Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	ET-MW-19S	WT-GW-06D	WT-GW-06D	WT-GW-08D	WT-GW-13S	WT-GW-16D	WT-GW-19D
	Sample ID	1992852	1831515	1831514	1831525	1831536	1831547	1831549
	Sample Date	04/09/2001	11/11/1998	11/11/1998	11/12/1998	11/16/1998	11/17/1998	11/17/1998
	Sample Time	14:45	15:55	15:55	15:52	10:14	10:55	13:55
	Sample Depth	7.0' - 16.0'	28' - 32'	29.0' - 32'	30.0' - 33'	12.0' - 15'	32.0' - 35'	27.0' - 30'
	Laboratory	STLC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	A1D110171010	3039086	3039085	3039091	3040631	3042462	3042464
Constituent	Units							
Depth of Well	Ft	15.61						
Depth To Water	Ft	8.02						
Water Elevation	Ft	32.03						
Date Metals Analyzed	-	04/20/2001				11/24/1998		12/02/1998
Date Organics Analyzed	-		11/19/1998	11/19/1998	11/19/1998		11/24/1998	11/24/1998
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L					0.0047 B		0.0138 F
Arsenic (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L	0.0128						
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

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Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	ET-MW-19S	WT-GW-06D	WT-GW-06D	WT-GW-08D	WT-GW-13S	WT-GW-16D	WT-GW-19D
	Sample ID	1992852	1831515	1831514	1831525	1831536	1831547	1831549
	Sample Date	04/09/2001	11/11/1998	11/11/1998	11/12/1998	11/16/1998	11/17/1998	11/17/1998
	Sample Time	14:45	15:55	15:55	15:52	10:14	10:55	13:55
	Sample Depth	7.0' - 16.0'	28' - 32'	29.0' - 32'	30.0' - 33'	12.0' - 15'	32.0' - 35'	27.0' - 30'
	Laboratory	STLC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	A1D110171010	3039086	3039085	3039091	3040631	3042462	3042464
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l		86 J	85 J	64		970	300
Tetrachloroethylene (PCE)	ug/l						150	
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							
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Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-20D	WT-GW-20S	WT-GW-21D	WT-GW-21D	WT-GW-21S	WT-GW-22D	WT-GW-23D
	Sample ID	1831552	1831551	1831475	1831474	1831473	1831477	1831479
	Sample Date	11/18/1998	11/18/1998	11/04/1998	11/04/1998	11/04/1998	11/04/1998	11/04/1998
	Sample Time	10:00	10:00	10:20	09:50	13:30	12:00	14:15
	Sample Depth	26.5' - 30.0'	10.50' - 14.0	28.00' - 32.0	29.0' - 32'	9.0' - 12.5'	29.0' - 32'	29.0' - 32'
	Laboratory	LANC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	3043271	3043270	3035986	3035985	3035984	3035988	3035990
Constituent	Units							
Depth of Well	Ft			32.0	32.0	12.5	32.0	32
Depth To Water	Ft			9.0	9.0	9.0	9.0	15
Water Elevation	Ft							
Date Metals Analyzed	-	12/02/1998	11/29/1998	11/11/1998	11/11/1998	11/11/1998	11/16/1998	11/16/1998
Date Organics Analyzed	-	11/24/1998	11/24/1998	11/11/1998	11/11/1998		11/11/1998	11/11/1998
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L	0.0070 B		0.0104 F	0.0118 F	0.0041 B		
Arsenic (unfiltered)	mg/L							
Cadmium	mg/L		0.0124 P					
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							0.13 P
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L	0.0042 C						
Mercury (unfiltered)	mg/L							
Nickel	mg/L	3.73 P		1.58 P	1.61 P		1.6 P	9.21 P
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-20D	WT-GW-20S	WT-GW-21D	WT-GW-21D	WT-GW-21S	WT-GW-22D	WT-GW-23D
	Sample ID	1831552	1831551	1831475	1831474	1831473	1831477	1831479
	Sample Date	11/18/1998	11/18/1998	11/04/1998	11/04/1998	11/04/1998	11/04/1998	11/04/1998
	Sample Time	10:00	10:00	10:20	09:50	13:30	12:00	14:15
	Sample Depth	26.5' - 30.0'	10.50' - 14.0	28.00' - 32.0	29.0' - 32'	9.0' - 12.5'	29.0' - 32'	29.0' - 32'
	Laboratory	LANC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	3043271	3043270	3035986	3035985	3035984	3035988	3035990
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L	56		73	71		62	
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	860	86 J	680 D	660 D		760 D	100
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							63

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-24D	WT-GW-24S	WT-GW-25D	WT-GW-25S	WT-GW-32D	WT-GW-32S	WT-GW-33D
	Sample ID	1831484	1831483	1831482	1831481	1998472	1998475	2000984
	Sample Date	11/06/1998	11/06/1998	11/06/1998	11/04/1998	08/01/2001	08/01/2001	08/03/2001
	Sample Time	13:30	12:45	11:05	15:40	09:05	09:35	14:05
	Sample Depth	23.00' - 26.0	17.0' - 20'	23.00' - 26.0	16' - 19'	17' - 20'	11' - 14'	14' - 18'
	Laboratory	LANC	LANC	LANC	LANC	STLC	STLC	STLC
	Lab. Number	3035788	3035787	3035786	3035992	A1H020176004	A1H020176006	A1H060128015
Constituent	Units							
Depth of Well	Ft	26		20	19.0			
Depth To Water	Ft	16		16	16.0	12.5	12.5	
Water Elevation	Ft							
Date Metals Analyzed	-	11/11/1998		11/11/1998		08/03/2001	08/03/2001	08/10/2001
Date Organics Analyzed	-	11/12/1998	11/11/1998	11/11/1998	11/11/1998			
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L	0.0144 F		0.0155 F				0.0044
Arsenic (unfiltered)	mg/L					0.0047		
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L						0.0217	
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L	2.62 P		1.47 P				
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8

SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-24D	WT-GW-24S	WT-GW-25D	WT-GW-25S	WT-GW-32D	WT-GW-32S	WT-GW-33D
	Sample ID	1831484	1831483	1831482	1831481	1998472	1998475	2000984
	Sample Date	11/06/1998	11/06/1998	11/06/1998	11/04/1998	08/01/2001	08/01/2001	08/03/2001
	Sample Time	13:30	12:45	11:05	15:40	09:05	09:35	14:05
	Sample Depth	23.00' - 26.0	17.0' - 20'	23.00' - 26.0	16' - 19'	17' - 20'	11' - 14'	14' - 18'
	Laboratory	LANC	LANC	LANC	LANC	STLC	STLC	STLC
	Lab. Number	3035788	3035787	3035786	3035992	A1H020176004	A1H020176006	A1H060128015
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	540 DJ	53 J	290 DR	100			
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-33D	WT-GW-34S	WT-GW-35D	WT-GW-35D	WT-GW-35S	WT-GW-37S	WT-GW-38D
	Sample ID	2000984	1998459	2000987	2000987	2000988	1998482	1998476
	Sample Date	08/03/2001	07/31/2001	08/06/2001	08/06/2001	08/06/2001	08/01/2001	08/02/2001
	Sample Time	14:05	08:45	14:30	14:30	14:10	10:45	09:45
	Sample Depth	14' - 18'	11' - 14'	15.00' - 18.0	15.00' - 18.0	12.6' - 15.6'	12' - 15'	19' - 22'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H060128016	A1H010261007	A1H080223005	A1H080223006	A1H080223002	A1H020176035	A1H030191007
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft		12.25	14.00	14.00	11.6	20.5	
Water Elevation	Ft							
Date Metals Analyzed	-	08/10/2001	08/02/2001		08/17/2001		08/03/2001	08/10/2001
Date Organics Analyzed	-			08/14/2001		08/14/2001		
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L						0.0089	0.0059
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L						0.0626	
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L	0.0165	0.0128		0.0227		0.0751	
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8

SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-33D	WT-GW-34S	WT-GW-35D	WT-GW-35D	WT-GW-35S	WT-GW-37S	WT-GW-38D
	Sample ID	2000984	1998459	2000987	2000987	2000988	1998482	1998476
	Sample Date	08/03/2001	07/31/2001	08/06/2001	08/06/2001	08/06/2001	08/01/2001	08/02/2001
	Sample Time	14:05	08:45	14:30	14:30	14:10	10:45	09:45
	Sample Depth	14' - 18'	11' - 14'	15.00' - 18.0	15.00' - 18.0	12.6' - 15.6'	12' - 15'	19' - 22'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H060128016	A1H010261007	A1H080223005	A1H080223006	A1H080223002	A1H020176035	A1H030191007
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l			140 J		400		
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-38S	WT-GW-39D	WT-GW-39D	WT-GW-40D	WT-GW-40S	WT-GW-40S	WT-GW-41D
	Sample ID	1998477	1998496	1998496	2000986	2000989	2000989	2000990
	Sample Date	08/02/2001	08/02/2001	08/02/2001	08/07/2001	08/07/2001	08/07/2001	08/08/2001
	Sample Time	10:15	13:00	13:00	14:20	15:00	15:00	12:20
	Sample Depth	12' - 18'	18' - 21'	18' - 21'	14' - 18'	10' - 14'	10' - 14'	14' - 18'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H030191009	A1H030191001	A1H030191002	A1H080236002	A1H080236003	A1H080236004	A1H090276012
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft		12.5	12.5				
Water Elevation	Ft							
Date Metals Analyzed	-	08/10/2001	08/10/2001	08/10/2001	08/11/2001	08/11/2001	08/11/2001	
Date Organics Analyzed	-					08/14/2001		08/15/2001
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-		08/20/2001					
Arsenic	mg/L		0.0110			0.0043		
Arsenic (unfiltered)	mg/L	0.0067		0.0253	0.0152			
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	0.0206						
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L			0.136				
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L			0.0880				
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L	0.0543		0.303	0.0586		0.0279	
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-38S	WT-GW-39D	WT-GW-39D	WT-GW-40D	WT-GW-40S	WT-GW-40S	WT-GW-41D
	Sample ID	1998477	1998496	1998496	2000986	2000989	2000989	2000990
	Sample Date	08/02/2001	08/02/2001	08/02/2001	08/07/2001	08/07/2001	08/07/2001	08/08/2001
	Sample Time	10:15	13:00	13:00	14:20	15:00	15:00	12:20
	Sample Depth	12' - 18'	18' - 21'	18' - 21'	14' - 18'	10' - 14'	10' - 14'	14' - 18'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H030191009	A1H030191001	A1H030191002	A1H080236002	A1H080236003	A1H080236004	A1H090276012
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l		1.5 J					
Benzo(g,h,i)perylene	ug/l		1.1 J					
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l					130		850
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-41S	WT-GW-43S	WT-MW-02	WT-MW-02	WT-MW-02	WT-MW-02	WT-MW-02
	Sample ID	2000991	2010157	34389011703	890302WTMW2	31389051702	31389081716	31389120403
	Sample Date	08/08/2001	12/12/2001	01/17/1989	03/02/1989	05/17/1989	08/17/1989	12/04/1989
	Sample Time	12:50	14:00	:	12:35	12:30	16:15	13:31
	Sample Depth	10' - 14'	16' - 19'	0.00'	0.00'	0.00'	0.00'	0.00'
	Laboratory	STLC	STLC	M&E?	M&E?	M&E?	M&E?	M&E?
	Lab. Number	A1H090289004	A1L130227017	34389011703	890302WTMW2	31389051702	31389081716	31389120403
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft			12.51	11.52	11.04	10.95	11.21
Water Elevation	Ft			26.92	27.91	28.39	28.48	28.22
Date Metals Analyzed	-							
Date Organics Analyzed	-	08/15/2001						
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-		12/21/2001					
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver	mg/L				0.04			
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-41S	WT-GW-43S	WT-MW-02	WT-MW-02	WT-MW-02	WT-MW-02	WT-MW-02
	Sample ID	2000991	2010157	34389011703	890302WTMW2	31389051702	31389081716	31389120403
	Sample Date	08/08/2001	12/12/2001	01/17/1989	03/02/1989	05/17/1989	08/17/1989	12/04/1989
	Sample Time	12:50	14:00	:	12:35	12:30	16:15	13:31
	Sample Depth	10' - 14'	16' - 19'	0.00'	0.00'	0.00'	0.00'	0.00'
	Laboratory	STLC	STLC	M&E?	M&E?	M&E?	M&E?	M&E?
	Lab. Number	A1H090289004	A1L130227017	34389011703	890302WTMW2	31389051702	31389081716	31389120403
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l		1.9 J					
Benzo(g,h,i)perylene	ug/l		1.1 J					
Naphthalene	ug/L		110 E					
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L			720	830	530	339.0	
Chloroethane	ug/l					760		
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l	680						
trans-1,2-Dichloroethene	ug/l			1100	380			
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l				2600	1400		
Trichlorofluoromethane	ug/l						376.0	116.0
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							

