-PHOSPHATE, AS P	NA
SULFATE	NA
Radionuclides (PCI/L)	
ALPHA	**131**
BA140	19.7 U
BETA	**49**
BI214	**56.2**
CO60	6.11 U
CS137	5.51 U
I131	6.13 U
K40	**25**
PB210	**890**
PB212	NA
PB214	**64.2**
RA226	**77**
RA228	36 U
TH227	**0.3**
TH228	**4.6**
TH230	**3.2**
TH232	**2.7**
TH234	NA
TL208	NA

TABLE 2: ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES (Continued)

Process Area Site Investigation - EPA Split Sampling, Anaconda Copper Mine, Yerington, Nevada

Sample Location ID	GW-25
Sample ID	PAGW25
Sample Date	12/07/2004
Radionuclides (PCI/L)	
U234	**37**
U235	**1.7**
U238	**28.1**
Total Organic Carbon (mg/L)	
TOC	**25**

Notes: Detected analyates are printed in bold.
EPA split sample IDs are the same as Brown & Caldwell sample IDs.

DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethene
DDT	Dichlorodiphenyltrichloroethane
ID	Identification
J	Estimated value
mg/L	Milligrams per liter
NA	Not analyzed
NC	No criteria
R	Result rejected during quality assurance review.
U	Nondetected
µg/L	Micrograms per liter