Table 8

SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-02	WT-MW-02	WT-MW-02	WT-MW-02	WT-MW-02	WT-MW-06	WT-MW-08
	Sample ID	31390022702	38490051402	31390082704	31390111922	31391022531	37390120601	10081061192
	Sample Date	02/27/1990	05/14/1990	08/27/1990	11/19/1990	02/25/1991	12/06/1990	06/12/1992
	Sample Time	12:30	13:15	14:50	14:40	13:20	09:30	
	Sample Depth	0.00'	0.00'	0.00'	0.00'	0.00'	9.00' - 19.00	5.80' - 15.80
	Laboratory	M&E?	M&E?	M&E?	M&E?	M&E?	M&E?	CEIM
	Lab. Number	31390022702	5033533WTMW2	31390082704	31390111922	28928487	37390120601	920309-14
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft	11.02		10.94	11.25	11.30	11.64	
Water Elevation	Ft	28.41		28.49	28.18	28.13	28.15	
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Cadmium	mg/L						0.09	
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Iron	mg/L			7.6				
Lead	mg/L							.017
Lead (unfiltered)	mg/L				0.03			
Manganese	mg/L			3.86				
Manganese (unfiltered)	mg/L			4.02				
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-02	WT-MW-02	WT-MW-02	WT-MW-02	WT-MW-02	WT-MW-06	WT-MW-08
	Sample ID	31390022702	38490051402	31390082704	31390111922	31391022531	37390120601	10081061192
	Sample Date	02/27/1990	05/14/1990	08/27/1990	11/19/1990	02/25/1991	12/06/1990	06/12/1992
	Sample Time	12:30	13:15	14:50	14:40	13:20	09:30	
	Sample Depth	0.00'	0.00'	0.00'	0.00'	0.00'	9.00' - 19.00	5.80' - 15.80
	Laboratory	M&E?	M&E?	M&E?	M&E?	M&E?	M&E?	CEIM
	Lab. Number	31390022702	5033533WTMW2	31390082704	31390111922	28928487	37390120601	920309-14
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L	77.0	227.0		102	98		
Chloroethane	ug/l				103	190		
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l			101.0				
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l					190		
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l	184.0	558.0			59		
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-08	WT-MW-08	WT-MW-08	WT-MW-09I	WT-MW-09I	WT-MW-09S	WT-MW-09S
	Sample ID	10081061192	10082061192	10082061192	10092111991	1004762	10091111991	1004761
	Sample Date	06/12/1992	06/12/1992	06/12/1992	11/19/1991	11/09/1994	11/19/1991	11/09/1994
	Sample Time		:	:	:	10:45		10:15
	Sample Depth	5.80' - 15.80	5.8' - 15.8'	5.8' - 15.8'	24.0' - 34.0'	24.0' - 34.0'	7.00' - 17.00	7.00' - 17.00
	Laboratory	CEIM	CEIM	M&E?	CEIM	AEL	CEIM	AEL
	Lab. Number	920309-16	920309-15	20309-15	910646-21	AEL94010405	910646-22	AEL94010404
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-					11/15/1994		11/14/1994
Date Organics Analyzed	-					11/11/1994		
Date Physical Analyzed	-					11/21/1994		
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L	.006			0.008	0.018	0.005	0.012
Arsenic (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L					1.194		
Copper	mg/L		.79		0.50	0.529		
Copper (unfiltered)	mg/L							
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L		3.65		3.23	2.725		
Nickel (unfiltered)	mg/L							
Silver	mg/L		.02			0.011		
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-08	WT-MW-08	WT-MW-08	WT-MW-09I	WT-MW-09I	WT-MW-09S	WT-MW-09S
	Sample ID	10081061192	10082061192	10082061192	10092111991	1004762	10091111991	1004761
	Sample Date	06/12/1992	06/12/1992	06/12/1992	11/19/1991	11/09/1994	11/19/1991	11/09/1994
	Sample Time		:	:	:	10:45		10:15
	Sample Depth	5.80' - 15.80	5.8' - 15.8'	5.8' - 15.8'	24.0' - 34.0'	24.0' - 34.0'	7.00' - 17.00	7.00' - 17.00
	Laboratory	CEIM	CEIM	M&E?	CEIM	AEL	CEIM	AEL
	Lab. Number	920309-16	920309-15	20309-15	910646-21	AEL94010405	910646-22	AEL94010404
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L					0.580		
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L			100		130		
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l				2000			
cis-1,2-Dichloroethylene	ug/l					1500		
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							
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Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-15I	WT-MW-15I	WT-MW-15I	WT-MW-15S	WT-MW-15S	WT-MW-15S	WT-MW-19I
	Sample ID	1004755	1845790	1845790	1004734	1845789	1845789	1845819
	Sample Date	11/08/1994	08/30/1999	08/30/1999	11/08/1994	08/30/1999	08/30/1999	09/03/1999
	Sample Time	13:30	10:20	10:20	13:30	10:45	10:45	12:00
	Sample Depth	35.0' - 45.0'	35.0' - 45.0'	35.0' - 45.0'	0.0'	0.00'	0.00'	23.0' - 26.0'
	Laboratory	AEL	QUAN	QUAN	AEL	QUAN	QUAN	QUAN
	Lab. Number	AEL94010345	A9H310189003	A9H310189009	AEL94010340	A9H310189002	A9H310189008	A9I080204008
Constituent	Units							
Depth of Well	Ft		45.63	45.63		18.68	18.68	25.27
Depth To Water	Ft		11.45	11.45		11.39	11.39	8.53
Water Elevation	Ft		27.94	27.94		27.80	27.80	27.10
Date Metals Analyzed	-	11/15/1994	09/14/1999	09/14/1999	11/15/1994	09/14/1999	09/14/1999	09/16/1999
Date Organics Analyzed	-	11/10/1994	09/07/1999					
Date Physical Analyzed	-	11/14/1994	09/12/1999		11/18/1994			
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L		0.0064					0.0049
Arsenic (unfiltered)	mg/L							
Cadmium	mg/L				0.0327	0.0308		
Cadmium (unfiltered)	mg/L						0.0312	
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L	0.957	0.957		0.054	0.0605		
Copper (unfiltered)	mg/L			0.699			0.108	
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L	0.919	0.995		2.704	1.98		
Nickel (unfiltered)	mg/L						1.95	
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-15I	WT-MW-15I	WT-MW-15I	WT-MW-15S	WT-MW-15S	WT-MW-15S	WT-MW-19I
	Sample ID	1004755	1845790	1845790	1004734	1845789	1845789	1845819
	Sample Date	11/08/1994	08/30/1999	08/30/1999	11/08/1994	08/30/1999	08/30/1999	09/03/1999
	Sample Time	13:30	10:20	10:20	13:30	10:45	10:45	12:00
	Sample Depth	35.0' - 45.0'	35.0' - 45.0'	35.0' - 45.0'	0.0'	0.00'	0.00'	23.0' - 26.0'
	Laboratory	AEL	QUAN	QUAN	AEL	QUAN	QUAN	QUAN
	Lab. Number	AEL94010345	A9H310189003	A9H310189009	AEL94010340	A9H310189002	A9H310189008	A9I080204008
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L	0.954			0.086			
Cyanide (Total)	mg/L		0.24					
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L	100						
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	700	220					
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							
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Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-20I	WT-MW-20I	WT-MW-20I	WT-MW-20S	WT-MW-20S	WT-MW-20S	WT-MW-20S
	Sample ID	1845822	1845822	1992857	1845821	1845821	1845821	1992856
	Sample Date	09/03/1999	09/03/1999	04/10/2001	09/03/1999	09/03/1999	09/03/1999	04/10/2001
	Sample Time	13:45	13:45	13:35	13:30	13:30	13:30	13:18
	Sample Depth	31.0' - 34.0'	31.0' - 34.0'	31.00' - 34.0	7.0' - 16.0'	7.0' - 16.0'	7.0' - 16.0'	7.00' - 16.00
	Laboratory	QUAN	QUAN	STLC	AEL	QUAN	QUAN	STLC
	Lab. Number	A9I080204014	A9I080204015	A1D110171050	AEL99009658	A9I080204012	A9I080204013	A1D110171048
Constituent	Units							
Depth of Well	Ft	29.98	29.98	33.00	15.59	15.59	15.59	15.63
Depth To Water	Ft	10.02	10.02	9.67	10.19	10.19	10.19	9.63
Water Elevation	Ft	26.93	26.93	27.28	26.57	26.57	26.57	27.13
Date Metals Analyzed	-	09/16/1999	09/16/1999		09/10/1999	09/16/1999	09/16/1999	04/20/2001
Date Organics Analyzed	-	09/15/1999		04/17/2001		09/15/1999		
Date Physical Analyzed	-	09/16/1999				09/16/1999		
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L	0.0172						
Arsenic (unfiltered)	mg/L		0.0171					
Cadmium	mg/L					0.0139		0.0127
Cadmium (unfiltered)	mg/L						0.0333	
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L				0.120		0.145	
Cobalt	mg/L							
Copper	mg/L	0.317						
Copper (unfiltered)	mg/L		0.314				0.145	
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L	1.43						
Nickel (unfiltered)	mg/L		1.43					
Silver	mg/L							
Silver (unfiltered)	mg/L		0.0166				0.153	
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-20I	WT-MW-20I	WT-MW-20I	WT-MW-20S	WT-MW-20S	WT-MW-20S	WT-MW-20S
	Sample ID	1845822	1845822	1992857	1845821	1845821	1845821	1992856
	Sample Date	09/03/1999	09/03/1999	04/10/2001	09/03/1999	09/03/1999	09/03/1999	04/10/2001
	Sample Time	13:45	13:45	13:35	13:30	13:30	13:30	13:18
	Sample Depth	31.0' - 34.0'	31.0' - 34.0'	31.00' - 34.0	7.0' - 16.0'	7.0' - 16.0'	7.0' - 16.0'	7.00' - 16.00
	Laboratory	QUAN	QUAN	STLC	AEL	QUAN	QUAN	STLC
	Lab. Number	A9I080204014	A9I080204015	A1D110171050	AEL99009658	A9I080204012	A9I080204013	A1D110171048
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L	0.069				0.071		
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	630		72		73		
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-20S	WT-MW-22I	WT-MW-22I	WT-MW-22I	WT-MW-24I	WT-MW-24I	WT-MW-24I
	Sample ID	1992856	1845830	1992858	1992858	1845814	1845814	1992882
	Sample Date	04/10/2001	09/07/1999	04/10/2001	04/10/2001	09/02/1999	09/02/1999	04/11/2001
	Sample Time	13:18	11:15	14:45	14:45	15:15	15:15	12:30
	Sample Depth	7.00' - 16.00	28.0' - 31.0'	28.00' - 31.0	28.00' - 31.0	22.00' - 25.0	22.00' - 25.0	22.00' - 25.0
	Laboratory	STLC	QUAN	STLC	STLC	QUAN	QUAN	STLC
	Lab. Number	A1D110171049	A9I080236005	A1D110171052	A1D110171053	A9I080187008	A9I080187009	A1D120189022
Constituent	Units							
Depth of Well	Ft	15.63	30.20	30.25	30.25	23.95	23.95	23.93
Depth To Water	Ft	9.63	9.58	9.20	9.20	13.80	13.80	12.52
Water Elevation	Ft	27.13	28.21	28.59	28.59	24.47	24.47	25.75
Date Metals Analyzed	-	04/20/2001	09/20/1999		04/20/2001	09/16/1999	09/16/1999	04/22/2001
Date Organics Analyzed	-		09/15/1999	04/17/2001		09/15/1999		04/18/2001
Date Physical Analyzed	-					09/16/1999		04/17/2001
Date Semivolatile Organics Analyzed	-							04/19/2001
Arsenic	mg/L		0.0041			0.0198		0.0177
Arsenic (unfiltered)	mg/L				0.0042		0.0231	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	0.0128						
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L					0.424		0.439
Copper (unfiltered)	mg/L						0.494	
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L					1.35		1.46
Nickel (unfiltered)	mg/L						1.42	
Silver	mg/L							
Silver (unfiltered)	mg/L						0.0644	
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-20S	WT-MW-22I	WT-MW-22I	WT-MW-22I	WT-MW-24I	WT-MW-24I	WT-MW-24I
	Sample ID	1992856	1845830	1992858	1992858	1845814	1845814	1992882
	Sample Date	04/10/2001	09/07/1999	04/10/2001	04/10/2001	09/02/1999	09/02/1999	04/11/2001
	Sample Time	13:18	11:15	14:45	14:45	15:15	15:15	12:30
	Sample Depth	7.00' - 16.00	28.0' - 31.0'	28.00' - 31.0	28.00' - 31.0	22.00' - 25.0	22.00' - 25.0	22.00' - 25.0
	Laboratory	STLC	QUAN	STLC	STLC	QUAN	QUAN	STLC
	Lab. Number	A1D110171049	A9I080236005	A1D110171052	A1D110171053	A9I080187008	A9I080187009	A1D120189022
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L					0.22		0.12
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							41
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-*tert*-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l		1500	980		330		350
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-24I	WT-MW-24S	WT-MW-24S	WT-MW-24S	WT-MW-24S	WT-MW-25I	WT-MW-25I
	Sample ID	1992882	1845813	1845813	1992881	1992881	1845817	1845817
	Sample Date	04/11/2001	09/02/1999	09/02/1999	04/11/2001	04/11/2001	09/03/1999	09/03/1999
	Sample Time	12:30	14:40	14:40	12:30	12:30	10:25	10:25
	Sample Depth	22.00' - 25.0	9.6' - 18.6'	9.6' - 18.6'	9.60' - 18.60	9.60' - 18.60	22.0' - 25.0'	22.0' - 25.0'
	Laboratory	STLC	QUAN	QUAN	STLC	STLC	QUAN	QUAN
	Lab. Number	A1D120189023	A9I080187006	A9I080187007	A1D120189020	A1D120189021	A9I080204003	A9I080204004
Constituent	Units							
Depth of Well	Ft	23.93	18.47	18.47	18.50	18.50	24.00	24.00
Depth To Water	Ft	12.52	13.78	13.78	12.35	12.35	12.02	12.02
Water Elevation	Ft	25.75	24.31	24.31	25.74	25.74	24.66	24.66
Date Metals Analyzed	-	04/22/2001	09/16/1999	09/16/1999	04/22/2001	04/22/2001	09/16/1999	09/16/1999
Date Organics Analyzed	-						09/15/1999	
Date Physical Analyzed	-		09/16/1999				09/16/1999	
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L						0.0292	
Arsenic (unfiltered)	mg/L	0.0161						0.0301
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L		0.0923		0.0652		1.76	
Copper (unfiltered)	mg/L	0.428		0.104		0.0737		2.03
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L						0.0025	
Mercury (unfiltered)	mg/L							0.0046
Nickel	mg/L						3.23	
Nickel (unfiltered)	mg/L	1.42						3.52
Silver	mg/L							
Silver (unfiltered)	mg/L							0.0936
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-24I	WT-MW-24S	WT-MW-24S	WT-MW-24S	WT-MW-24S	WT-MW-25I	WT-MW-25I
	Sample ID	1992882	1845813	1845813	1992881	1992881	1845817	1845817
	Sample Date	04/11/2001	09/02/1999	09/02/1999	04/11/2001	04/11/2001	09/03/1999	09/03/1999
	Sample Time	12:30	14:40	14:40	12:30	12:30	10:25	10:25
	Sample Depth	22.00' - 25.0	9.6' - 18.6'	9.6' - 18.6'	9.60' - 18.60	9.60' - 18.60	22.0' - 25.0'	22.0' - 25.0'
	Laboratory	STLC	QUAN	QUAN	STLC	STLC	QUAN	QUAN
	Lab. Number	A1D120189023	A9I080187006	A9I080187007	A1D120189020	A1D120189021	A9I080204003	A9I080204004
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L		0.054				0.16	
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l						650	
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-25I	WT-MW-25I	WT-MW-25S	WT-MW-25S	WT-MW-25S	WT-MW-25S	WT-MW-29D
	Sample ID	1992879	1992879	1845816	1845816	1992880	1992880	1998513
	Sample Date	04/11/2001	04/11/2001	09/03/1999	09/03/1999	04/11/2001	04/11/2001	08/14/2001
	Sample Time	11:05	11:05	10:00	10:00	11:55	11:55	11:05
	Sample Depth	22.00' - 25.0	22.00' - 25.0	6.5' - 15.5'	6.5' - 15.5'	6.50' - 15.50	6.50' - 15.50	13.50' - 16.5
	Laboratory	STLC	STLC	QUAN	QUAN	STLC	STLC	STLC
	Lab. Number	A1D120189016	A1D120189017	A9I080204001	A9I080204002	A1D120189018	A1D120189019	A1H150222005
Constituent	Units							
Depth of Well	Ft	23.98	23.98	14.53	14.53	14.45	14.45	16.16
Depth To Water	Ft	10.95	10.95	12.03	12.03	10.51	10.51	4.60
Water Elevation	Ft	25.73	25.73	25.13	25.13	26.65	26.65	26.82
Date Metals Analyzed	-	04/22/2001	04/22/2001	09/16/1999	09/16/1999	04/22/2001	04/22/2001	08/17/2001
Date Organics Analyzed	-	04/18/2001						
Date Physical Analyzed	-	04/17/2001						
Date Semivolatile Organics Analyzed	-	04/19/2001						
Arsenic	mg/L	0.0204		0.0070		0.0050		
Arsenic (unfiltered)	mg/L		0.0209		0.0068		0.0048	0.0046
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L	1.25						
Copper (unfiltered)	mg/L		1.23					
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L				0.0230			0.0126
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L		0.0017					
Nickel	mg/L	2.68						
Nickel (unfiltered)	mg/L		2.58					
Silver	mg/L							
Silver (unfiltered)	mg/L		0.0143					
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-25I	WT-MW-25I	WT-MW-25S	WT-MW-25S	WT-MW-25S	WT-MW-25S	WT-MW-29D
	Sample ID	1992879	1992879	1845816	1845816	1992880	1992880	1998513
	Sample Date	04/11/2001	04/11/2001	09/03/1999	09/03/1999	04/11/2001	04/11/2001	08/14/2001
	Sample Time	11:05	11:05	10:00	10:00	11:55	11:55	11:05
	Sample Depth	22.00' - 25.0	22.00' - 25.0	6.5' - 15.5'	6.5' - 15.5'	6.50' - 15.50	6.50' - 15.50	13.50' - 16.5
	Laboratory	STLC	STLC	QUAN	QUAN	STLC	STLC	STLC
	Lab. Number	A1D120189016	A1D120189017	A9I080204001	A9I080204002	A1D120189018	A1D120189019	A1H150222005
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L	0.17						
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l	39						
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	450						
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							
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Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-29S	WT-MW-33D	WT-MW-33S	WT-MW-34D	WT-MW-34D	WT-MW-34S	WT-MW-34S
	Sample ID	1998512	1998525	1998524	1992865	1998521	1992866	1998522
	Sample Date	08/14/2001	08/15/2001	08/15/2001	04/10/2001	08/15/2001	04/10/2001	08/15/2001
	Sample Time	11:30	10:55	10:41	10:05	09:35	10:15	09:30
	Sample Depth	1.50' - 10.50	15.50' - 18.5	7.00' - 16.00	15.50' - 18.5	15.50' - 18.5	7.00' - 16.00	7.00' - 16.00
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H150222003	A1H160236008	A1H160236006	A1D110171028	A1H160230003	A1D110171030	A1H160230001
Constituent	Units							
Depth of Well	Ft	10.05	17.92	14.95	18.09	18.15	15.04	15.30
Depth To Water	Ft	4.43	11.39	10.30	10.42	10.85	10.25	10.65
Water Elevation	Ft	26.79	20.01	21.04	23.16	22.73	23.33	22.93
Date Metals Analyzed	-	08/17/2001						
Date Organics Analyzed	-				04/13/2001	08/21/2001	04/13/2001	08/21/2001
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-		08/27/2001	08/27/2001				
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0049						
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L	0.0209						
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-29S	WT-MW-33D	WT-MW-33S	WT-MW-34D	WT-MW-34D	WT-MW-34S	WT-MW-34S
	Sample ID	1998512	1998525	1998524	1992865	1998521	1992866	1998522
	Sample Date	08/14/2001	08/15/2001	08/15/2001	04/10/2001	08/15/2001	04/10/2001	08/15/2001
	Sample Time	11:30	10:55	10:41	10:05	09:35	10:15	09:30
	Sample Depth	1.50' - 10.50	15.50' - 18.5	7.00' - 16.00	15.50' - 18.5	15.50' - 18.5	7.00' - 16.00	7.00' - 16.00
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H150222003	A1H160236008	A1H160236006	A1D110171028	A1H160230003	A1D110171030	A1H160230001
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l		13	27				
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l				270	700	150	210
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-36D	WT-MW-36D	WT-MW-38D	WT-MW-38D	WT-MW-38S	WT-MW-39	WT-MW-40
	Sample ID	2000997	2000997	1998515	1998515	1998514	1998519	2215739
	Sample Date	08/15/2001	08/15/2001	08/14/2001	08/14/2001	08/14/2001	08/14/2001	03/28/2003
	Sample Time	01:53	01:53	13:30	13:30	13:35	14:21	13:40
	Sample Depth	32.3' - 35.3'	32.3' - 35.3'	17.50' - 20.5	17.50' - 20.5	8.00' - 17.00	9.00' - 18.00	10.00' - 19.0
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	ACTM
	Lab. Number	A1H160236002	A1H160236004	A1H150229008	A1H150229009	A1H150229007	A1H150229012	M31082-1
Constituent	Units							
Depth of Well	Ft	34.52	34.52	20.38	20.38	16.52	17.56	18.61
Depth To Water	Ft	12.26	12.26	12.03	12.03	11.61	13.25	10.99
Water Elevation	Ft	23.65	23.65	20.65	20.65	20.97	20.94	21.11
Date Metals Analyzed	-		08/26/2001		08/26/2001	08/26/2001	08/26/2001	
Date Organics Analyzed	-							
Date Physical Analyzed	-	08/23/2001						
Date Semivolatile Organics Analyzed	-			08/29/2001				
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L		0.0378		0.0567		0.0138	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L		0.366		0.564			
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L		0.211		0.317		0.408	
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L		0.0660		0.923	0.0158	0.129	
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L				0.0037			
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L				2.59			

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-36D	WT-MW-36D	WT-MW-38D	WT-MW-38D	WT-MW-38S	WT-MW-39	WT-MW-40
	Sample ID	2000997	2000997	1998515	1998515	1998514	1998519	2215739
	Sample Date	08/15/2001	08/15/2001	08/14/2001	08/14/2001	08/14/2001	08/14/2001	03/28/2003
	Sample Time	01:53	01:53	13:30	13:30	13:35	14:21	13:40
	Sample Depth	32.3' - 35.3'	32.3' - 35.3'	17.50' - 20.5	17.50' - 20.5	8.00' - 17.00	9.00' - 18.00	10.00' - 19.0
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	ACTM
	Lab. Number	A1H160236002	A1H160236004	A1H150229008	A1H150229009	A1H150229007	A1H150229012	M31082-1
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L	0.058						
Benzo(b)fluoranthene	ug/l			4.8 J				
Benzo(a)pyrene	ug/l			3.7 J				
Benzo(g,h,i)perylene	ug/l			2.6 J				
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							61.5
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							
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Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-43	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45
	Sample ID	2215736	2112615	2213472	2215732	1001077	1031836	1038372
	Sample Date	03/28/2003	09/23/2002	12/23/2002	03/28/2003	06/30/2003	09/03/2003	12/03/2003
	Sample Time	11:45	14:30	10:30	09:50	10:45	11:00	12:15
	Sample Depth	3.00' - 12.00	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M31082-16	M27878-7	M29531-4A	M31082-8	M32928-14	M34194-2	M36162-6
Constituent	Units							
Depth of Well	Ft	11.89	13.66	13.6	13.69	14.44	13.67	14.04
Depth To Water	Ft	6.86	8.26	7.42	7.26	7.78	7.45	8.23
Water Elevation	Ft	24.28	27.46	28.30	28.46	27.94	28.27	27.49
Date Metals Analyzed	-		10/02/2002	12/30/2002			09/09/2003	12/10/2003
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0149	0.0050	0.0128	0.0152	0.0199	0.0170	0.0210
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-43	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45
	Sample ID	2215736	2112615	2213472	2215732	1001077	1031836	1038372
	Sample Date	03/28/2003	09/23/2002	12/23/2002	03/28/2003	06/30/2003	09/03/2003	12/03/2003
	Sample Time	11:45	14:30	10:30	09:50	10:45	11:00	12:15
	Sample Depth	3.00' - 12.00	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M31082-16	M27878-7	M29531-4A	M31082-8	M32928-14	M34194-2	M36162-6
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							
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Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-48	WT-MW-48
	Sample ID	1038387	1045069	1045089	1048184	1048197	2213471	2215730
	Sample Date	12/03/2003	03/24/2004	03/24/2004	06/08/2004	06/08/2004	12/23/2002	03/28/2003
	Sample Time	12:15	13:50	13:50	14:05	14:05	09:45	09:50
	Sample Depth	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	0.00'	0.00'
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M36162-29	M38455-12	M38455-26	M39880-10	M39880-12	M29531-1A	M31082-6
Constituent	Units							
Depth of Well	Ft	14.04	13.65	13.65	13.65	13.65	7.55	7.53
Depth To Water	Ft	8.23	7.91	7.91	7.71	7.71	2.59	2.59
Water Elevation	Ft	27.49	27.81	27.81	28.01	28.01	27.29	27.29
Date Metals Analyzed	-	12/10/2003	03/31/2004	03/31/2004	06/18/2004	06/18/2004	12/30/2002	
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0221	0.0073	0.0076	0.0229	0.0237	0.0041	0.0071
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-48	WT-MW-48
	Sample ID	1038387	1045069	1045089	1048184	1048197	2213471	2215730
	Sample Date	12/03/2003	03/24/2004	03/24/2004	06/08/2004	06/08/2004	12/23/2002	03/28/2003
	Sample Time	12:15	13:50	13:50	14:05	14:05	09:45	09:50
	Sample Depth	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	0.00'	0.00'
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M36162-29	M38455-12	M38455-26	M39880-10	M39880-12	M29531-1A	M31082-6
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							
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Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-48	WT-MW-48	WT-MW-48	WT-MW-48	WT-MW-48	WT-MW-49	WT-MW-49
	Sample ID	1001076	1031837	1038377	1045076	1048191	2213482	1001078
	Sample Date	06/30/2003	09/03/2003	12/03/2003	03/24/2004	06/08/2004	12/23/2002	06/30/2003
	Sample Time	09:45	10:20	13:45	14:45	15:50	11:20	11:30
	Sample Depth	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M32928-12	M34194-3	M36162-16	M38455-18	M39880-18	M29531-13A	M32928-16
Constituent	Units							
Depth of Well	Ft	8.35	7.60	7.95	7.54	7.50	9.84	8.00
Depth To Water	Ft	3.3	3.29	3.64	3.11	3.10	1.25	1.96
Water Elevation	Ft	26.58	26.59	26.24	26.77	26.78	27.49	26.78
Date Metals Analyzed	-		09/09/2003	12/10/2003	03/31/2004	06/18/2004	12/30/2002	
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0059	0.0094	0.0095	0.0042	0.0110	0.0047	0.0076
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-48	WT-MW-48	WT-MW-48	WT-MW-48	WT-MW-48	WT-MW-49	WT-MW-49
	Sample ID	1001076	1031837	1038377	1045076	1048191	2213482	1001078
	Sample Date	06/30/2003	09/03/2003	12/03/2003	03/24/2004	06/08/2004	12/23/2002	06/30/2003
	Sample Time	09:45	10:20	13:45	14:45	15:50	11:20	11:30
	Sample Depth	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M32928-12	M34194-3	M36162-16	M38455-18	M39880-18	M29531-13A	M32928-16
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							
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Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-49	WT-MW-49	WT-MW-49	WT-MW-49	WT-MW-50	WT-MW-50	WT-MW-50
	Sample ID	1031839	1038375	1045077	1048192	2213475	2215738	1001089
	Sample Date	09/03/2003	12/03/2003	03/24/2004	06/08/2004	12/23/2002	03/28/2003	06/30/2003
	Sample Time	12:00	13:05	13:28	15:15	14:00	12:20	13:30
	Sample Depth	0.00'	0.00'	0.00'	0.00'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M34194-5	M36162-12	M38455-20	M39880-16	M29531-3A	M31082-20	M32928-26
Constituent	Units							
Depth of Well	Ft	8.25	7.77	7.47	7.50	5.16	5.21	5.49
Depth To Water	Ft	2.44	2.30	1.55	1.55	3.25	3.28	3.66
Water Elevation	Ft	26.30	26.44	27.19	27.19	20.27	20.24	19.86
Date Metals Analyzed	-	09/09/2003	12/10/2003	03/31/2004	06/18/2004	12/30/2002		
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0101	0.0124	0.0083	0.0132	0.0154	0.0162	0.0246
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L					0.0128		
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-49	WT-MW-49	WT-MW-49	WT-MW-49	WT-MW-50	WT-MW-50	WT-MW-50
	Sample ID	1031839	1038375	1045077	1048192	2213475	2215738	1001089
	Sample Date	09/03/2003	12/03/2003	03/24/2004	06/08/2004	12/23/2002	03/28/2003	06/30/2003
	Sample Time	12:00	13:05	13:28	15:15	14:00	12:20	13:30
	Sample Depth	0.00'	0.00'	0.00'	0.00'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M34194-5	M36162-12	M38455-20	M39880-16	M29531-3A	M31082-20	M32928-26
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							
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Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-50	WT-MW-50	WT-MW-50	WT-MW-50	WT-PZ-05	WT-PZ-05	WT-PZ-05
	Sample ID	1031844	1038373	1045079	1048194	1832698	1832698	1832699
	Sample Date	09/03/2003	12/03/2003	03/24/2004	06/08/2004	12/04/1998	12/04/1998	12/04/1998
	Sample Time	14:35	14:40	10:45	17:05	16:10	16:10	13:10
	Sample Depth	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	8.0' - 17.0'	8.0' - 17.0'	8.0' - 17.0'
	Laboratory	ACTM	ACTM	ACTM	ACTM	accu	accu	accu
	Lab. Number	M34194-10	M36162-8	M38455-22	M39880-22	E42930-10	E42930-20	E42930-11
Constituent	Units							
Depth of Well	Ft	5.18	5.66	5.70	5.15	16.98	16.98	16.98
Depth To Water	Ft	2.85	3.75	4.1	3.24	9.45	9.45	9.45
Water Elevation	Ft	20.67	19.77	19.42	20.28	26.87	26.87	26.87
Date Metals Analyzed	-	09/09/2003	12/10/2003	03/31/2004	06/18/2004		12/14/1998	
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-					12/21/1998		12/21/1998
Arsenic	mg/L						0.0043	
Arsenic (unfiltered)	mg/L	0.0158	0.0147	0.0079	0.0166			
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-50	WT-MW-50	WT-MW-50	WT-MW-50	WT-PZ-05	WT-PZ-05	WT-PZ-05
	Sample ID	1031844	1038373	1045079	1048194	1832698	1832698	1832699
	Sample Date	09/03/2003	12/03/2003	03/24/2004	06/08/2004	12/04/1998	12/04/1998	12/04/1998
	Sample Time	14:35	14:40	10:45	17:05	16:10	16:10	13:10
	Sample Depth	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	8.0' - 17.0'	8.0' - 17.0'	8.0' - 17.0'
	Laboratory	ACTM	ACTM	ACTM	ACTM	accu	accu	accu
	Lab. Number	M34194-10	M36162-8	M38455-22	M39880-22	E42930-10	E42930-20	E42930-11
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l					668		681
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							
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Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-PZ-09	WT-PZ-09	WT-PZ-10				
	Sample ID	1832692	1834780	1834782				
	Sample Date	12/04/1998	02/10/1999	02/10/1999				
	Sample Time	14:00	12:55	13:40				
	Sample Depth	7.0' - 17.0'	7.0' - 17.0'	5.0' - 10.0'				
	Laboratory	accu	accu	accu				
	Lab. Number	E42930-4	E45488-3	E45488-5				
Constituent	Units							
Depth of Well	Ft	15.20	15.20	11.35				
Depth To Water	Ft	8.42	8.01	3.64				
Water Elevation	Ft	28.84	29.25	28.88				
Date Metals Analyzed	-			02/24/1999				
Date Organics Analyzed	-	12/16/1998						
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L			0.0041				
Arsenic (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Iron	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Manganese	mg/L							
Manganese (unfiltered)	mg/L							
Mercury	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							

Table 8
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - MAIN FACILITY AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF WILLOW BROOK & WILLOW POND

Loureiro Engineering Associates, Inc.

	Location ID	WT-PZ-09	WT-PZ-09	WT-PZ-10				
	Sample ID	1832692	1834780	1834782				
	Sample Date	12/04/1998	02/10/1999	02/10/1999				
	Sample Time	14:00	12:55	13:40				
	Sample Depth	7.0' - 17.0'	7.0' - 17.0'	5.0' - 10.0'				
	Laboratory	accu	accu	accu				
	Lab. Number	E42930-4	E45488-3	E45488-5				
Constituent	Units							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l	8.5	7.9					
Cyanide	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
bis(2-Ethylhexyl) Phthalate	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/l							
Methyl-tert-butyl-ether	ug/l	76						
1,1-Dichloroethylene	ug/l							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Bromomethane	ug/l							
Dichlorodifluoromethane	ug/l							
Trichlorofluoromethane	ug/l							
Methyl Isobutyl ketone (4-Methyl-2-Pentanone)	ug/l							
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Table 9
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER
MAIN FACILITY AREA - OFF-SITE RESIDENTIAL EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

	Location ID	EA-GW-54D	EA-MW-01I	EA-MW-01I	EA-MW-01I	EA-MW-01I	EA-MW-01I	EA-MW-01I
	Sample ID	1831613	18011111891	18012031892	18012061092	13022122192	18012122192	1025560
	Sample Date	12/02/1998	11/19/1991	03/18/1992	06/11/1992	12/22/1992	12/22/1992	01/23/1997
	Sample Time	14:12	:		:	:		13:25
	Sample Depth	16.5' - 20.0'	20.4' - 30.4'	20.40' - 30.4	20.4' - 30.4'	20.4' - 30.4'	20.40' - 30.4	20.40' - 30.4
	Laboratory	LANC	CEIM	CEIM	CEIM	CEIM	CEIM	AEL
	Lab. Number	3050391	910644-01	920130-03	920301-01	920568-07	920658-01	AEL97001025
Constituent	Units							
Depth of Well	Ft							29.00
Depth To Water	Ft							6.80
Water Elevation	Ft							29.12
Date Organics Analyzed	-	12/13/1998						01/31/1997
Benzene	ug/l	2100 DJ	1500	1400	2500	1100	960	340
1,2-Dichloroethane	ug/l		100	110	120	54	40	46 J1
1,1-Dichloroethylene	ug/l							
Vinyl Chloride	ug/l							
Trichloroethylene (TCE)	ug/l							
Trichloroethylene (TCE) (screening)	ug/L							

Table 9
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER
MAIN FACILITY AREA - OFF-SITE RESIDENTIAL EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

	Location ID	EA-MW-02I	EA-MW-02I	EA-MW-02I	EA-MW-02I	EA-MW-02I	EA-MW-02I	EA-MW-02I
	Sample ID	18022111891	13012031892	18022031892	18022061092	13011121892	18022121892	1025578
	Sample Date	11/19/1991	03/18/1992	03/18/1992	06/11/1992	12/18/1992	12/18/1992	01/27/1997
	Sample Time	:	:		:	:		15:10
	Sample Depth	28.4' - 38.4'	28.4' - 38.4'	28.40' - 38.4	28.4' - 38.4'	28.4' - 38.4'	28.40' - 38.4	28.4' - 38.4'
	Laboratory	CEIM	CEIM	CEIM	CEIM	CEIM	CEIM	AEL
	Lab. Number	910644-02	920130-01	920130-05	920301-02	920654-14	920654-01	AEL97001173
Constituent	Units							
Depth of Well	Ft							37.81
Depth To Water	Ft					7.18	7.70	7.63
Water Elevation	Ft					29.46	28.94	29.01
Date Organics Analyzed	-							02/09/1997
Benzene	ug/l	2600	3800	4000	5700	5000	4200	270 J1
1,2-Dichloroethane	ug/l		140					
1,1-Dichloroethylene	ug/l							
Vinyl Chloride	ug/l							
Trichloroethylene (TCE)	ug/l							
Trichloroethylene (TCE) (screening)	ug/L							

Table 9
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER
MAIN FACILITY AREA - OFF-SITE RESIDENTIAL EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

	Location ID	EA-MW-02I	EA-MW-11I	EA-MW-11I	EG-GW-31	EG-MW-03	PH-MW-11I	WT-GW-07S
	Sample ID	1831633	18112122192	1845804	1831534	1831624	15112061192	1831499
	Sample Date	12/04/1998	12/22/1992	09/01/1999	11/12/1998	12/04/1998	06/12/1992	11/10/1998
	Sample Time	15:40		11:45	14:00	11:05	:	10:05
	Sample Depth	28.4' - 38.4'	24.00' - 34.0	24.0' - 34.0'	13.0' - 16'	14.4' - 24.4'	23.6' - 33.6'	17.0' - 20'
	Laboratory	LANC	CEIM	QUAN	LANC	LANC	M&E?	LANC
	Lab. Number	3052788	920658-04	A9I020183005	3040060	3052779	20309-11	3037219
Constituent	Units							
Depth of Well	Ft	37.75		33.50		23.78		
Depth To Water	Ft	7.74	8.34	9.72		10.92		
Water Elevation	Ft	28.90	29.04	27.66		27.57		
Date Organics Analyzed	-	12/11/1998		09/10/1999	11/20/1998	12/11/1998		11/18/1998
Benzene	ug/l	5200 D	9400	280				
1,2-Dichloroethane	ug/l	75	290					
1,1-Dichloroethylene	ug/l				26	3 J	6	2 J
Vinyl Chloride	ug/l							
Trichloroethylene (TCE)	ug/l				250			
Trichloroethylene (TCE) (screening)	ug/L							

Table 9
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER
MAIN FACILITY AREA - OFF-SITE RESIDENTIAL EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-31D	WT-GW-31S	WT-GW-32S	WT-GW-32S	WT-GW-33D	WT-GW-33S	WT-GW-34S
	Sample ID	2000982	2000983	1998475	2000942	2000984	2000985	1998459
	Sample Date	08/03/2001	08/03/2001	08/01/2001	08/07/2001	08/03/2001	08/03/2001	07/31/2001
	Sample Time	13:00	13:40	09:35	13:35	14:05	14:45	08:45
	Sample Depth	14' - 18'	10' - 14'	11' - 14'	10' - 14'	14' - 18'	10' - 13'	11' - 14'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H080137007	A1H080137009	A1H020176005	A1H080236005	A1H060128015	A1H060128017	A1H010261006
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft			12.5				12.25
Water Elevation	Ft							
Date Organics Analyzed	-	08/14/2001	08/14/2001	08/08/2001	08/14/2001	08/11/2001	08/11/2001	08/06/2001
Benzene	ug/l							
1,2-Dichloroethane	ug/l							
1,1-Dichloroethylene	ug/l	52	21	36	31	30	81	64
Vinyl Chloride	ug/l				20	3.2		
Trichloroethylene (TCE)	ug/l							
Trichloroethylene (TCE) (screening)	ug/L							

Table 9
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER
MAIN FACILITY AREA - OFF-SITE RESIDENTIAL EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-35D	WT-GW-35S	WT-GW-36S	WT-GW-39S	WT-GW-39S	WT-GW-40D	WT-GW-40S
	Sample ID	2000987	2000988	1998464	1998497	2000944	2000986	2000989
	Sample Date	08/06/2001	08/06/2001	07/31/2001	08/02/2001	08/07/2001	08/07/2001	08/07/2001
	Sample Time	14:30	14:10	13:45	13:30	15:30	14:20	15:00
	Sample Depth	15.00' - 18.0	12.6' - 15.6'	11' - 14'	13' - 16'	12' - 16'	14' - 18'	10' - 14'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	LEA
	Lab. Number	A1H080223005	A1H080223002	A1H010261003	A1H030191003	A1H080236007	A1H080236001	35052-0591
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft	14.00	11.6	12				
Water Elevation	Ft							
Date Organics Analyzed	-	08/14/2001	08/14/2001	08/06/2001	08/10/2001	08/14/2001	08/14/2001	08/08/2001
Benzene	ug/l							
1,2-Dichloroethane	ug/l							
1,1-Dichloroethylene	ug/l	140 J	400	20	46	2.3	56	
Vinyl Chloride	ug/l							
Trichloroethylene (TCE)	ug/l	270	610					
Trichloroethylene (TCE) (screening)	ug/L							241 E

Table 9
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER
MAIN FACILITY AREA - OFF-SITE RESIDENTIAL EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-40S	WT-GW-41D	WT-GW-41D	WT-GW-41S	WT-GW-41S	WT-GW-42	WT-GW-42
	Sample ID	2000989	2000990	2000990	2000991	2000991	2000923	2000924
	Sample Date	08/07/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/07/2001	08/07/2001
	Sample Time	15:00	12:20	12:20	12:50	12:50	09:25	09:40
	Sample Depth	10' - 14'	14' - 18'	14' - 18'	10' - 14'	10' - 14'	11' - 12'	12' - 13'
	Laboratory	STLC	LEA	STLC	LEA	STLC	LEA	LEA
	Lab. Number	A1H080236003	35052-0613	A1H090276012	35052-0614	A1H090289004	35052-0592	35052-0593
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Organics Analyzed	-	08/14/2001	08/09/2001	08/15/2001	08/09/2001	08/15/2001	08/08/2001	08/08/2001
Benzene	ug/l							
1,2-Dichloroethane	ug/l							
1,1-Dichloroethylene	ug/l	130		850		680		
Vinyl Chloride	ug/l							
Trichloroethylene (TCE)	ug/l	260		1300		1100		
Trichloroethylene (TCE) (screening)	ug/L		452 E		460 E		343 E	444 E

Table 9
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER
MAIN FACILITY AREA - OFF-SITE RESIDENTIAL EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-42	WT-GW-42	WT-GW-42	WT-GW-42	WT-GW-43S	WT-GW-44D	WT-GW-44D
	Sample ID	2000925	2000927	2000928	2000929	2010157	2010173	2010174
	Sample Date	08/07/2001	08/07/2001	08/07/2001	08/07/2001	12/12/2001	12/21/2001	12/21/2001
	Sample Time	09:50	10:14	10:19	10:35	14:00	11:00	11:00
	Sample Depth	13' - 14'	15' - 16'	16' - 17'	17' - 18'	16' - 19'	20' - 24'	20' - 24'
	Laboratory	LEA	LEA	LEA	LEA	STLC	STLC	STLC
	Lab. Number	35052-0594	35052-0596	35052-0597	35052-0598	A1L130227017	A1L220124002	A1L220124004
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft						14.85	14.85
Water Elevation	Ft							
Date Organics Analyzed	-	08/08/2001	08/08/2001	08/08/2001	08/08/2001	12/19/2001	12/28/2001	12/28/2001
Benzene	ug/l							
1,2-Dichloroethane	ug/l							
1,1-Dichloroethylene	ug/l					36 J	73	71
Vinyl Chloride	ug/l							
Trichloroethylene (TCE)	ug/l							
Trichloroethylene (TCE) (screening)	ug/L	332 E	515 E	532 E	317 E			

Table 9
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER
MAIN FACILITY AREA - OFF-SITE RESIDENTIAL EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-44S	WT-GW-45D	WT-GW-45S	WT-MW-34D	WT-MW-34D	WT-MW-34S	WT-MW-34S
	Sample ID	2010158	2010168	2010167	1992865	1998521	1992866	1998522
	Sample Date	12/13/2001	12/14/2001	12/14/2001	04/10/2001	08/15/2001	04/10/2001	08/15/2001
	Sample Time	09:50	10:50	09:30	10:05	09:35	10:15	09:30
	Sample Depth		19' - 22'	16' - 19'	15.50' - 18.5	15.50' - 18.5	7.00' - 16.00	7.00' - 16.00
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1L150107002	A1L150184003	A1L150184001	A1D110171028	A1H160230003	A1D110171030	A1H160230001
Constituent	Units							
Depth of Well	Ft				18.09	18.15	15.04	15.30
Depth To Water	Ft				10.42	10.85	10.25	10.65
Water Elevation	Ft				23.16	22.73	23.33	22.93
Date Organics Analyzed	-	12/21/2001	12/21/2001	12/21/2001	04/13/2001	08/21/2001	04/13/2001	08/21/2001
Benzene	ug/l							
1,2-Dichloroethane	ug/l							
1,1-Dichloroethylene	ug/l	36 J	22	35	270	700	150	210
Vinyl Chloride	ug/l							
Trichloroethylene (TCE)	ug/l				410	1200	320	480
Trichloroethylene (TCE) (screening)	ug/L							

Table 9
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER
MAIN FACILITY AREA - OFF-SITE RESIDENTIAL EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-50	WT-MW-50	WT-MW-50	WT-MW-50	WT-MW-50	WT-MW-50	WT-MW-50
	Sample ID	2213475	2215738	1001089	1031844	1038373	1045079	1048194
	Sample Date	12/23/2002	03/28/2003	06/30/2003	09/03/2003	12/03/2003	03/24/2004	06/08/2004
	Sample Time	14:00	12:20	13:30	14:35	14:40	10:45	17:05
	Sample Depth	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M29531-3	M31082-19	M32928-25	M34194-10	M36162-7	M38455-21	M39880-21
Constituent	Units							
Depth of Well	Ft	5.16	5.21	5.49	5.18	5.66	5.70	5.15
Depth To Water	Ft	3.25	3.28	3.66	2.85	3.75	4.1	3.24
Water Elevation	Ft	20.27	20.24	19.86	20.67	19.77	19.42	20.28
Date Organics Analyzed	-	12/31/2002			09/10/2003	12/09/2003	03/30/2004	06/17/2004
Benzene	ug/l							
1,2-Dichloroethane	ug/l							
1,1-Dichloroethylene	ug/l	3.8	6.1	8.5	2.1	8.5	31.5	24.2
Vinyl Chloride	ug/l		2.2				2.9	4.5
Trichloroethylene (TCE)	ug/l							
Trichloroethylene (TCE) (screening)	ug/L							

Table 9
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER
MAIN FACILITY AREA - OFF-SITE RESIDENTIAL EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

	Location ID	WT-PZ-12						
	Sample ID	1832697						
	Sample Date	12/04/1998						
	Sample Time	15:35						
	Sample Depth	5.0' - 10.0'						
	Laboratory	accu						
	Lab. Number	E42930-9						
Constituent	Units							
Depth of Well	Ft	9.67						
Depth To Water	Ft	4.85						
Water Elevation	Ft	27.81						
Date Organics Analyzed	-	12/18/1998						
Benzene	ug/l							
1,2-Dichloroethane	ug/l							
1,1-Dichloroethylene	ug/l	1.2 J						
Vinyl Chloride	ug/l							
Trichloroethylene (TCE)	ug/l							
Trichloroethylene (TCE) (screening)	ug/L							

Table 10
SUMMARY OF INDOOR AIR SAMPLING AND ANALYTICAL INFORMATION
MAIN FACILITY AREA

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
EH-RSK-AS-01	1831373	10/29/1998		VS		X						
EH-RSK-AS-02	1831374	10/29/1998		VS		x						
EH-RSK-AS-03	1831375	10/29/1998		VS		X						
EH-RSK-AS-03	1831382	10/29/1998		VS		X						
EH-RSK-AS-04	1831376	10/29/1998		VS		X						
EH-RSK-AS-05	1831377	10/29/1998		VS		X						
EH-RSK-AS-06	1831378	10/29/1998		VS		X						
EH-RSK-AS-07	1831379	10/29/1998		VS		X						
EH-RSK-AS-08	1831380	10/29/1998		VS		X						
EH-RSK-AS-09	1831381	10/29/1998		VS		X						
EH-RSK-AS-10	1051099	07/30/2004		VS	X	X						
EH-RSK-AS-11	1051104	07/30/2004		VS	X	X						
EH-RSK-AS-12	1051103	07/30/2004		VS	X	X						
EH-RSK-AS-13	1051101	07/30/2004		VS	X	X						
EH-RSK-AS-13	1051102	07/30/2004		VS	X	X						
EH-RSK-AS-14	1051106	07/30/2004		VS	X	X						
EH-RSK-AS-15	1051105	07/30/2004		VS	X	X						
EH-RSK-AS-16	1051100	07/30/2004		VS	X	X						
EH-RSK-AS-17	1051115	07/30/2004		VS		X						
EH-RSK-AS-AA	1051098	07/30/2004		VS	X	X						

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 11
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-4 CRITERIA IN INDOOR AIR
MAIN FACILITY AREA

Loureiro Engineering Associates, Inc.

	Location ID	EH-RSK-AS-03	EH-RSK-AS-AA	EH-RSK-AS-AA				
	Sample ID	1831382	1051098	1051098				
	Sample Date	10/29/1998	07/30/2004	07/30/2004				
	Sample Time	18:14	08:27	08:27				
	Laboratory	CIGN	ACTD	ACTM				
	Lab. Number	CIGNA1831382	N73853-16	N73853-16				
Constituent	Units							
Date Organics Analyzed	-		08/07/2004					
Benzene	ug/m3	11	33.5	33.5				

Table 12
SUMMARY OF SURFACE SOIL SAMPLING AND ANALYTICAL INFORMATION
MAIN FACILITY AREA

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
AB-VEW-01	D1210-B-3-1	11/19/1993	0.5 - 2	SB	X							
AB-VEW-02	D1210-B-4-1	11/19/1993	0.5 - 2	SB	X							
AB-VEW-03	D1210-B-5-1	11/19/1993	0.5 - 2	SB	X							
AB-VP-01S/D	D1210-B-1-1	11/18/1993	0.5 - 1.5	SB	x							
AB-VP-02S/D	D1210-B-2-1	11/18/1993	0.5 - 2	SB	X							
CB-SB-03	1019922	10/18/1996	0.2 - 0.5	SB		t					t	T
CB-SB-03	1019923	10/18/1996	0.5 - 2	SB		t					T	T
CB-SB-04	1019925	10/18/1996	0.2 - 0.5	SB		t					T	T
CB-SB-04	1019926	10/18/1996	0.5 - 2	SB		t					T	T
CB-SB-05	1019928	10/18/1996	0.2 - 0.5	SB		t					T	T
CB-SB-05	1019929	10/18/1996	0.5 - 2	SB		t					t	T
CB-SB-06	1631387	04/08/1997	0 - 1	SB		X	x		x	X	XS	
CB-SB-07	1631391	04/08/1997	0 - 1	SB		x	x		x	X	XS	
CWTP-EU1-1	1003749	09/19/1994	0 - 2	SB	X	X	X	x	X	X	X	x
CWTP-EU1-2	1003755	09/19/1994	0 - 2	SB	X	X			x	X	X	X
CWTP-EU4-1	1003776	09/20/1994	0 - 2	SB	x							
CWTP-EU4-2	1003781	09/20/1994	0 - 2	SB	x							
CWTP-EU5-1	1003763	09/20/1994	0 - 2	SB	X							
CWTP-EU8-1	1003769	09/20/1994	0 - 2	SB	X							
CWTP-EU8-2	1003743	09/19/1994	0 - 2	SB	X	X	x	x	x		X	x
CWTP-EU9-1	1003794	09/20/1994	0 - 2	SB	x	X	x	x	x	X	X	x
CWTP-SB-12	1000066	07/28/1993	0.5 - 2.5	SB	x							
CWTP-SB-14	1000073	07/28/1993	0.5 - 2.5	SB	x							
CWTP-SB-15	1000079	07/28/1993	0.5 - 2.5	SB	x							
CWTP-SB-16	1000109	07/28/1993	0.5 - 2.5	SB	X	X	X	x	X		X	X
CWTP-SB-17	1000115	07/28/1993	0.5 - 2.5	SB	X	X	X	x	x		X	x
CWTP-SB-17	1000120	07/28/1993	0.5 - 2.5	SB		X	X	x	x		X	x
DB-SB-01	1845242	08/13/1999	0 - 2	SB		x			x		X T	
DB-SB-03	1946749	11/18/1999	0 - 2	SB		x			X		X T	x
DB-SB-08	1946813	12/01/1999	0 - 2	SB		X					X T	x
DB-SB-10	1950353	01/12/2000	0 - 2	SB		X			X	X	X T	
DB-SB-13	1950368	01/12/2000	0 - 2	SB		x			x	X	X T	

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
DB-SB-17	1964914	04/28/2000	0 - 2	SB		x			x	X	X T	
DB-SB-20	1964924	04/28/2000	0 - 2	SB		X			X	X	X T	
DB-SB-20B	1965337	05/11/2000	0 - 2	SB		X						X
DB-SB-21	2012294	03/01/2002	0 - 2	SB		X			X	X	X t	
DB-SB-22	2012491	03/06/2002	0 - 2	SB		x			x	X	X T	
DB-SB-23	2012494	03/06/2002	0 - 2	SB		x			x	X	X T	
DB-SS-01	1966730	06/01/2000		SS						X		
DB-SS-01	1966731	06/01/2000		SS						X		
DB-SS-01	1966732	06/01/2000		SS						X		
DB-SS-01	1966733	06/01/2000		SS						x		
DB-SS-01	1966734	06/01/2000		SS						x		
DB-SS-01	1966735	06/01/2000		SS						X		
DB-TP-01-01	1966324	05/18/2000		SS		x				X	S	Sx
DB-TP-01-02	1966325	05/18/2000		SS		x				X	S	Sx
DB-TP-01-03	1966326	05/18/2000		SS		x				X	s	Sx
DB-TP-01-04	1966327	05/18/2000		SS		X	X			X	S	Sx
DB-TP-01-05	1966328	05/18/2000		SS		x				X	S	Sx
EA-SB-07	2213968	01/21/2003	0 - 2	SB	x				x	X	X T	
EA-SB-09	1003368	07/11/2003	0.0 - 0.5	SB		x			x	X	X T	
EB-B-04	EB-B-04--5	10/08/1992		SB	X							
EB-B-04	EB-B-04-01	10/08/1992	0.5 - 2.5	SB	X						X	X
EB-B-05	EB-B-05-01	10/15/1992	0.5 - 2.5	SB	X				X		X	X
EB-B-06	EB-B-06-01	10/13/1992	0.5 - 2.5	SB	X				x		X	x
EB-B-07	EB-B-07-01	10/12/1992	0.5 - 2.5	SB	X	X			x		X	x
EB-B-08	EB-	10/21/1992		SB	X	X			x		X	X
EB-SB-02	2213086	12/13/2002	0 - 2	SB	x				x	X	X	
EG-SB-01	1639906	07/31/1997	0 - 2	SB	x							
EG-SB-02	1639910	07/31/1997	0 - 2	SB	X	x				x	Xs	
EG-SB-03	1639914	07/31/1997	0 - 2	SB	X							
EG-SB-09	1001145	06/17/2003	0 - 2	SB		x			x	X	X T	
EG-SB-10	1001146	06/17/2003	0 - 2	SB		x			x	X	X T	
EH-RSK-SS-01	1656331	03/18/1998		SS		X	X		X	X	X	

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EH-RSK-SS-02	1656332	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-03	1656333	03/18/1998		SS		X	X		X	X	X	
EH-RSK-SS-04	1656334	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-05	1656335	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-06	1656336	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-06	1656337	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-07	1656338	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-08	1656339	03/18/1998		SS		x	X		x	x	X	
EH-RSK-SS-09	1656340	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-10	1656341	03/18/1998		SS		X	X		X	X	X	
ET-MW-10I	071050511937	05/11/1993		SB		x						
ET-MW-10I	07109051193	05/11/1993		SB							X t	X
ET-MW-11	071150511937	05/11/1993		SB		x						
ET-MW-11	07119051193	05/11/1993		SB							X t	X
ET-MW-12I	071250512937	05/12/1993		SB		x						
ET-MW-12I	07129051293	05/12/1993		SB							X t	X
ET-MW-13	1646299	11/05/1997	0 - 2	SB	X						X	
ET-MW-14	1646315	11/05/1997	0 - 2	SB	x						X	
ET-MW-15	1646306	11/05/1997	0 - 2	SB	X						X	
ET-MW-17	1649039	11/25/1997	0 - 2	SB	x						X	
ET-MW-18D	1976498	12/05/2000	0 - 2	SB	x							
ET-MW-19D	1976517	12/05/2000	0 - 2	SB	x							
ET-MW-20D	1976479	12/04/2000	0 - 2	SB	x							
ET-MW-21	2000969	08/13/2001	0 - 2	SB	x							
ET-SB-01	1646274	10/29/1997	0 - 2	SB	x						X	
ET-SB-02	1649031	11/25/1997	0 - 2	SB	x						X	
ET-SB-03	1646323	11/05/1997	0 - 2	SB	x						X	
ET-SB-04	1646291	10/29/1997	0 - 2	SB	x						X	
ET-SB-05	1646282	10/29/1997	0 - 2	SB	X						X	
ET-SB-06	1646339	11/06/1997	0 - 2	SB	x						X	
ET-SB-07	1646347	11/06/1997	0 - 2	SB	x						X	
ET-SB-08	1649014	11/24/1997	0 - 2	SB	x						X	

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ET-SB-11	1648997	11/24/1997	0 - 2	SB	x						X	
ET-SB-12	1649006	11/24/1997	0.4 - 2.4	SB	x						X	
ET-SB-13	1649023	11/25/1997	0 - 2	SB	x						X	
ET-SB-14	1971783	10/13/2000	0 - 2	SB		x			x	X	X T	
ET-SB-15	1971784	10/13/2000	0 - 2	SB		x			x	X	X T	
ET-SB-17	2009172	11/02/2001	0 - 2	SB		X			x	x	X	
ET-SB-18	2009173	11/02/2001	0 - 2	SB		X			x	x	X	
ET-SB-19	2009174	11/02/2001	0 - 2	SB		X			x	X	X	
ET-SB-20	2009175	11/02/2001	0 - 2	SB		X			x	X	X	
ET-SB-21	2009176	11/02/2001	0 - 2	SB		X			x	X	X	
ET-SB-22	2104326	06/07/2002	0 - 2	SB	x							
ET-SB-24	2104341	06/07/2002	0 - 2	SB	x							
ET-SB-25	2105565	06/07/2002	0 - 2	SB	x	x	x		x	x	X	x
ET-SB-26	2104332	06/07/2002	0 - 2	SB	x							
ET-SB-28	2105581	06/07/2002	0 - 2	SB	x	X	x		x	x	X	x
ET-SB-29	2105559	06/07/2002	0 - 2	SB	x							
ET-SB-34	2105289	06/10/2002	0 - 2	SB	x	X	X		x	X	X	x
ET-SB-36	2105299	06/10/2002	0 - 2	SB	x	X	x		x	x	X	x
ET-SB-37	2105638	06/10/2002	0 - 2	SB		X	x		x	x	X	x
ET-SB-39	2105642	06/10/2002	0 - 2	SB	x	X	x		x	X	X	x
ET-SB-41	2105650	06/10/2002	0 - 2	SB	x	X	x		x	x	X	x
ET-SB-42	2105307	06/10/2002	0 - 2	SB	x	X	x		x	X	X	x
ET-SB-42	2105308	06/10/2002	0 - 2	SB	x							
ET-SB-44	2105385	06/13/2002	0 - 2	SB	x							
ET-SB-45	2105658	06/13/2002	0 - 2	SB	x	X	X		x	x	X	x
ET-SB-46	2105389	06/13/2002	0 - 2	SB	x	X	x		x	x	X	x
ET-SB-48	2105393	06/13/2002	0 - 2	SB	x	X	x		x	X	X	x
ET-SB-49	2105670	06/13/2002	0 - 2	SB	x	X	x		x	X	X	x
ET-SB-51	2105674	06/13/2002	0 - 2	SB	x	X	x		x	X	X	x
ET-SB-52	2105397	06/13/2002	0 - 2	SB	x							
ET-SB-53	2105678	06/13/2002	0 - 2	SB	x							
ET-SB-53	2105679	06/13/2002	0 - 2	SB	x	X	x		x	X	X	x

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Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
ET-SB-54	1001147	06/17/2003	0 - 2	SB		x			x	X	X T	
ET-SB-55	1001161	06/17/2003	0 - 2	SB		x			x	X	X T	
ET-SB-56	1035374	09/22/2003	0.2 - 0.5	SB		x			x	X	X T	
HB-MW-02	2107641	07/10/2002	0 - 2	SB	x	X			x	x	X	x
HB-MW-02	2107642	07/10/2002	0 - 2	SB	x	X			x	x	X	x
HB-MW-03	2107661	07/11/2002	0 - 2.3	SB	x	X			x	x	X	X
HB-SB-07	1970434	09/29/2000	0 - 2	SB		X			X	X	X T	
HB-SB-10	1973851	11/03/2000	0 - 2	SB		x			x	x	X T	
HB-SB-11	1973853	11/03/2000	0 - 2	SB		x			x	X	X t	
HB-SB-12	1974138	11/07/2000	0 - 2	SB		x			x	X	X t	
HB-SB-15	2107623	07/10/2002	0 - 2	SB	x							
HB-SB-17	2107635	07/10/2002	0 - 2	SB	x							
HB-SB-19	2107648	07/10/2002	0 - 4	SB	x	X			X	X	X	x
HB-SB-20	2107652	07/10/2002	0 - 2	SB	x							
HB-SB-21	2107616	07/09/2002	0 - 2	SB	x	X			x	x	X	x
HB-SB-23	2107667	07/11/2002	0 - 2	SB	x							
HB-SB-24	2107673	07/11/2002	0 - 4	SB	x	X			x	x	X	X
HB-SB-26	2107675	07/11/2002	0 - 2	SB	x	X			X	x	X	x
HB-SB-27	2107683	07/15/2002	0 - 2	SB	X	X			x	x	X	x
HB-SB-28	2107688	07/15/2002	0 - 2	SB	x							
HB-SB-29	2107693	07/15/2002	0 - 2	SB	X	X			x	x	X	x
HB-SB-30	2107698	07/15/2002	0 - 2	SB	x							
HB-SB-31	2216036	04/14/2003	0 - 0.5	SB					x			
HB-SB-31	2216037	04/14/2003	0.5 - 2	SB		x	X		x	x	X	x
HB-SB-32	2216045	04/14/2003	0 - 0.5	SB					x			
HB-SB-32	2216046	04/14/2003	0.5 - 2	SB		x	x		x	x	X	x
HB-SB-33	2216054	04/14/2003	0 - 0.5	SB					x			
HB-SB-33	2216055	04/14/2003	0.5 - 2	SB		x	x		x	X	X	x
HB-SB-34	2216062	04/15/2003	0 - 0.5	SB	x				x			
HB-SB-34	2216063	04/15/2003	0.5 - 2	SB	X	x	x		x	X	X	x
HB-SB-35	2216071	04/15/2003	0 - 0.5	SB	x				x			
HB-SB-35	2216072	04/15/2003	0.5 - 2	SB	x	x	x		x	x	X	x

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HB-SB-36	2216080	04/15/2003	0 - 0.5	SB	x				x			
HB-SB-36	2216081	04/15/2003	0.5 - 2	SB	x	x	x		x	X	X	x
HB-SB-37	2216089	04/16/2003	0 - 0.5	SB					x			
HB-SB-37	2216090	04/16/2003	0.5 - 2	SB		X	x		x	x	X	x
HB-SB-38	2216098	04/16/2003	0 - 0.5	SB					X			
HB-SB-39	2216102	04/16/2003	0 - 0.5	SB					X			
HB-SB-40	2216104	04/16/2003	0 - 0.5	SB					X			
HB-SB-41	2216107	04/16/2003	0 - 0.5	SB					X			
HB-SB-41	2216108	04/16/2003	0.5 - 2	SB		X	X		X	X	X	x
HB-SB-44	1036506	10/29/2003	0.5 - 2.0	SB		X	X		x	X	X t	
HB-SB-45	1036507	10/29/2003	0.5 - 2.0	SB		X	X		X	X	X T	
HB-SB-46	1036508	10/29/2003	0.5 - 2.0	SB		X	X		x	X	X T	
HB-SB-47	1036509	10/29/2003	0.5 - 2.0	SB		X	x		x	x	X T	
HB-SB-48	1036510	10/29/2003	0.5 - 2.0	SB		X	x		x	X	X T	
HFB-B1	HFB-1	01/18/1993	0 - 2	SB	x	x					X	
HFB-B2	HFB-7	01/18/1993	0 - 2	SB	x							
HFB-B3	HFB-29	01/18/1993	0 - 2	SB	x							
HFB-B4	HFB-24	01/18/1993	0 - 2	SB	x							
HFB-B5	HFB-19	01/18/1993	0 - 2	SB	x							
HFB-B6	HFB-34	01/18/1993	0 - 2	SB	x							
LB-SB-08	1846277	09/10/1999	0 - 2	SB		x			x		X t	
LB-SB-09	1846288	09/10/1999	0 - 2	SB		X			x		X T	
LB-SB-11	1846323	09/13/1999	0 - 2	SB		x			x		X T	
LB-SB-12	1846327	09/13/1999	0 - 2	SB		x			x		X T	
LB-SB-13	1848202	10/15/1999	0 - 2	SB		x			x	X	X t	
LB-SB-14	1848206	10/15/1999	0 - 2	SB		x			x	X	X t	
LB-SB-15	1848210	10/15/1999	0 - 2	SB		x			x	x		
LB-SB-17	1975344	11/28/2000	0 - 2	SB		x			x	x	X t	
LB-SB-19	2213966	01/21/2003	0 - 2	SB	X				x	X	X T	
LB-SB-29	1003366	07/11/2003	0.0 - 1	SB		X			x	X	X T	
LM-SB-04	1001162	06/17/2003	0.3 - 2.0	SB		X			x	X	X T	
LM-SB-05	1001150	06/17/2003	0 - 2	SB		x			x	X	X T	

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LM-SB-06	1001163	06/17/2003	0.3 - 2.0	SB		x			x	X	X T	
MW-LF-1	m500431-6500	05/23/2000	0 - 2	SB		x	x	x	x	x	X	
MW-SFP-1D	m500407-6415	05/22/2000	0 - 2	SB				x	x			
MW-SFP-1D	m600254-6415	05/22/2000	0 - 2	SB					x			
MW-SFP-2D	m500407-6403	05/22/2000	0 - 2	SB				x	x			
MW-SFP-2D	m500407-6409	05/22/2000	0 - 2	SB				x	x			
MW-SFP-2D	m600254-6403	05/22/2000	0 - 2	SB					x			
MW-SFP-2D	m600254-6409	05/22/2000	0 - 2	SB					x			
MW-SFP-3D	m500407-6411	05/22/2000	0 - 2	SB				x	x			
MW-SFP-3D	m600254-6411	05/22/2000	0 - 2	SB					x			
MW-WB-1	m500431-6519	05/23/2000	0 - 2	SB				x	x			
MW-WB-2	m500431-6496	05/23/2000	0 - 2	SB		x	x	x	x	x	X	
MW-WB-3	m500431-6497	05/23/2000	0 - 2	SB				x	x			
MW-WL-1	m500407-6445	05/22/2000	0 - 2	SB				x	X			
MW-WL-3	m500407-6442	05/22/2000	0 - 2	SB				x	x			
NB-B-16-2	011650712932	07/12/1993		SB							X	
PH-SB-08	1846654	09/24/1999	0 - 2	SB		X			X		X	
ST-SB-01	1971763	10/13/2000	0 - 2	SB		x			x	X	X t	
ST-SB-02	1971765	10/13/2000	0 - 2	SB		x			x	X	X T	
ST-SB-03	1971766	10/13/2000	0 - 2	SB		x			x	X	X T	
ST-SB-04	1971767	10/13/2000	0 - 2	SB		x			x	X	X T	
ST-SB-05	1971773	11/03/2000	0 - 2	SB		x			X	X	X T	
WT-B3	WT-B3-1	11/26/1990	0.5 - 6.0	SB		x T	x t	x	X		X T	x
WT-B4	WT-B4-1	11/26/1990	0.5 - 2.5	SB		X t	t	x			T	
WT-B5A	WT-B5A-1	11/28/1990	0 - 4	SB		X	x	x	x		X	X
WT-B-20	WT-B-20-01	06/01/1992	0.5 - 2.5	SB		X T			X		X T	x
WT-B-21	WT-B-21 COMP	06/04/1992		SB		X			x		X T	x
WT-B-23	WT-B-23-01	10/13/1992	0.5 - 1.5	SB	X							
WT-B-25	WT-B-25-01	06/05/1992	0.5 - 1.5	SB	X	X			X		X	
WT-B-26	wt-b-26-14	06/05/1992		SB	X							
WT-B-26	WT-B-26-01	06/05/1992	0.5 - 2.5	SB	X							
WT-B-27	WT-	06/08/1992		SB	X	x t			x		X T	x

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/14/2004

Table 12
SUMMARY OF SURFACE SOIL SAMPLING AND ANALYTICAL INFORMATION
MAIN FACILITY AREA

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
WT-GW-31S	1998361	07/30/2001	0 - 2	SB	x							
WT-GW-31S	1998349	08/03/2001	0 - 2	SB	x							
WT-GW-32S	1998387	07/31/2001	0 - 2	SB	x							
WT-GW-33S	1998448	08/03/2001	0 - 2	SB	x							
WT-GW-34S	1998363	07/30/2001	0 - 2	SB	x							
WT-GW-35S	2000909	08/06/2001	0 - 2	SB	X							
WT-GW-36S	1998374	07/31/2001	0 - 2	SB	x							
WT-GW-37S	1998321	07/31/2001	0 - 2	SB	x							
WT-GW-38S	1998332	08/01/2001	0 - 2	SB	x							
WT-GW-39S	1998421	08/02/2001	0 - 2	SB	x							
WT-GW-40S	2000918	08/07/2001	0 - 2	SB	x							
WT-GW-41S	2000939	08/08/2001	0 - 2	SB	X							
WT-GW-43D	2010114	12/12/2001	0 - 2	SB	x							
WT-GW-44D	2010130	12/13/2001	0 - 2	SB	x							
WT-GW-45D	2010143	12/13/2001	0 - 2	SB	x							
WT-HB-84	1655947	03/18/1998	0 - 2	SB					X			
WT-HB-87	1655951	03/18/1998	0 - 2	SB					X			
WT-HB-87	1655952	03/18/1998	0 - 2	SB					X			
WT-MW-05D	1003807	09/20/1994	0 - 2	SB	x							
WT-MW-07D	1003839	09/22/1994	0 - 2	SB	x							
WT-MW-07S	1003986	10/06/1994	0 - 2	SB	x	X			x	x	X	x
WT-MW-14I	1003865	09/29/1994	0 - 2	SB	X							
WT-MW-14S	1003890	09/30/1994	0 - 2	SB	X							
WT-MW-15I	1003905	10/03/1994	0 - 2	SB	x							
WT-MW-15S	1003936	10/04/1994	0 - 2	SB	x							
WT-MW-16D	1003947	10/04/1994	0 - 2	SB	x							
WT-MW-16S	1003974	10/06/1994	0 - 2	SB	x							
WT-MW-29D	1976606	12/14/2000	0 - 2	SB	x							
WT-MW-30	1976588	12/14/2000	0 - 2	SB	x							
WT-MW-31	1976598	12/14/2000	0 - 2	SB	x							
WT-MW-32D	1976560	12/11/2000	0 - 2	SB	x							
WT-MW-33D	1976568	12/12/2000	0 - 2	SB	x							

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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MAIN FACILITY AREA

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
WT-MW-34D	1976556	12/13/2000	0 - 2	SB	x							
WT-MW-36D	1976619	02/15/2001	0 - 2	SB	x							
WT-MW-37	1998483	08/02/2001	0 - 2	SB	x							
WT-MW-38	1998309	07/30/2001	0 - 2	SB	x							
WT-MW-39	1998402	08/01/2001	0 - 2	SB	x							
WT-SB-01	1643326	09/17/1997	0 - 2	SB	X	x	X		x	X	X	
WT-SB-02	1643335	09/17/1997	0 - 2	SB	X	x					X	
WT-SB-03	1643343	09/17/1997	0 - 2	SB	X	x					X	
WT-SB-04	1643351	09/17/1997	0 - 2	SB	X	X					X	
WT-SB-05	1643359	09/17/1997	0 - 2	SB	X	X					X	
WT-SB-07	1643375	09/17/1997	0 - 2	SB	X	X					X	
WT-SB-08	1643383	09/17/1997	0 - 2	SB	X	X					X	
WT-SB-10	1643399	09/17/1997	0 - 2	SB	X	X	X		x	X	X	
WT-SB-143	1828955	10/16/1998	0 - 2	SB			X					
WT-SB-170	2002940	10/03/2001	0 - 2	SB					X			
WT-SB-176	2002049	11/05/2001	0 - 2	SB		x	X		X	X	X	
WT-SB-178	2104259	06/05/2002	0 - 2	SB	x							
WT-SB-179A	2111528	09/11/2002	0 - 2	SB							XST	
WT-SB-183	2105491	06/05/2002	0.0 - 2.0	SB	x	X	x		x	X	X	x
WT-SB-184	2104284	06/05/2002	0 - 2	SB		X	x		x	X	X	x
WT-SB-185	2105510	06/06/2002	0 - 2	SB	x	X	x		x	x	X	x
WT-SB-186	2105497	06/05/2002	0 - 2	SB		X	x		x	x	X	x
WT-SB-186	2105503	06/05/2002	0 - 2	SB	x	X	X		x	X	X	x
WT-SB-188	2105516	06/06/2002	0 - 1.2	SB	x	X	X		x	x	X	x
WT-SB-189	2104299	06/06/2002	0 - 2	SB	x	X	x		x	X	X	x
WT-SB-190	2104292	06/06/2002	0 - 2	SB	x	x	x		x	x	X	x
WT-SB-191	2104306	06/06/2002	0 - 2	SB	x	X	X		x	x	X	x
WT-SB-192	2105523	06/06/2002	0 - 2	SB	x	X	X		x	X	X	x
WT-SB-193	2105529	06/06/2002	0 - 1.8	SB	X	X	x		x	x	Xs	x
WT-SB-196	2105280	06/08/2002	0 - 2	SB	x	X	X		x	X	X	X
WT-SB-196	2105281	06/08/2002	0 - 2	SB	x	X	X		x	X	XS	x
WT-SB-198	2105258	06/08/2002	0 - 2	SB	x	X	X		X	X	X	x

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MAIN FACILITY AREA

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
WT-SB-211	2105457	06/04/2002	0 - 2	SB	x	x	x		x	X	X	x
WT-SB-213	2104237	06/04/2002	0 - 2	SB	x							
WT-SB-214	2105451	06/04/2002	0 - 2	SB	x	x	x		x	X	X	x
WT-SB-219	2105438	06/04/2002	0 - 2	SB	x							
WT-SB-219	2105439	06/04/2002	0 - 2	SB	x							
WT-SB-222	2104200	06/03/2002	0 - 2	SB	x							
WT-SB-223	2105432	06/04/2002	0 - 2	SB	X	X	x		x	x	X	x
WT-SB-226	2104206	06/04/2002	0 - 2	SB		x	x		x	X	X	x
WT-SB-228	2104312	06/06/2002	0 - 2	SB	x	x	x		x	x	X	x
WT-SB-236	2107143	06/29/2002	0 - 2	SB		X	Xs		X	X	X	x
WT-SB-242	2107228	07/02/2002	0 - 2	SB		X	x		x	x	X	X
WT-SB-244	2107212	07/02/2002	0 - 2	SB		X	x		x	X	X	x
WT-SB-247	2107187	07/02/2002	0 - 2	SB		X	x		x	X	X	x
WT-SB-247	2107195	07/02/2002	0 - 2	SB		X	x		x	X	X	x
WT-SB-253	2109841	08/24/2002	0 - 2	SB	x	X	X		x	X	X	x
WT-SB-265	2109427	08/16/2002	0 - 2	SB	x	x	x		x	x	X	x
WT-SB-269	2109919	08/24/2002	0 - 2	SB	x	X	X		x	X	X	x
WT-SB-278	2111526	09/06/2002	0 - 2	SB	x	X					X	
WT-SB-279	2110221	08/27/2002	0 - 2	SB	x	X	x		x	X	X	x
WT-SB-282	2111524	09/06/2002	0 - 2	SB	x	X					X	
WT-SB-283	2110307	08/28/2002	0 - 2	SB	x	X	x		x	X	X	x
WT-SB-322	2111395	09/03/2002	0 - 2	SB	x	X	x		x	X	X	x
WT-SB-326	2111415	09/04/2002	0 - 2	SB	x	X	x		x	X	X	x
WT-SB-331	2111424	09/04/2002	0 - 2	SB	x	X	x		x	X	X	x
WT-SB-333	2111442	09/04/2002	0 - 2	SB	x	x	x		x	x	X	x
WT-SB-335	2111451	09/04/2002	0 - 2	SB	x	X	x		x	x	X	x
WT-SB-338	1001160	06/17/2003	0.5 - 2.0	SB		x			x	X	X T	
WT-SB-339	1001151	06/17/2003	0 - 2	SB		x			X	X	X T	
WT-SB-340	1001164	06/18/2003	0 - 2	SB		x			X	X	X T	
WT-SB-80	1655921	03/17/1998	0 - 4	SB					x			
WT-SD-124	1999465	07/25/2001	0	SS		x z	x t	x t	x t		X T	X
WT-SD-125	1999466	07/25/2001	0	SS					X			

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MAIN FACILITY AREA

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
WT-SD-126	1999467	07/25/2001	0	SS					X			
WT-SD-127	1999468	07/25/2001	0	SS					X			
WT-SS-01	1999459	07/25/2001	0	SS					x			
WT-SS-02	1999460	07/25/2001	0	SS					x			
WT-SS-025	2002074	11/27/2001		SS					x			
WT-SS-026	2002075	11/27/2001		SS					x			
WT-SS-027	2002076	11/27/2001		SS					x			
WT-SS-028	2002077	11/27/2001		SS					x			
WT-SS-029	2002078	11/27/2001		SS					x			
WT-SS-03	1999461	08/01/2001	0	SS					X			
WT-SS-030	2002079	11/27/2001		SS					x			
WT-SS-031	2002080	11/27/2001		SS					x			
WT-SS-032	2002081	11/27/2001		SS					x			
WT-SS-033	2002082	11/28/2001		SS					x			
WT-SS-034	2002083	11/28/2001		SS					x			
WT-SS-035	2002084	11/28/2001		SS					X			
WT-SS-036	2002085	11/28/2001		SS					x			
WT-SS-037	2002086	11/29/2001		SS					X			
WT-SS-038	2002087	11/29/2001		SS					x			
WT-SS-039	2002088	11/29/2001		SS					x			
WT-SS-04	1999462	08/01/2001	0	SS					x			
WT-SS-040	2002089	11/29/2001		SS					x			
WT-SS-041	2002124	01/28/2002		SS		x	X		X	X	X	
WT-SS-042	2002125	01/28/2002		SS		x	X		X	X	X	
WT-SS-043	2002126	01/28/2002		SS		x	X		X	X	XS	
WT-SS-044	2002127	01/28/2002		SS		x	Xs		X	X	XS	
WT-SS-045	2002128	01/28/2002		SS		x	X		x	X	X	
WT-SS-046	2002129	01/28/2002		SS		x	X		X	X	X	
WT-SS-048	2002146	02/25/2002		SS					X			
WT-SS-049	2002147	02/25/2002		SS					x			
WT-SS-050	2002148	02/25/2002		SS					X			
WT-SS-051	2002149	02/25/2002		SS					X			

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MAIN FACILITY AREA

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Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
WT-SS-052	2002142	02/15/2002		SS		x	x		x	x	X	
WT-SS-053	2002157	03/14/2002	0	SS			X		X	x	X	
WT-SS-053	2002164	03/22/2002		SS		x	s					
WT-SS-054	2002165	03/22/2002		SS		x	S				S	
WT-SS-055	2002159	03/14/2002	0	SS			X		x	X	X	
WT-SS-055	2002166	03/22/2002		SS		x						
WT-SS-056	2002167	03/22/2002		SS		x	s					
WT-SS-057	2002171	04/25/2002		SS					X			
WT-SS-058	2002173	06/05/2002		SS					X			
WT-SS-17	2002941	09/26/2001		SS		x	x		x	x	X	
WT-SS-178-1	2215532	03/19/2003		SS			X					
WT-SS-178-2	2215533	03/19/2003		SS			X					
WT-SS-178-3	2215534	03/19/2003		SS			x					
WT-SS-178-4	2215535	03/19/2003		SS			X					
WT-SS-178-5	2215536	03/19/2003		SS			X					
WT-SS-178-6	2216020	04/11/2003		SS			X					
WT-SS-179-1	2215537	03/19/2003		SS		x					X	
WT-SS-179-10	2216025	04/11/2003		SS							X	
WT-SS-179-2	2215538	03/19/2003		SS		x					X	
WT-SS-179-3	2215539	03/19/2003		SS		x					XS	
WT-SS-179-4	2215540	03/19/2003		SS		X					X	
WT-SS-179-5	2215541	03/19/2003		SS		X					XS	
WT-SS-179-6	2216021	04/11/2003		SS							X	
WT-SS-179-7	2216022	04/11/2003		SS							X	
WT-SS-179-8	2216023	04/11/2003		SS							X	
WT-SS-179-9	2216024	04/11/2003		SS							X	
WT-SS-18	2002932	10/05/2001		SS		x	X		X	X	X	
WT-SS-186-1	2215542	03/19/2003		SS			x					
WT-SS-186-2	2215543	03/19/2003		SS			x					
WT-SS-186-3	2215544	03/19/2003		SS			x					
WT-SS-186-4	2215545	03/19/2003		SS			x					
WT-SS-186-5	2215546	03/19/2003		SS			X					

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MAIN FACILITY AREA

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
WT-SS-19	2002931	10/05/2001		SS		x	x		X	X	X	
WT-SS-193-1	2215547	03/19/2003		SS		X					X	
WT-SS-193-2	2215548	03/19/2003		SS		X					X	
WT-SS-193-3	2215549	03/19/2003		SS		X					X	
WT-SS-193-4	2215550	03/19/2003		SS		X					X	
WT-SS-193-5	2215551	03/19/2003		SS		X					X	
WT-SS-20	2002930	10/05/2001		SS		x	X		X	X	X	
WT-SS-21	2002038	10/19/2001		SS		x	X		x	X	X	
WT-SS-22	2002039	10/19/2001		SS		x	x		x	x	X	
WT-SS-229-1	2215557	03/19/2003		SS			x					
WT-SS-229-2	2215558	03/19/2003		SS			x					
WT-SS-229-3	2215559	03/19/2003		SS			x					
WT-SS-229-4	2215560	03/19/2003		SS			x					
WT-SS-229-5	2215561	03/19/2003		SS			x					
WT-SS-322-1	2215552	03/19/2003		SS		x	x			x		
WT-SS-322-2	2215553	03/19/2003		SS		X	x			x		
WT-SS-322-3	2215554	03/19/2003		SS		X	x			X		
WT-SS-322-4	2215555	03/19/2003		SS		X	x			X		
WT-SS-322-5	2215556	03/19/2003		SS		X	x			X		
WT-S-B-1	WT-S-B-1-1	08/01/1990	0.5 - 4.5	SB		X					X	X
WT-S-B-10	WT-S-B-10-1	08/01/1990	0 - 4	SB		x					X	X
WT-S-B-11	WT-S-B-11-1	08/01/1990	0 - 4	SB		x					X	X
WT-S-B-11	WT-S-B-11-2	08/01/1990		SB		x					X	X
WT-S-B-12	WT-S-B-12	08/01/1990	0 - 4	SB		x					X	X
WT-S-B-13	WT-S-B-13	08/01/1990	0 - 4	SB		x					X	X
WT-S-B-22	WT-S-B-22-1	08/01/1990	0.5 - 4.5	SB		X					X	X
WT-S-B-23	WT-S-B-23	08/01/1990	0.5 - 4.5	SB		X					X	x
WT-S-B-25	WT-S-B-25	08/01/1990	0.5 - 4.5	SB		X					X	x
WT-S-B-9	WT-S-B-9	08/01/1990	0 - 4	SB		x					X	X
XT-SB-02	1995557	05/03/2001	0 - 2	SB	x							
XT-SB-03	1995563	05/03/2001	0 - 2	SB	x							
XT-SB-04	1995569	05/03/2001	0 - 2	SB	x							

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Printed on 09/14/2004

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MAIN FACILITY AREA

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
XT-SB-05	1995575	05/03/2001	0 - 2	SB	x							
XT-SB-06	1995581	05/03/2001	0 - 2	SB	x							
XT-SB-07	1995589	05/04/2001	0 - 2	SB	x							
XT-SB-08	1995595	05/04/2001	0 - 2	SB	x							
XT-SB-09	1995602	05/04/2001	0 - 2	SB	x							
XT-SB-10	1995608	05/04/2001	0 - 2	SB	x							
X-415A ST WS	1641817	12/01/1997		SS						x		

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/14/2004

Table 13
SUMMARY OF SURFACE SOIL SAMPLING AND ANALYTICAL INFORMATION
MAIN FACILITY AREA - GROUNDSKEEPER EXPOSURE AREA

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
EG-SB-01	1639906	07/31/1997	0 - 2	SB	x							
EG-SB-02	1639910	07/31/1997	0 - 2	SB	X	x				x	Xs	
EG-SB-03	1639914	07/31/1997	0 - 2	SB	X							
EG-SB-09	1001145	06/17/2003	0 - 2	SB		x			x	X	X T	
EG-SB-10	1001146	06/17/2003	0 - 2	SB		x			x	X	X T	
EH-RSK-SS-01	1656331	03/18/1998		SS		X	X		X	X	X	
EH-RSK-SS-02	1656332	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-03	1656333	03/18/1998		SS		X	X		X	X	X	
EH-RSK-SS-04	1656334	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-05	1656335	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-06	1656336	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-06	1656337	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-07	1656338	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-08	1656339	03/18/1998		SS		x	X		x	x	X	
EH-RSK-SS-09	1656340	03/18/1998		SS		x	X		X	X	X	
EH-RSK-SS-10	1656341	03/18/1998		SS		X	X		X	X	X	
ET-MW-13	1646299	11/05/1997	0 - 2	SB	X						X	
ET-MW-14	1646315	11/05/1997	0 - 2	SB	x						X	
ET-MW-15	1646306	11/05/1997	0 - 2	SB	X						X	
ET-MW-17	1649039	11/25/1997	0 - 2	SB	x						X	
ET-MW-18D	1976498	12/05/2000	0 - 2	SB	x							
ET-SB-02	1649031	11/25/1997	0 - 2	SB	x						X	
ET-SB-06	1646339	11/06/1997	0 - 2	SB	x						X	
ET-SB-11	1648997	11/24/1997	0 - 2	SB	x						X	
ET-SB-13	1649023	11/25/1997	0 - 2	SB	x						X	
ET-SB-17	2009172	11/02/2001	0 - 2	SB		X			x	x	X	
ET-SB-18	2009173	11/02/2001	0 - 2	SB		X			x	x	X	
ET-SB-22	2104326	06/07/2002	0 - 2	SB	x							
LM-SB-06	1001163	06/17/2003	0.3 - 2.0	SB		x			x	X	X T	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 14
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-10 CRITERIA IN SURFACE SOIL
MAIN FACILITY AREA - GROUNDSKEEPER EXPOSURE AREA

Loureiro Engineering Associates, Inc.

	Location ID	EG-SB-02	EH-RSK-SS-01	EH-RSK-SS-09	EH-RSK-SS-10	ET-MW-14	ET-MW-15	ET-SB-11
	Sample ID	1639910	1656331	1656340	1656341	1646315	1646306	1648997
	Sample Date	07/31/1997	03/18/1998	03/18/1998	03/18/1998	11/05/1997	11/05/1997	11/24/1997
	Sample Time	10:50	09:45	11:22	11:28	13:20	11:40	10:40
	Sample Depth	0' - 2'				0' - 2'	0' - 2'	0' - 2'
	Laboratory	QUAN	LANC	LANC	LANC	QUAN	QUAN	QUAN
	Lab. Number	A7H010142005	2895725	2895734	2895736	A7K110151017	A7K110151008	A7L010135001
Constituent	Units							
Date Metals Analyzed	-	08/04/1997		03/26/1998	03/26/1998	11/19/1997	11/19/1997	12/08/1997
Date Semivolatile Organics Analyzed	-				03/27/1998			
Arsenic	mg/kg	24.8		14.5 P	11.4 P	13.4	46.0	11.9
Polychlorinated Biphenyls (PCBs) (calc.)	ug/kg		18000					
Benzo(a)pyrene	ug/kg				2800 J			

Table 14
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-10 CRITERIA IN SURFACE SOIL
MAIN FACILITY AREA - GROUNDSKEEPER EXPOSURE AREA

Loureiro Engineering Associates, Inc.

	Location ID	ET-SB-13						
	Sample ID	1649023						
	Sample Date	11/25/1997						
	Sample Time	10:25						
	Sample Depth	0' - 2'						
	Laboratory	QUAN						
	Lab. Number	A7L010134001						
Constituent	Units							
Date Metals Analyzed	-	12/08/1997						
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/kg	36.6						
Polychlorinated Biphenyls (PCBs) (calc.)	ug/kg							
Benzo(a)pyrene	ug/kg							

Table 15
SUMMARY OF SURFACE WATER SAMPLING AND ANALYTICAL INFORMATION
MAIN FACILITY AREA

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
WT-SD-06B	1838360	04/26/1999		SW		X					X	
WT-SD-09B	1838358	04/26/1999		SW		X					X	
WT-SD-09B	1838359	04/26/1999		SW		X					X	
WT-SD-114-B	1838357	04/26/1999		SW		X					X	
WT-SD-47B	1838361	04/26/1999		SW		X					X	
WT-SW-004	1995033	04/20/2001		SW					x			
WT-SW-005	1995036	04/20/2001		SW					x			
WT-SW-006	1995035	04/20/2001		SW					x			
WT-SW-007	2003002	09/11/2001		SW					X		X	X
WT-SW-01	10013112191	11/22/1991		SW		X					X	X
WT-SW-01	10013052792	05/27/1992		SW		x					X	X
WT-SW-01	10013060892	06/09/1992		SW		X					X	X
WT-SW-02	10023112191	11/22/1991		SW		X					X	X
WT-SW-02	10023060892	06/09/1992		SW		X					X	X
WT-SW-03	1654144	02/06/1998		SW					x			
WT-SW-05	1654146	02/06/1998		SW					x			

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 16
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-6 CRITERIA IN SURFACE WATER
MAIN FACILITY AREA

Loureiro Engineering Associates, Inc.

	Location ID	WT-SD-06B	WT-SD-09B	WT-SD-09B	WT-SD-09B	WT-SD-114-B	WT-SD-114-B	WT-SD-47B
	Sample ID	1838360	1838358	1838358	1838359	1838357	1838357	1838361
	Sample Date	04/26/1999	04/26/1999	04/26/1999	04/26/1999	04/26/1999	04/26/1999	04/26/1999
	Sample Time	14:25	13:10	13:10	13:10	11:15	11:15	15:00
	Laboratory	LANC	AEL	LANC	LANC	AEL	LANC	LANC
	Lab. Number	3141578	AEL99003948	3141576	3141577	AEL99003947	3141575	3141579
Constituent	Units							
Date Metals Analyzed	-		04/30/1999	05/06/1999	05/06/1999	04/30/1999	05/06/1999	
Date Organics Analyzed	-	05/09/1999		05/09/1999	05/09/1999		05/09/1999	05/09/1999
Arsenic	mg/L							
Chromium, Total	mg/L		0.015			0.013		
Copper	mg/L			0.0268	0.0262		0.0267	
Manganese	mg/L							
Silver	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
Benzene	ug/l							2 J
Chloroform	ug/l							
1,1,1-Trichloroethane	ug/l	38		35	35		23	120
1,1-Dichloroethylene	ug/l	4 J		4 J	4 J		2 J	15
cis-1,2-Dichloroethylene	ug/l	68		63	62		54	220
Vinyl Chloride	ug/l	3 J		3 J	3 J			11
Tetrachloroethylene (PCE)	ug/l	15		13	13		10	42
Trichloroethylene (TCE)	ug/l	81		74	73		59	240

Table 16
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-6 CRITERIA IN SURFACE WATER
MAIN FACILITY AREA

Loureiro Engineering Associates, Inc.

	Location ID	WT-SW-007	WT-SW-01	WT-SW-01	WT-SW-01	WT-SW-02	WT-SW-02
	Sample ID	2003002	10013112191	10013052792	10013060892	10023112191	10023060892
	Sample Date	09/11/2001	11/22/1991	05/27/1992	06/09/1992	11/22/1991	06/09/1992
	Sample Time	15:00					
	Laboratory	PREM	CEIM	CEIM	CEIM	CEIM	CEIM
	Lab. Number	E109446-1A	910652-15	920261-01	920291-16	910652-16	920291-17
Constituent	Units						
Date Metals Analyzed	-						
Date Organics Analyzed	-						
Arsenic	mg/L				.012		.016
Chromium, Total	mg/L						
Copper	mg/L				.03		
Manganese	mg/L			.12			
Silver	mg/L			.03			
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l	0.54					
Benzene	ug/l						
Chloroform	ug/l		8		8		
1,1,1-Trichloroethane	ug/l		6		10	7	10
1,1-Dichloroethylene	ug/l						
cis-1,2-Dichloroethylene	ug/l						
Vinyl Chloride	ug/l						
Tetrachloroethylene (PCE)	ug/l		7		8		
Trichloroethylene (TCE)	ug/l						

Table 17
SUMMARY OF SEDIMENT SAMPLING AND ANALYTICAL INFORMATION
MAIN FACILITY AREA

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
WT-SD-128	2002946	09/06/2001	0 - 0.6	SD					X			
WT-SD-128	2002947	09/06/2001	0.6 - 1.2	SD					X			
WT-SD-129	2002948	09/06/2001	0 - 1	SD					X			
WT-SD-130	2002949	09/10/2001	0 - 0.2	SD					X			
WT-SD-131	2002950	09/10/2001	0 - 0.3	SD					X			
WT-SD-132	2002951	09/10/2001	0 - 2	SD					X			
WT-SD-133	2002952	09/10/2001	0 - 2	SD					X			

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 18

Summary of Constituents Exceeding Table 3-3 Criteria in Groundwater
Main Facility Area Off-Site Utility Repair Worker Trench Air Evaluation

Constituent	Units	Spatial Arithmetic Mean	Table 3-3 Criteria	Exceedance of Table 3-3 Criteria
Acetone	ug/l	68.76615063	109082235	No
Benzene	ug/l	161.8598896	78743	No
Benzene,ethyl-	ug/l	8.498454259	169000	No
Chloroform	ug/l	5.324078014	1289326	No
Ethane,1,1,1-trichloro-	ug/l	26.02323344	1330000	No
Ethane,1,1-dichloro-	ug/l	6.763439716	5060000	No
Ethane,1,2-dichloro-	ug/l	6.365195036	5454546	No
Ether, Methyl tert-butyl	ug/l	34.39947826	51600	No
Ethylene,1,1-dichloro-	ug/l	18.60680851	523564	No
Ethylene,1,2-dichloro-, (E)-	ug/l	5.457710623	3500000	No
Ethylene,1,2-dichloro-, (Z)-	ug/l	6.852723735	3500000	No
Ethylene,tetrachloro-	ug/l	6.635709779	2000000	No
Ethylene,trichloro-	ug/l	43.8992429	1100000	No
Pentanone,4-methyl-2-	ug/l	9.841672727	11894850	No
Toluene	ug/l	14.51995268	526000	No
Xylene	ug/l	36.67969314	200000	No

Table 19
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information						
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
MW-SFP-1D	m600152-7212	06/07/2000	0.00	GW	x	x	x	x	x	X	
MW-SFP-2D	m600076-6993	06/05/2000	0.00	GW	x	x	x	x	x	X	
MW-SFP-3D	m600076-6995	06/05/2000	0.00	GW	X	X	x	x	x	X	
MW-WL-1	m600152-7216	06/07/2000	0.00	GW	x	x	x	x	x	X	
MW-WL-3	m600152-7213	06/07/2000	0.00	GW	x	x	x	x	x	X	
NA-MW-01	03011111491	11/15/1991	5.3 - 15.3	GW	x					X	
NA-MW-01	03011060992	06/10/1992	5.3 - 15.3	GW	x					X	
NA-MW-01	1011995	03/19/1996	5.3 - 15.3	GW	x						
NA-MW-01	1016642	08/06/1996	5.3 - 15.3	GW	x				x	X	
NA-MW-01	1016643	08/06/1996	5.3 - 15.3	GW	x				x	X	
NA-MW-01	1647387	11/20/1997	5.3 - 15.3	GW						x	
NA-MW-01	1846134	09/15/1999	5.3 - 15.3	GW	x					X	
NA-MW-02	03021111491	11/15/1991	4.8 - 14.8	GW	x					X	
NA-MW-02	03021060992	06/10/1992	4.8 - 14.8	GW	x					X	
NA-MW-02	1011996	03/19/1996	4.8 - 14.8	GW	x						
NA-MW-02	1016644	08/06/1996	4.8 - 14.8	GW	x				x	X	
NA-MW-02	1634441	06/02/1997	4.8 - 14.8	GW						X	
NA-MW-02	1647386	11/20/1997	4.8 - 14.8	GW						x	
NA-MW-02	1846138	09/17/1999	4.8 - 14.8	GW	x					x	
NA-MW-03	03031111491	11/15/1991	4.5 - 14.5	GW	x					X	
NA-MW-03	03031060992	06/10/1992	4.5 - 14.5	GW	X					X	
NA-MW-03	1011987	03/19/1996	4.5 - 14.5	GW	x						
NA-MW-03	1011988	03/19/1996	4.5 - 14.5	GW	x						
NA-MW-03	1016647	08/06/1996	4.5 - 14.5	GW	x				x	X	
NA-MW-03	1634438	06/02/1997	4.5 - 14.5	GW						X	
NA-MW-03	1634439	06/02/1997	4.5 - 14.5	GW						X	
NA-MW-03	1647384	11/20/1997	4.5 - 14.5	GW						X	
NA-MW-03	1846140	09/17/1999	4.5 - 14.5	GW	x					X	
NA-MW-03	1846141	09/17/1999	4.5 - 14.5	GW	x					X	
NA-MW-04	03041111491	11/15/1991	10.3 - 20.3	GW	x					X	
NA-MW-04	03041060992	06/10/1992	10.3 - 20.3	GW	X					X	
NA-MW-04	1011991	03/19/1996	10.3 - 20.3	GW	x						

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received, Capitalized - at least one analyte in class detected

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Table 19
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NA-MW-04	1016645	08/06/1996	10.3 - 20.3	GW		x				x	X	
NA-MW-04	1634440	06/02/1997	10.3 - 20.3	GW							X	
NA-MW-04	1647385	11/20/1997	10.3 - 20.3	GW		x				x	x	
NA-MW-04	1846139	09/17/1999	10.3 - 20.3	GW		x				x	X	
NA-MW-05	1026976	02/26/1997	2.3 - 11.3	GW		X	x			x	X	
NA-MW-05	1634443	06/02/1997	2.3 - 11.3	GW		x				x	X	
NA-MW-05	1647307	11/18/1997	2.3 - 11.3	GW		x				X		
NA-MW-05	1647327	11/19/1997	2.3 - 11.3	GW							X	
NA-MW-06	1026977	02/26/1997	2.0 - 11.0	GW		x	x			x	x	
NA-MW-06	1634442	06/02/1997	2.0 - 11.0	GW		x				x	X	
NA-MW-06	1647308	11/18/1997	2.0 - 11.0	GW		x				x		
NA-MW-06	1647328	11/19/1997	2 - 11	GW							X	
NA-MW-06	1846132	09/17/1999	2.0 - 11.0	GW		x				x	x	
NA-MW-07	1026978	02/26/1997	2.3 - 11.3	GW		x	x			x	x	
NA-MW-07	1634444	06/02/1997	2.3 - 11.3	GW		x				x	X	
NA-MW-07	1647309	11/18/1997	2.3 - 11.3	GW		x				x		
NA-MW-07	1647310	11/18/1997	2.3 - 11.3	GW		x				x		
NA-MW-07	1647329	11/19/1997	2.3 - 11.3	GW							X	
NA-MW-07	1846137	09/17/1999	2.3 - 11.3	GW		x				X	X	
NA-PZ-02	1011997	03/19/1996	5 - 10	GW		x						
NA-PZ-03	1011998	03/19/1996	5 - 10	GW		x						
NA-PZ-04	1011999	03/19/1996	5 - 10	GW		x						
NA-PZ-05	1012000	03/19/1996	5 - 10	GW		x						
NA-PZ-06	1012001	03/19/1996	5 - 10	GW		x						
NA-PZ-07	1012002	03/19/1996	5 - 10	GW		x						
NA-PZ-08	1011994	03/19/1996	5 - 10	GW		X						
NA-PZ-09	1011990	03/19/1996	5 - 10	GW		x						
NA-PZ-10	1011989	03/19/1996	5 - 10	GW		x						
NA-PZ-11	1011986	03/19/1996	5 - 10	GW		x						
NA-SB-06	1020274	10/29/1996	6.5 - 8.5	GW		X				X	X	
NA-SB-09	1020273	10/29/1996	6.5 - 8.5	GW		x				x	X	
NA-SB-102	1659293	06/16/1998	7 - 10	GW			x					

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 19
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NA-SB-103	1659294	06/16/1998	7 - 10	GW			X					
NA-SB-104	1659295	06/16/1998	7 - 10	GW			x					
NA-SB-110	449010412-10	04/12/2001	4 - 8	GW		x				x	X	
NA-SB-111	449010412-12	04/12/2001	3 - 5	GW		x				x	X	
NA-SB-113	449010412-15	04/12/2001	3 - 5	GW		x				x	X	
NA-SB-12	1020272	10/29/1996	6.5 - 8.5	GW		x				x	x	
NA-SB-15	1020270	10/29/1996	6 - 8	GW		x				x	x	
NA-SB-16	1020271	10/29/1996	6 - 8	GW		x				x	x	
NA-SB-18	1020269	10/29/1996	5.5 - 7.5	GW		x				x	x	
NA-SB-19	1026483	02/21/1997	4 - 7	GW		X	x			x	x	
NA-SB-21	1026484	02/21/1997	4 - 7	GW		X	x			X	X	
NA-SB-24	1026482	02/21/1997	4 - 7	GW		x	x			x	x	
NA-SB-29	1026487	02/21/1997	4 - 7	GW		x	X			x	X	
NA-SB-30	1026485	02/21/1997	4 - 7	GW		X	x			x	x	
NA-SB-32	1026486	02/21/1997	4 - 7	GW		X	x			x	x	
NA-SB-36	1026981	02/26/1997	5 - 8	GW		x	x			x	x	
NA-SB-38	1026982	02/26/1997	11 - 14	GW		x	x			x	X	
NA-SB-40	1026980	02/26/1997	5 - 8	GW		x	x			x	x	
NA-SB-41	1026979	02/26/1997	5 - 8	GW		x	x			x	X	
NA-SB-43	1634262	06/04/1997	4 - 7	GW							X	
NA-SB-49	1634261	06/04/1997	4 - 7	GW							X	
NA-SB-50	1634263	06/04/1997	4 - 7	GW							x	
NA-SB-51	1634264	06/04/1997	4 - 7	GW							x	
NA-SB-52	1634265	06/04/1997	5 - 8	GW							x	
NA-SB-53	1634266	06/04/1997	5 - 8	GW							X	
NA-SB-54	1634267	06/04/1997	5 - 8	GW							x	
NA-SB-55	1640105	08/05/1997	7 - 10	GW		x	x			x	X	
NA-SB-57	1640104	08/05/1997	7 - 10	GW		x	X			x	x	
NA-SB-60	1640103	08/05/1997	7 - 10	GW		x	x			x	X	
NA-SB-62	1640102	08/05/1997	7 - 10	GW		x	x			x	X	
NK-GP-01	1016949	01/01/1993	0.00	GW	X							
NK-GP-02	1016950	01/01/1993	0.00	GW	X							

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 19
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-GP-03	1016951	01/01/1993	0.00	GW	X							
NK-GP-04	1016952	01/01/1993	0.00	GW	x							
NK-GP-05	1016953	01/01/1993	0.0	GW	x							
NK-GP-06	1016954	01/01/1993	0.0	GW	x							
NK-GP-07	1016955	01/01/1993	0.0	GW	x							
NK-GP-08	1016956	01/01/1993	0.00	GW	x							
NK-GP-09	1016957	01/01/1993	0.0	GW	x							
NK-GP-10	1016958	01/01/1993	0.0	GW	x							
NK-GP-11	1016959	01/01/1993	0.00	GW	x							
NK-GP-12	1016960	01/01/1993	0.00	GW	x							
NK-GP-13	1016961	01/01/1993	0.00	GW	x							
NK-GP-14	1016962	01/01/1993	0.00	GW	x							
NK-GP-15	1016963	01/01/1993	0.00	GW	X							
NK-GP-16	1016964	01/01/1993	0.00	GW	x							
NK-GP-17	1016965	01/01/1993	0.00	GW	x							
NK-GP-18	1016966	01/01/1993	0.00	GW	X							
NK-GP-19	1016967	01/01/1993	0.00	GW	x							
NK-GP-20	1016968	01/01/1993	0.00	GW	X							
NK-GP-21	1016969	01/01/1993	0.00	GW	x							
NK-GP-22	1016970	01/01/1993	0.0	GW	x							
NK-GP-23	1016971	01/01/1993	0.00	GW	x							
NK-MW-01	CAS 1030790	03/07/1990	7.00 - 12.00	GW		x						
NK-MW-01	31390090550	09/05/1990	7.00 - 12.00	GW		x	x					X
NK-MW-01	31390112025	11/20/1990	7.00 - 12.00	GW		X	x				X f	X
NK-MW-01	31391022201	02/22/1991	7.00 - 12.00	GW		x					X f	X
NK-MW-01	1016661	08/07/1996	7.0 - 12.0	GW		x				x	X	
NK-MW-01	1634446	06/02/1997	7.0 - 12.0	GW							x	
NK-MW-01	1634448	06/03/1997	7.0 - 12.0	GW		x					x	
NK-MW-01	1647364	11/24/1997	7.0 - 12.0	GW							x	
NK-MW-01	1846161	09/23/1999	7.0 - 12.0	GW		x					X	
NK-MW-02	CAS 4030790	03/07/1990	5.00 - 10.0	GW		x						
NK-MW-02	31390090553	09/05/1990	5.0 - 10.0	GW		x	x					X

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 19
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AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information						
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-MW-02	31390112028	11/20/1990	5.0 - 10.0	GW	X	x				X f	X
NK-MW-02	31391022204	02/22/1991	5.0 - 10.0	GW	x					X f	X
NK-MW-02	1016650	08/06/1996	5.0 - 10.0	GW	x				x	X	
NK-MW-02	1634465	06/03/1997	5.0 - 10.0	GW						x	
NK-MW-02	1647335	11/19/1997	5.0 - 10.0	GW						x	
NK-MW-02	1846157	09/22/1999	5.0 - 10.0	GW	x					x	
NK-MW-04	CAS 8030790	03/07/1990	7.00 - 12.00	GW	x						
NK-MW-04	31390090557	09/05/1990	7.0 - 12.0	GW	x	x					X
NK-MW-04	31390112032	11/20/1990	7.0 - 12.0	GW	X	x					X
NK-MW-04	31391022208	02/22/1991	7.0 - 12.0	GW	x						X
NK-MW-04	30291052902	05/29/1991	7.0 - 12.0	GW	X						X
NK-MW-04	01041111391	11/14/1991	7.0 - 12.0	GW	x					X	
NK-MW-04	01041060992	06/10/1992	7.0 - 12.0	GW	x					X	
NK-MW-04	1016651	08/06/1996	7.0 - 12.0	GW	x				x	X	
NK-MW-04	1634466	06/03/1997	7.0 - 12.0	GW	x					X	
NK-MW-04	1647334	11/19/1997	7.0 - 12.0	GW	x					x	
NK-MW-04	1846156	09/22/1999	7.0 - 12.0	GW	x					X	
NK-MW-05	CAS 3030790	03/07/1990	7.0 - 12.0	GW	x						
NK-MW-05	31390090552	09/05/1990	7.0 - 12.0	GW	x	x					X
NK-MW-05	31390112027	11/20/1990	7.0 - 12.0	GW	x	x					X
NK-MW-05	31391022203	02/22/1991	7.0 - 12.0	GW	x						X
NK-MW-07S	01071111391	11/14/1991	5.0 - 12.5	GW	x					X	
NK-MW-07S	01071060992	06/10/1992	5.0 - 12.5	GW	x					X	
NK-MW-07S	1016660	08/07/1996	5.0 - 12.5	GW	x				x	x	
NK-MW-07S	1634489	06/04/1997	5.0 - 12.5	GW	x					X	
NK-MW-07S	1647390	11/20/1997	5 - 12.5	GW	X					x	
NK-MW-07S	1846167	09/23/1999	5.0 - 12.5	GW	X					x	
NK-MW-08	01081101392	10/13/1992	4.0 - 11.0	GW	x	x		x		x	
NK-MW-08	1016648	08/06/1996	4.0 - 11.0	GW	x				x	X	
NK-MW-08	1634471	06/03/1997	4.0 - 11.0	GW						x	
NK-MW-08	1647336	11/19/1997	4.0 - 11.0	GW	x					X	
NK-MW-08	1846158	09/22/1999	4.0 - 11.0	GW	x					x	

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Printed on 09/13/2004

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Sample Information					Analysis Information						
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-MW-09	01091101392	10/13/1992	4.0 - 11.0	GW	x	x		x		x	
NK-MW-09	13011101392	10/13/1992	4.0 - 11.0	GW	X	x		x		x	
NK-MW-09	1016659	08/07/1996	4.0 - 11.0	GW	x				x	X	
NK-MW-09	1634472	06/03/1997	4.0 - 11.0	GW	x					x	
NK-MW-09	1634503	06/06/1997	4.0 - 11.0	GW						x	
NK-MW-09	1647394	11/20/1997	4.5 - 9.5	GW	x					x	
NK-MW-10	01101101392	10/13/1992	3.5 - 10.5	GW	X	x		x		x	
NK-MW-10	1016649	08/06/1996	3.5 - 10.5	GW	x				x	X	
NK-MW-10	1634470	06/03/1997	3.5 - 10.5	GW	x					x	
NK-MW-10	1647395	11/20/1997	3.5 - 10.5	GW	x					x	
NK-MW-11	1016641	08/05/1996	0.0	GW	X				x	X	
NK-MW-11	1634473	06/03/1997	0.0	GW	x					x	
NK-MW-11	1647393	11/20/1997	0.0	GW	x					x	
NK-MW-11	1846159	09/22/1999	0.00	GW	x					x	
NK-MW-12	01091052593	05/25/1993	4.5 - 9.5	GW	X	x				X	
NK-MW-12	1016638	08/05/1996	4.5 - 9.5	GW	x				x	X	
NK-MW-12	1634462	06/03/1997	4.5 - 9.5	GW	x					X	
NK-MW-12	1647392	11/20/1997	4.5 - 9.5	GW	x					X	
NK-MW-12	1846166	09/23/1999	4.5 - 9.5	GW	x					x	
NK-MW-13S	01101052593	05/25/1993	5.0 - 15.0	GW	X	x				X	
NK-MW-13S	1016639	08/05/1996	5.0 - 15.0	GW	x				x	X	
NK-MW-13S	1634463	06/03/1997	5.0 - 15.0	GW	x					X	
NK-MW-13S	1647391	11/20/1997	5 - 15	GW	x					X	
NK-MW-13S	1846165	09/23/1999	5.0 - 15.0	GW	x					X	
NK-MW-14S	1016655	08/07/1996	5.00 - 10.00	GW	x				x	X	
NK-MW-14S	1016656	08/07/1996	5.00 - 10.00	GW	x				x	X	
NK-MW-14S	1634464	06/03/1997	5.0 - 10.0	GW						x	
NK-MW-14S	1647398	11/20/1997	5.00 - 10.00	GW						x	
NK-MW-14S	1846164	09/23/1999	5.0 - 10.0	GW	x					x	
NK-MW-15S	01121052593	05/25/1993	2.00 - 12.00	GW	x	x				X	
NK-MW-15S	1016662	08/07/1996	2.0 - 12.0	GW	x				x	X	
NK-MW-15S	1634449	06/03/1997	2.0 - 12.0	GW						X	

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AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-MW-15S	1647365	11/24/1997	2.0 - 12.0	GW							X	
NK-MW-16	01131052693	05/26/1993	3.5 - 13.5	GW		X	x				X	
NK-MW-16	1016652	08/06/1996	3.5 - 13.5	GW		X				x	X	
NK-MW-16	1634467	06/03/1997	3.5 - 13.5	GW							X	
NK-MW-16	1647333	11/19/1997	3.5 - 13.5	GW		X					X	
NK-MW-16	1846153	09/22/1999	3.5 - 13.5	GW		x					x	
NK-MW-17S	01141052593	05/25/1993	4.0 - 9.0	GW		X	x				X	
NK-MW-17S	01111052693	05/26/1993	5.0 - 10.0	GW		x	x				X	
NK-MW-17S	1021036	11/04/1996	4.0 - 9.0	GW		x				x	x	
NK-MW-17S	1634474	06/03/1997	4.0 - 9.0	GW		x					X	
NK-MW-17S	1634475	06/03/1997	4.0 - 9.0	GW		x					X	
NK-MW-17S	1647388	11/20/1997	4.0 - 9.0	GW		x					x	
NK-MW-17S	1846142	09/17/1999	4.0 - 9.0	GW		x					x	
NK-MW-18	1016668	08/07/1996	1.7 - 10.7	GW		x	x	x	x		x	x
NK-MW-18	1634468	06/03/1997	1.7 - 10.7	GW		X					x	
NK-MW-18	1647311	11/18/1997	1.7 - 10.7	GW		x						
NK-MW-18	1647331	11/19/1997	1.7 - 10.7	GW							X	
NK-MW-18	1846155	09/22/1999	1.7 - 10.7	GW		X					x	
NK-MW-19	1016640	08/05/1996	1.7 - 10.7	GW		x				x	X	
NK-MW-19	1634493	06/05/1997	1.7 - 10.7	GW							X	
NK-MW-19	1647330	11/19/1997	1.7 - 10.7	GW							X	
NK-MW-19	1846160	09/22/1999	1.7 - 10.7	GW		x					X	
NK-MW-3	CAS 7030790	03/07/1990	7.0 - 12.0	GW		X						
NK-MW-3	31390090556	09/05/1990	7.0 - 12.0	GW		X	x					X
NK-MW-3	31390112031	11/20/1990	7.0 - 12.0	GW		X	x					X
NK-MW-3	31391022207	02/22/1991	7.0 - 12.0	GW		X						X
NK-MW-3	30291052901	05/29/1991	7.0 - 12.0	GW		X						X
NK-MW-3	01031111391	11/14/1991	7.0 - 12.0	GW		X					X	
NK-MW-3	01031060992	06/10/1992	7.0 - 12.0	GW		X					X	
NK-MW-3	1016653	08/06/1996	7.0 - 12.0	GW		X				x	X	
NK-MW-3	1634469	06/03/1997	7.0 - 12.0	GW		x					x	
NK-MW-3	1647332	11/19/1997	7.0 - 12.0	GW							x	

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AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-MW-3	1846154	09/22/1999	7.0 - 12.0	GW		X					x	
NK-MW-6S	01061111391	11/14/1991	4.0 - 11.5	GW		x					X	
NK-MW-6S	01061060992	06/10/1992	4.0 - 11.5	GW		x					X	
NK-MW-6S	1016658	08/07/1996	4.0 - 11.5	GW		x				x	X	
NK-MW-6S	1634476	06/03/1997	4.0 - 11.5	GW							x	
NK-MW-6S	1647389	11/20/1997	4 - 11.5	GW							X	
NK-MW-6S	1846136	09/15/1999	4.0 - 11.5	GW		x					x	
NK-PZ-01	1647397	11/20/1997	0.00	GW		x				X	X	
NK-PZ-02	1647396	11/20/1997	0.00	GW		x				X	X	
NK-SB-12	1015676	07/03/1996	5 - 7	GW		x				x	X	
NK-SB-13	1015675	07/03/1996	5 - 7	GW		x				x	X	
NK-SB-14	1015674	07/03/1996	5 - 7	GW		x				x	X	
NK-SB-15	1015672	07/03/1996	5 - 7	GW		x				x	X	
NK-SB-16	1015671	07/03/1996	5 - 7	GW		x				x	X	
NK-SB-17	1015669	07/03/1996	5 - 7	GW		x				x	X	
NK-SB-18	1015677	07/09/1996	5 - 7	GW		x				x	X	
NK-SB-19	1015678	07/09/1996	5 - 7	GW		X				x	X	
NK-SB-20	1015679	07/09/1996	5 - 7	GW		X				x	X	
NK-SB-200	1018900	10/14/1996	3.5 - 8.5	GW		x	X			x		
NK-SB-204	1019262	10/15/1996	6 - 8	GW		x	x			x		
NK-SB-208	1019263	10/16/1996	7 - 9	GW							X	
NK-SB-209	1019264	10/16/1996	7 - 9	GW							X	
NK-SB-21	1018204	09/12/1996	8 - 10	GW		X				x	X	
NK-SB-210	1019265	10/16/1996	4.5 - 6.5	GW							X	
NK-SB-214	1021133	11/12/1996	5.0 - 7.0	GW		X	x			x	X	
NK-SB-215	1021130	11/11/1996	12 - 14	GW		x	x			x	X	
NK-SB-217	1021132	11/11/1996	6 - 8	GW		x	X			x	X	
NK-SB-218	1021131	11/11/1996	9.5 - 11.5	GW		x	X			x	X	
NK-SB-22	1018203	09/12/1996	9 - 11	GW		X				x	X	
NK-SB-225	1021833	12/16/1996	10.0 - 12.0	GW		X	X			X		
NK-SB-226	1021834	12/16/1996	10.0 - 12.0	GW		X	X			X		
NK-SB-227	1021835	12/16/1996	10.0 - 12.0	GW		X	x			x		

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NK-SB-229	1021832	12/16/1996	10.0 - 12.0	GW		x	x			x		
NK-SB-23	1018202	09/12/1996	9 - 11	GW		X				x	X	
NK-SB-232	1024565	01/15/1997	8.0 - 9.0	GW		x	x		x	x	X	
NK-SB-234	1024566	01/15/1997	8.0 - 10.0	GW		x	x		x	x	x	
NK-SB-236	1024567	01/15/1997	8.0 - 10.0	GW		x	x		x	x	x	
NK-SB-239	1024568	01/15/1997	8.0 - 10.0	GW		x	x		x	x	x	
NK-SB-24	1018201	09/12/1996	9 - 11	GW		X				x	X	
NK-SB-247	1025838	01/24/1997	8.0 - 9.5	GW		x						
NK-SB-248	1025839	01/24/1997	8.5 - 9.0	GW		x						
NK-SB-249	1025840	01/24/1997	8.5 - 9.0	GW		x						
NK-SB-250	1025737	01/29/1997	4.0 - 6.0	GW		x	x			x		
NK-SB-251	1025738	01/29/1997	4.0 - 6.0	GW		x	x			x		
NK-SB-252	1025739	01/29/1997	5.0 - 7.0	GW		x	x			x		
NK-SB-255	1025736	01/29/1997	5.0 - 10.0	GW		x	x			x		
NK-SB-256	1027121	03/04/1997	6 - 7	GW		x	x			x		
NK-SB-257	1027122	03/04/1997	5 - 6	GW		x	x			x		
NK-SB-258	1027123	03/04/1997	4 - 7	GW		x	x			x		
NK-SB-259	1027124	03/04/1997	5 - 6	GW		x	x			x		
NK-SB-26	1018200	09/12/1996	7 - 9	GW		X				x	X	
NK-SB-260	1027131	03/07/1997	6.0 - 7.0	GW		x	x			x		
NK-SB-261	1027132	03/07/1997	6.0 - 7.0	GW		x	x			x		
NK-SB-262	1027133	03/07/1997	6.0 - 7.0	GW		x	x			x		
NK-SB-263	1027134	03/07/1997	6.0 - 7.0	GW		x	x			x		
NK-SB-268	1027281	03/05/1997	5 - 6	GW		x	x			x	X	
NK-SB-269	1027282	03/05/1997	5 - 6	GW		x	x			x	X	
NK-SB-270	1027283	03/05/1997	5.0 - 6.0	GW		x	x			x	X	
NK-SB-271	1027284	03/05/1997	5 - 6	GW		x	x			x	X	
NK-SB-305	1634218	05/29/1997	4.0 - 6.0	GW		X						
NK-SB-305	1634219	05/29/1997	4.0 - 6.0	GW		X						
NK-SB-305	1634220	05/29/1997	10 - 12	GW		X						
NK-SB-306	1634221	05/29/1997	4.0 - 6.0	GW		X						
NK-SB-306	1634222	05/29/1997	10 - 12	GW		X						

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Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-SB-307	1634223	05/29/1997	4.0 - 6.0	GW		X						
NK-SB-307	1634224	05/29/1997	10 - 12	GW		X						
NK-SB-308	1634225	05/29/1997	5.0 - 7.0	GW		X						
NK-SB-308	1634226	05/29/1997	10 - 12	GW		x						
NK-SB-309	1634227	05/29/1997	5 - 7	GW		X						
NK-SB-309	1634228	05/29/1997	10 - 12	GW		X						
NK-SB-311	1634648	06/12/1997	8 - 12	GW		x	x			X		
NK-SB-312	1634649	06/12/1997	8 - 12	GW		X	x			x		
NK-SB-314	1634646	06/12/1997	8 - 12	GW		x	x			x		
NK-SB-315	1634613	06/06/1997	5 - 8	GW		X	x			x		
NK-SB-316	1634610	06/06/1997	5 - 8	GW		x	x			x		
NK-SB-317	1634611	06/06/1997	5 - 8	GW		x	x			X		
NK-SB-318	1634612	06/06/1997	5 - 8	GW		x	X			x		
NK-SB-319	1634647	06/12/1997	8 - 12	GW		x	x			X		
NK-SB-324	1634644	06/12/1997	8 - 12	GW		x	x			X		
NK-SB-326	1634645	06/12/1997	8 - 12	GW		x	x			x		
NK-SB-341	1638020	07/16/1997	4 - 8	GW		x					X	
NK-SB-342	1638021	07/16/1997	4 - 8	GW		x					X	
NK-SB-39	1016391	07/23/1996	5 - 7	GW		x	x			x	x	
NK-SB-46	1017205	08/13/1996	9.5 - 10.5	GW	x	x				x	X	
NK-SB-47	1017207	08/13/1996	9.5 - 10.5	GW	x	x				x	X	
NK-SB-48	1017210	08/14/1996	9.5 - 10.5	GW	x						x	
NK-SB-49	1017213	08/14/1996	9.5 - 10.5	GW	X						x	
NK-SB-50	1017215	08/15/1996	9.5 - 10.5	GW	X							
NK-SB-65	1018680	10/01/1996	6 - 8	GW							X	
NK-SB-66	1018644	10/01/1996	6 - 8	GW							X	
NK-SB-66	1018645	10/01/1996	6 - 8	GW							X	
NK-SB-67	1018643	10/01/1996	6 - 8	GW							X	
NK-SB-71	1018681	10/01/1996	6 - 8	GW							X	
NK-SB-72	1018683	10/02/1996	6 - 8	GW							X	
NK-SB-73	1018642	10/01/1996	6 - 8	GW							X	
NK-SB-74	1018673	10/03/1996	10 - 12	GW		x				x	X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 19
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-SB-79	1018674	10/03/1996	10 - 12	GW		X				x	X	
NK-SB-80	1018675	10/03/1996	10.0 - 12.0	GW		X				x	X	
NK-SB-88	1018894	10/07/1996	6 - 8	GW		x	x			x		
NK-SB-90	1018895	10/08/1996	6 - 8	GW		x	x			x		
NK-SB-91	1018896	10/08/1996	6 - 8	GW		x	x			x		
NK-SB-93	1018897	10/09/1996	6 - 8	GW		X	x			X		
NK-SB-94	1018898	10/09/1996	6 - 8	GW		x	x			X		
NK-SB-95	1018899	10/09/1996	6 - 8	GW		x	x			x		
SA-MW-05	04051060992	06/10/1992	0.00	GW		X					X	
SA-MW-05	04052060992	06/10/1992	0.00	GW		x					X	
SA-MW-1	CAS 2030790	03/07/1990	13.00 - 18.00	GW		x						
SA-MW-1	31390090551	09/05/1990	13.00 - 18.00	GW		x	x					X
SA-MW-1	31390112026	11/20/1990	13.00 - 18.00	GW		X	x				X f	X
SA-MW-1	31391022202	02/22/1991	13.00 - 18.00	GW		X					X f	X
SA-MW-1	1011985	03/19/1996	13.00 - 18.00	GW		x						
SA-MW-1	1018194	09/12/1996	13.00 - 18.00	GW		x				x	X	
SA-MW-1	1634437	06/02/1997	13.0 - 18.0	GW		x					X	
SA-MW-1	1647313	11/18/1997	13.0 - 18.0	GW		x						
SA-MW-1	1647326	11/19/1997	13 - 18	GW							X	
SA-MW-1	1846145	09/21/1999	13.0 - 18.0	GW		x					x	
SA-MW-2I	CAS11030790	03/07/1990	15.00 - 25.00	GW		X						
SA-MW-2I	31390090561	09/05/1990	15.00 - 25.00	GW		X	x					X
SA-MW-2I	31390112144	11/21/1990	15.00 - 25.00	GW		X	x					X
SA-MW-2I	31391022212	02/22/1991	15.00 - 25.00	GW		X						X
SA-MW-2I	1011983	03/19/1996	15.0 - 25.0	GW		x						
SA-MW-2I	1018191	09/12/1996	15.00 - 25.00	GW		X				X	X	
SA-MW-2I	1018192	09/12/1996	15.0 - 25.0	GW		X				X	X	
SA-MW-2I	1634496	06/05/1997	15.0 - 25.0	GW		x	x			x	X	
SA-MW-2I	1647316	11/18/1997	15.0 - 25.0	GW		x	x			x		
SA-MW-2I	1647324	11/19/1997	15.0 - 25.0	GW							X	
SA-MW-2I	1846149	09/21/1999	15.0 - 25.0	GW		x	x			x	X	
SA-MW-3	04031111491	11/15/1991	10.00 - 20.00	GW		x					X	

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SA-MW-3	04031060992	06/10/1992	10.00 - 20.00	GW	x					X	
SA-MW-3	1011984	03/19/1996	10.00 - 20.00	GW	x						
SA-MW-3	1018193	09/12/1996	10.00 - 20.00	GW	x				x	x	
SA-MW-3	1634436	06/02/1997	10.0 - 20.0	GW						X	
SA-MW-3	1647325	11/19/1997	10 - 20	GW						x	
SA-MW-3	1846146	09/21/1999	10.0 - 20.0	GW	x					x	
SA-MW-4	04041111491	11/15/1991	7.50 - 17.50	GW	x					X	
SA-MW-4	04041060992	06/10/1992	7.50 - 17.50	GW	x					X	
SA-MW-4	1011982	03/18/1996	7.50 - 17.50	GW	x						
SA-MW-4	1018190	09/12/1996	7.50 - 17.50	GW	x				X	X	
SA-MW-4	1634497	06/05/1997	7.5 - 17.5	GW		x			x	X	
SA-MW-4	1647320	11/19/1997	7.5 - 17.5	GW		x			x	x	
SA-MW-4	1654131	02/06/1998	7.5 - 17.5	GW	x	x		x	x	X	
SA-MW-4	1846150	09/21/1999	7.5 - 17.5	GW	x	x			x	X	
SA-MW-5I	04052111491	11/15/1991	13.50 - 23.50	GW	X					X	
SA-MW-5I	1018189	09/12/1996	13.50 - 23.50	GW	X				x	X	
SA-MW-5I	1634505	06/06/1997	13.5 - 23.5	GW	x					x	
SA-MW-5I	1647322	11/19/1997	13.5 - 23.5	GW	x					X	
SA-MW-5I	1647323	11/19/1997	13.5 - 23.5	GW	x					x	
SA-MW-5I	1846148	09/21/1999	13.5 - 23.5	GW	x					x	
SA-MW-5S	04051111491	11/15/1991	4.50 - 14.50	GW	x					X	
SA-MW-5S	1011981	03/18/1996	4.5 - 14.5	GW	x						
SA-MW-5S	1018188	09/12/1996	4.50 - 14.50	GW	X				x	x	
SA-MW-5S	1634504	06/06/1997	4.5 - 14.5	GW	x					x	
SA-MW-5S	1647321	11/19/1997	4.5 - 14.5	GW	x					x	
SA-MW-5S	1846147	09/21/1999	4.5 - 14.5	GW	x					X	
SA-PZ-01	1011993	03/19/1996	5.00 - 10.00	GW	x						
SA-PZ-02	1011992	03/19/1996	5.00 - 10.00	GW	x						
SA-SB-102	1635863	06/26/1997	10.5 - 14	GW	x	x		x	x	x	
SA-SB-104	1635864	06/26/1997	10.5 - 14	GW	x	x		x	x	x	
SA-SB-105	1635865	06/26/1997	10.5 - 14	GW	x	x		x	x	x	
SA-SB-107	1635866	06/27/1997	11 - 14	GW	x	x			x	x	

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Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SA-SB-109	1635867	06/27/1997	11 - 14	GW		x	x		x	x	x	
SA-SB-142	1638931	07/11/1997	4 - 9	GW		x	x		x	x		
SA-SB-144	1638932	07/11/1997	4 - 9	GW		x	x		x	x		
SA-SB-145	1638974	07/14/1997	4 - 8	GW		x	x		X	x		
SA-SB-146	1638933	07/11/1997	4 - 9	GW		x	x		x	X		
SA-SB-150	1638934	07/11/1997	4 - 9	GW		x	x		X	x		
SA-SB-153	1638973	07/14/1997	4 - 8	GW		x	x		x	x		
SA-SB-154	1638786	07/21/1997	9 - 12	GW		x	x			x		
SA-SB-158	1638787	07/21/1997	9 - 12	GW		x	x			x		
SA-SB-161	1638783	07/21/1997	8 - 11	GW		x	X			x		
SA-SB-162	1638784	07/21/1997	9 - 12	GW		x	x			x		
SA-SB-162	1638785	07/21/1997	9.0 - 12.0	GW		x	x			x		
SA-SB-163	1654122	02/06/1998	6 - 10	GW		x	x		x	x	X	
SA-SB-164	1654127	02/06/1998	6 - 10	GW		x	x		x	x	X	
SA-SB-165	1654125	02/06/1998	6 - 10	GW		x	x		x	x	X	
SA-SB-165	1654126	02/06/1998	6 - 10	GW		x	x		x	x	X	
SA-SB-166	1654128	02/06/1998	6 - 10	GW		x	X		x	x	X	
SA-SB-167	1654129	02/06/1998	6 - 10	GW		x	x		x	x	X	
SA-SB-168	1654130	02/06/1998	3.75 - 13.75	GW		x	x		x	x	X	
SA-SB-169	1654124	02/06/1998	6 - 10	GW		x	x		x	x	X	
SA-SB-170	1654123	02/06/1998	6 - 10	GW		x	x		x	x	X	
SA-SB-30	1021127	11/11/1996	10.5 - 12.5	GW		x	x			x	X	
SA-SB-34	1021129	11/11/1996	10.5 - 12.5	GW		x				x	X	
SA-SB-35	1021128	11/11/1996	10.5 - 12.5	GW		x				x	X	
SA-SB-42	1023139	12/09/1996	10 - 12	GW		x	x		x	x		
SA-SB-45	1023140	12/09/1996	10 - 12	GW		x	x		x	x		
SA-SB-47	1023138	12/09/1996	10 - 12	GW		x	x		x	x		
SA-SB-49	1023135	12/09/1996	10 - 12	GW		x	x		x	x		
SA-SB-50	1023136	12/09/1996	10 - 12	GW		X	x		x	x		
SA-SB-55	1023137	12/09/1996	10 - 12	GW		x	x		x	x		
SA-SB-66	1023132	12/06/1996	10 - 12	GW		x	x			x		
SA-SB-69	1023131	12/06/1996	10 - 12	GW		x	x			x		

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SA-SB-70	1023130	12/06/1996	10 - 12	GW		x	x			x		
SA-SB-71	1023129	12/06/1996	9 - 11	GW		x	x			x		
SA-SB-79	1023992	01/15/1997	9.0 - 11.0	GW		x	x		x	x	x	
SA-SB-82	1023995	01/15/1997	10.0 - 12.0	GW		x	x		x	x	X	
SA-SB-84	1023994	01/15/1997	10.0 - 12.0	GW		X	x		x	x	x	
SA-SB-87	1023993	01/15/1997	10.0 - 12.0	GW		x	X		x	x	X	
SA-SB-88	1635855	06/25/1997	10.5 - 14	GW		x	x		x	x	X	
SA-SB-91	1635856	06/25/1997	10.5 - 14	GW		x	x		x	x	x	
SA-SB-95	1635857	06/25/1997	10.5 - 14	GW		x	x		x	x	X	
SA-SB-97	1635860	06/26/1997	10.5 - 14	GW		x	x		x	x	x	
SA-SB-99	1635861	06/26/1997	10.5 - 14	GW		x	x		x	x	x	
SA-SB-99	1635862	06/26/1997	10.5 - 14.0	GW		x	x		x	x	x	
SK-GP-01	1016805	04/29/1993	0.00	GW	X							
SK-GP-01	1016806	05/01/1993	0.00	GW	X							
SK-GP-01	1016972	06/01/1993	0.00	GW	X							
SK-GP-01	1016973	06/01/1993	0.00	GW		X						
SK-GP-02	1016808	04/29/1993	0.00	GW	X							
SK-GP-02	1016809	05/01/1993	0.00	GW	x							
SK-GP-03	1016810	04/29/1993	0.00	GW	X							
SK-GP-03	1016811	05/01/1993	0.00	GW	X							
SK-GP-03	1016974	06/01/1993	0.00	GW	X							
SK-GP-03	1016975	06/01/1993	0.00	GW		X						
SK-GP-04	1016813	04/29/1993	0.00	GW	x							
SK-GP-05	1016814	04/29/1993	0.00	GW	x							
SK-GP-05	1016976	06/01/1993	0.00	GW	X							
SK-GP-05	1016977	06/01/1993	0.00	GW		X						
SK-GP-06	1016817	04/29/1993	0.00	GW	X							
SK-GP-06	1016818	06/01/1993	0.00	GW	X							
SK-GP-07	1016819	04/29/1993	0.00	GW	X							
SK-GP-07	1016820	05/28/1993	0.00	GW	X							
SK-GP-07	1016821	06/01/1993	0.00	GW	X							
SK-GP-08	1016822	04/29/1993	0.00	GW	X							

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SK-GP-08	1016823	05/28/1993	0.00	GW	X							
SK-GP-08	1016824	06/01/1993	0.00	GW	x							
SK-GP-09	1016825	04/29/1993	0.00	GW	X							
SK-GP-10	1016826	04/29/1993	0.00	GW	X							
SK-GP-11	1016827	04/29/1993	0.00	GW	X							
SK-GP-11	1016828	06/01/1993	0.00	GW	X							
SK-GP-12	1016829	04/29/1993	0.00	GW	X							
SK-GP-12	1016830	06/01/1993	0.00	GW	X							
SK-GP-13	1016831	04/29/1993	0.00	GW	x							
SK-GP-14	1016832	04/29/1993	0.00	GW	x							
SK-GP-15	1016833	04/29/1993	0.00	GW	x							
SK-GP-16	1016834	04/29/1993	0.00	GW	X							
SK-GP-17	1016835	04/29/1993	0.00	GW	X							
SK-GP-18	1016836	04/29/1993	9.5 - 14.5	GW	X							
SK-GP-18	1016978	06/01/1993	0.00	GW	X							
SK-GP-18	1016979	06/01/1993	0.00	GW		X						
SK-GP-18	1016837	06/01/1993	9.5 - 14.5	GW	X							
SK-GP-19	1016839	04/29/1993	0.00	GW	X							
SK-GP-19	1016840	06/01/1993	0.00	GW	X							
SK-GP-19	1016980	06/01/1993	0.00	GW	X							
SK-GP-19	1016981	06/01/1993	0.00	GW		X						
SK-GP-20	1016842	04/29/1993	0.00	GW	X							
SK-GP-21	1016843	04/29/1993	0.00	GW	X							
SK-GP-22	1016844	04/29/1993	0.00	GW	X							
SK-GP-23	1016846	04/29/1993	0.00	GW	X							
SK-GP-23	1016845	06/01/1993	0.00	GW	X							
SK-GP-24	1016847	04/29/1993	0.00	GW	X							
SK-GP-25	1016848	04/30/1993	0.00	GW	X							
SK-GP-25	1016849	06/01/1993	0.00	GW	x							
SK-GP-26	1016850	04/30/1993	0.00	GW	X							
SK-GP-26	1016851	06/01/1993	0.00	GW	x							
SK-GP-27	1016852	04/30/1993	0.00	GW	X							

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SK-GP-27	1016853	06/01/1993	0.00	GW	X							
SK-GP-27	1016854	06/01/1993	0.00	GW	X							
SK-GP-28	1016855	04/30/1993	0.00	GW	X							
SK-GP-28	1016856	06/01/1993	0.00	GW	X							
SK-GP-29	1016857	05/25/1993	3 - 5	GW	x							
SK-GP-29	1016858	05/25/1993	11 - 13	GW	X							
SK-GP-30	1016859	05/25/1993	3 - 5	GW	x							
SK-GP-30	1016860	05/25/1993	13 - 15	GW	X							
SK-GP-31	1016861	05/25/1993	6 - 8	GW	x							
SK-GP-31	1016862	05/25/1993	13 - 15	GW	X							
SK-GP-32	1016863	05/25/1993	6 - 8	GW	x							
SK-GP-32	1016864	05/25/1993	11.5 - 13.5	GW	X							
SK-GP-33	1016865	05/25/1993	6 - 8	GW	X							
SK-GP-33	1016866	05/25/1993	12 - 14	GW	X							
SK-GP-34	1016867	05/25/1993	6 - 8	GW	X							
SK-GP-34	1016868	05/25/1993	12 - 14	GW	X							
SK-GP-35	1016869	05/26/1993	6 - 8	GW	X							
SK-GP-35	1016870	05/26/1993	13 - 15	GW	X							
SK-GP-36	1016871	05/26/1993	6 - 8	GW	X							
SK-GP-36	1016872	05/26/1993	13 - 15	GW	X							
SK-GP-37	1016873	05/26/1993	6 - 8	GW	X							
SK-GP-37	1016874	05/26/1993	14 - 16	GW	X							
SK-GP-38	1016875	05/26/1993	6 - 8	GW	X							
SK-GP-38	1016876	05/26/1993	12 - 14	GW	X							
SK-GP-39	1016877	05/26/1993	6 - 8	GW	X							
SK-GP-39	1016878	05/26/1993	13 - 15	GW	X							
SK-GP-40	1016879	05/26/1993	6 - 8	GW	X							
SK-GP-40	1016880	05/26/1993	13 - 18	GW	X							
SK-GP-41	1016881	05/26/1993	6 - 8	GW	X							
SK-GP-41	1016882	05/26/1993	6 - 8	GW	X							
SK-GP-41	1016884	05/26/1993	13 - 15	GW	X							
SK-GP-41	1016982	06/01/1993	0.00	GW	X							

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SK-GP-41	1016983	06/01/1993	0.00	GW		X						
SK-GP-42	1016885	05/26/1993	6 - 8	GW	X							
SK-GP-42	1016886	05/26/1993	6 - 8	GW	X							
SK-GP-42	1016984	05/26/1993	6 - 8	GW	X							
SK-GP-42	1016985	05/26/1993	6 - 8	GW		X						
SK-GP-42	1016888	05/26/1993	12 - 14	GW	X							
SK-GP-42	1016889	05/26/1993	12 - 14	GW	X							
SK-GP-42	1016986	05/26/1993	12 - 14	GW	X							
SK-GP-42	1016987	05/26/1993	12 - 14	GW		X						
SK-GP-43	1016891	05/26/1993	6 - 8	GW	X							
SK-GP-43	1016892	05/26/1993	12.5 - 14.5	GW	X							
SK-GP-44	1016893	05/26/1993	6 - 8	GW	X							
SK-GP-44	1016894	05/26/1993	12 - 14	GW	X							
SK-GP-45	1016896	05/26/1993	6 - 8	GW	X							
SK-GP-45	1016897	05/26/1993	14 - 16	GW	X							
SK-GP-46	1016988	05/26/1993	6 - 8	GW	X							
SK-GP-46	1016989	05/26/1993	6 - 8	GW	X							
SK-GP-46	1016898	05/27/1993	6 - 8	GW	X							
SK-GP-46	1016899	05/27/1993	6 - 8	GW	X							
SK-GP-46	1016901	05/27/1993	6 - 8	GW		X						
SK-GP-46	1016902	05/27/1993	6 - 8	GW	X							
SK-GP-46	1016903	05/27/1993	13 - 15	GW	X							
SK-GP-46	1016905	05/27/1993	13 - 15	GW		X						
SK-GP-46	1016990	05/27/1993	13 - 15	GW	X							
SK-GP-46	1016991	05/27/1993	13 - 15	GW		X						
SK-GP-47	1016906	05/27/1993	6 - 8	GW	X							
SK-GP-47	1016992	05/27/1993	6 - 8	GW	X							
SK-GP-47	1016993	05/27/1993	6 - 8	GW		X						
SK-GP-47	1016908	05/27/1993	13 - 15	GW	X							
SK-GP-48	1016909	05/27/1993	7 - 9	GW	X							
SK-GP-48	1016910	05/28/1993	13 - 15	GW	X							
SK-GP-49	1016911	05/28/1993	7 - 9	GW	x							

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Printed on 09/13/2004

Table 19
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AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-GP-50	1016912	05/28/1993	7 - 9	GW	X							
SK-GP-50	1016913	05/28/1993	13 - 15	GW	X							
SK-GP-50	1016914	05/28/1993	13 - 15	GW		x						
SK-GP-50	1016994	05/28/1993	13 - 15	GW	X							
SK-GP-50	1016995	05/28/1993	13 - 15	GW		X						
SK-GP-51	1016915	05/27/1993	7 - 9	GW	x							
SK-GP-52	1016916	05/27/1993	7 - 9	GW	X							
SK-GP-52	1016917	05/27/1993	13 - 15	GW	x							
SK-GP-53	1016918	05/27/1993	7 - 9	GW	X							
SK-GP-53	1016919	05/27/1993	7 - 9	GW		x						
SK-GP-53	1016996	05/27/1993	7 - 9	GW	X							
SK-GP-53	1016997	05/27/1993	7 - 9	GW		X						
SK-GP-54	1016920	05/27/1993	7 - 9	GW	x							
SK-GP-55	1016921	05/27/1993	7 - 9	GW	x							
SK-GP-56	1016922	05/27/1993	7 - 9	GW	X							
SK-GP-57	1016923	05/27/1993	7 - 9	GW	X							
SK-GP-57	1016998	05/27/1993	7 - 9	GW	X							
SK-GP-57	1016999	05/27/1993	7 - 9	GW		X						
SK-GP-58	1016925	05/27/1993	7 - 9	GW	x							
SK-GP-59	1016926	05/27/1993	7 - 9	GW	x							
SK-GP-60	1016927	05/27/1993	7 - 9	GW	X							
SK-GP-60	1017000	05/27/1993	7 - 9	GW	X							
SK-GP-60	1017001	05/27/1993	7 - 9	GW		X						
SK-GP-61	1016929	05/28/1993	7 - 9	GW	X							
SK-GP-61	1017002	05/28/1993	7 - 9	GW	X							
SK-GP-61	1017003	05/28/1993	7 - 9	GW		X						
SK-GP-61	1016931	05/28/1993	15 - 17	GW	X							
SK-GP-61	1017004	05/28/1993	15 - 17	GW	X							
SK-GP-61	1017005	05/28/1993	15 - 17	GW		X						
SK-GP-62	1016933	05/28/1993	7 - 9	GW	x							
SK-GP-62	1016934	05/28/1993	15 - 17	GW	X							
SK-GP-63	1016935	05/28/1993	7 - 9	GW	X							

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received, Capitalized - at least one analyte in class detected

Printed on 09/13/2004

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SK-GP-63	1016936	05/28/1993	11 - 13	GW	X							
SK-GP-64	1016938	05/28/1993	7 - 9	GW	X							
SK-GP-64	1016939	05/28/1993	11 - 13	GW	x							
SK-GP-65	1016940	05/28/1993	7 - 9	GW	X							
SK-GP-65	1016941	05/28/1993	11 - 13	GW	X							
SK-GP-66	1016942	05/28/1993	7 - 9	GW	X							
SK-GP-66	1016943	05/28/1993	11 - 13	GW	X							
SK-GP-67	1016944	05/28/1993	7 - 9	GW	X							
SK-GP-67	1016945	05/28/1993	10 - 12	GW	x							
SK-GP-68	1016946	05/28/1993	4 - 6	GW	X							
SK-GP-68	1016947	05/28/1993	12 - 14	GW	X							
SK-GP-68	1017006	05/28/1993	12 - 14	GW	X							
SK-GP-68	1017007	05/28/1993	12 - 14	GW		X						
SK-MW-01	CW1900309	03/09/1990	8.00 - 13.00	GW		x	x					
SK-MW-01	1018049	09/10/1996	8.00 - 13.00	GW		x			x	x	x	
SK-MW-01	1634453	06/03/1997	8.0 - 13.0	GW							X	
SK-MW-01	1647368	11/24/1997	8.0 - 13.0	GW							X	
SK-MW-01	1846171	09/27/1999	8.0 - 13.0	GW		x					x	
SK-MW-02	CW3900309	03/09/1990	9.00 - 19.00	GW		x	x					
SK-MW-02	1018172	09/11/1996	9.00 - 19.00	GW		x			x	X	X	
SK-MW-02	1634456	06/03/1997	9.0 - 19.0	GW			x			x	x	
SK-MW-02	1647371	11/24/1997	9 - 19	GW			x			x	X	
SK-MW-02	1846183	09/29/1999	9.0 - 19.0	GW		x	x			x	X	
SK-MW-03	CW4900309	03/09/1990	6.00 - 16.00	GW		x	x					
SK-MW-03	1018173	09/11/1996	6.00 - 16.00	GW		x			x	x	X	
SK-MW-03	1634455	06/03/1997	6.0 - 16.0	GW							x	
SK-MW-03	1647370	11/24/1997	6.0 - 16.0	GW							X	
SK-MW-03	1846174	09/27/1999	6.0 - 16.0	GW		x					x	
SK-MW-04	CW5900309	03/09/1990	5.60 - 15.60	GW		x	x					
SK-MW-04	1018174	09/11/1996	5.60 - 15.60	GW		x			x	x	X	
SK-MW-04	1634454	06/03/1997	5.6 - 15.6	GW							X	
SK-MW-04	1647369	11/24/1997	5.6 - 15.6	GW							x	

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SK-MW-04	1846173	09/27/1999	5.6 - 15.6	GW		x					x	
SK-MW-05	31390090554	09/05/1990	6.00 - 11.00	GW		X	x					X
SK-MW-05	31390112029	11/20/1990	6.00 - 11.00	GW		X	x				X F	X
SK-MW-05	31391022205	02/22/1991	6.00 - 11.00	GW		X					X f	X
SK-MW-05	30291052903	05/29/1991	6.00 - 11.00	GW		X					X f	X
SK-MW-05	02051111491	11/15/1991	6.0 - 11.0	GW		X					X	
SK-MW-05	02051060992	06/10/1992	6.0 - 11.0	GW		X					X	
SK-MW-05	1016815	06/01/1993	6.00 - 11.00	GW	X							
SK-MW-05	1018181	09/11/1996	6.0 - 11.0	GW		X			x	x	X	
SK-MW-05	1634447	06/02/1997	6.0 - 11.0	GW		X					X	
SK-MW-05	1647352	11/21/1997	6.0 - 11.0	GW		x					X	
SK-MW-05	1846178	09/27/1999	6.0 - 11.0	GW		X					X	
SK-MW-05	1846179	09/27/1999	6.0 - 11.0	GW		X					x	
SK-MW-06	CAS 6030790	03/07/1990	7.00 - 12.00	GW		x						
SK-MW-06	31390090555	09/05/1990	7.00 - 12.00	GW		x	x					X
SK-MW-06	31390112030	11/20/1990	7.00 - 12.00	GW		x	x					X
SK-MW-06	31391022206	02/22/1991	7.00 - 12.00	GW		x						X
SK-MW-06	1018184	09/11/1996	7.00 - 12.00	GW		x				x	X	
SK-MW-06	1634480	06/04/1997	7.0 - 12.0	GW							X	
SK-MW-06	1647337	11/20/1997	7.0 - 12.0	GW							X	
SK-MW-06	1846170	09/23/1999	7.0 - 12.0	GW		x					x	
SK-MW-07	CAS 9030790	03/07/1990	8.00 - 13.00	GW		x						
SK-MW-07	CAS12030790	03/07/1990	8.0 - 13.0	GW		x						
SK-MW-07	31390090558	09/05/1990	8.00 - 13.00	GW		X	x					X
SK-MW-07	31390112033	11/20/1990	8.00 - 13.00	GW		X	x				X F	X
SK-MW-07	31391022209	02/22/1991	8.00 - 13.00	GW		X					X F	X
SK-MW-07	1018182	09/11/1996	8.00 - 13.00	GW		X				x	X	
SK-MW-07	1634482	06/04/1997	8.0 - 13.0	GW		X					X	
SK-MW-07	1647347	11/20/1997	8.0 - 13.0	GW		x					X	
SK-MW-07	1846175	09/27/1999	8.0 - 13.0	GW		x					X	
SK-MW-08D	31390090560	09/05/1990	49.00 - 59.00	GW		x	x					X
SK-MW-08D	31390112035	11/20/1990	49.00 - 59.00	GW		X	x					X

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Printed on 09/13/2004

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Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-MW-08D	31391022211	02/22/1991	49.00 - 59.00	GW		x						X
SK-MW-08D	1018490	09/18/1996	49.0 - 59.0	GW		x				x	X	
SK-MW-08D	1634491	06/04/1997	49.0 - 59.0	GW			x			x		
SK-MW-08D	1634506	06/06/1997	49.0 - 59.0	GW							X	
SK-MW-08D	1647357	11/21/1997	49.0 - 59.0	GW		x					X	
SK-MW-08D	1846194	10/01/1999	49.0 - 59.0	GW		x					X	
SK-MW-08S	CAS10A30790	03/07/1990	7.50 - 12.50	GW		x						
SK-MW-08S	31390090559	09/05/1990	7.50 - 12.50	GW		x	x					X
SK-MW-08S	31390112034	11/20/1990	7.50 - 12.50	GW		x	x					X
SK-MW-08S	31391022210	02/22/1991	7.50 - 12.50	GW		x						X
SK-MW-08S	1018196	09/12/1996	7.5 - 12.5	GW		x				X	X	
SK-MW-08S	1634490	06/04/1997	7.5 - 12.5	GW		x					x	
SK-MW-08S	1647373	11/24/1997	7.5 - 12.5	GW			x			x	x	
SK-MW-08S	1846188	09/29/1999	7.5 - 12.5	GW		x	x			x	x	
SK-MW-10	02101111391	11/14/1991	5.00 - 15.00	GW		x					X	
SK-MW-10	02101060992	06/10/1992	5.00 - 15.00	GW		x					X	
SK-MW-10	1018050	09/10/1996	5.00 - 15.00	GW		x			x	x	X	
SK-MW-10	1634451	06/03/1997	5.0 - 15.0	GW							X	
SK-MW-10	1634452	06/03/1997	5.0 - 15.0	GW							x	
SK-MW-10	1647366	11/24/1997	5.0 - 15.0	GW							X	
SK-MW-10	1647367	11/24/1997	5.0 - 15.0	GW							x	
SK-MW-10	1846172	09/27/1999	5.0 - 15.0	GW		x					x	
SK-MW-11	02111111391	11/14/1991	5.00 - 15.00	GW		X					X	
SK-MW-11	02111061092	06/11/1992	5.00 - 15.00	GW		X					X	
SK-MW-11	1018183	09/11/1996	5.00 - 15.00	GW		x			x	x	X	
SK-MW-11	1634484	06/04/1997	5.0 - 15.0	GW		x					X	
SK-MW-11	1647345	11/20/1997	5.0 - 15.0	GW		x					X	
SK-MW-11	1846177	09/27/1999	5.0 - 15.0	GW		X					X	
SK-MW-12	02121111391	11/14/1991	4.50 - 14.50	GW		X					X	
SK-MW-12	02121061092	06/11/1992	4.50 - 14.50	GW		X					X	
SK-MW-12	1018185	09/11/1996	4.50 - 14.50	GW		X				x	X	
SK-MW-12	1634479	06/04/1997	4.5 - 14.5	GW		x					X	

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SK-MW-12	1647338	11/20/1997	4.5 - 14.5	GW		x					X	
SK-MW-12	1647339	11/20/1997	4.5 - 14.5	GW		x					X	
SK-MW-12	1846186	09/29/1999	4.5 - 14.5	GW		x					x	
SK-MW-13	01131111391	11/14/1991	2.60 - 12.60	GW		x					X	
SK-MW-13	02131061092	06/11/1992	2.60 - 12.60	GW		x					X	
SK-MW-13	1018048	09/10/1996	2.60 - 12.60	GW		x			x	x	X	
SK-MW-13	1634495	06/05/1997	2.6 - 12.6	GW							X	
SK-MW-13	1647372	11/24/1997	2.6 - 12.6	GW							x	
SK-MW-13	1846189	09/29/1999	2.6 - 12.6	GW		x					X	
SK-MW-14I	020141052693	05/26/1993	10.0 - 15.0	GW		X	X				X	
SK-MW-14I	1016895	05/26/1993	10.00 - 15.00	GW	X							
SK-MW-14I	13141052693	05/26/1993	10.00 - 15.00	GW		X	X				X	
SK-MW-14I	1018180	09/11/1996	10.0 - 15.0	GW		X			x	x	X	
SK-MW-14I	1634502	06/06/1997	10.0 - 15.0	GW		X	X				X	
SK-MW-14I	1647342	11/20/1997	10.0 - 15.0	GW		X	X				x	
SK-MW-15I	02151052693	05/26/1993	10.0 - 15.0	GW		X	x				X	
SK-MW-15I	1018105	09/12/1996	10.0 - 15.0	GW		X	x	x	x		X	x
SK-MW-15I	1634483	06/04/1997	10.0 - 15.0	GW		X					x	
SK-MW-15I	1647346	11/20/1997	10.0 - 15.0	GW		X					X	
SK-MW-15I	1846176	09/27/1999	10.0 - 15.0	GW		X					X	
SK-MW-16	02161052693	05/26/1993	4.50 - 9.50	GW		X	x				x	
SK-MW-16	1018199	09/12/1996	4.5 - 9.5	GW		x				X	x	
SK-MW-16	1634478	06/04/1997	4.5 - 9.5	GW		x	x			x		
SK-MW-16	1647340	11/20/1997	4.5 - 9.5	GW		x	x			x		
SK-MW-16	1846169	09/23/1999	4.5 - 9.5	GW		x	x			x	x	
SK-MW-19	1018179	09/11/1996	3.5 - 13.5	GW		X			x	x	X	
SK-MW-19	1634485	06/04/1997	3.5 - 13.5	GW		X					X	
SK-MW-19	1647341	11/20/1997	3.5 - 13.5	GW		X					X	
SK-MW-19	1846187	09/29/1999	3.5 - 13.5	GW		X					X	
SK-MW-20	1018104	09/12/1996	4.0 - 14.0	GW		X		x	x		X	x
SK-MW-20	1634487	06/04/1997	4.0 - 14.0	GW		X					x	
SK-MW-20	1647353	11/21/1997	4.0 - 14.0	GW		X					x	

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SK-MW-20	1846182	09/29/1999	4.0 - 14.0	GW		X					X	
SK-MW-21	1018176	09/11/1996	3.5 - 13.5	GW		x			x	x	X	
SK-MW-21	1634486	06/04/1997	3.5 - 13.5	GW		x					X	
SK-MW-21	1647343	11/20/1997	3.5 - 13.5	GW		X					x	
SK-MW-21	1846191	09/29/1999	3.5 - 13.5	GW		x					X	
SK-MW-22	1018175	09/11/1996	3.0 - 13.0	GW		x			x	x	X	
SK-MW-22	1634488	06/04/1997	3.0 - 13.0	GW		x						
SK-MW-22	1634499	06/06/1997	3.0 - 13.0	GW							X	
SK-MW-22	1647351	11/21/1997	3.0 - 13.0	GW		x					X	
SK-MW-22	1846192	09/29/1999	3.0 - 13.0	GW		x					x	
SK-MW-23	1018195	09/12/1996	3 - 13	GW		x				x	X	
SK-MW-23	1634494	06/05/1997	3.0 - 13.0	GW		x					x	
SK-MW-23	1647355	11/21/1997	3.0 - 13.0	GW		x					x	
SK-MW-23	1647356	11/21/1997	3.0 - 13.0	GW		x					x	
SK-MW-23	1846190	09/29/1999	3.0 - 13.0	GW		x					x	
SK-MW-24	1018177	09/11/1996	3.0 - 13.0	GW		X			x	x	X	
SK-MW-24	1018178	09/11/1996	3.0 - 13.0	GW		X			x	x	X	
SK-MW-24	1634481	06/04/1997	3.0 - 13.0	GW		X					X	
SK-MW-24	1647344	11/20/1997	3.0 - 13.0	GW		X					x	
SK-MW-24	1846184	09/29/1999	3.0 - 13.0	GW		X					X	
SK-MW-24	1846185	09/29/1999	3.0 - 13.0	GW		X					X	
SK-MW-26	1967139	06/21/2000	13.00 - 16.00	GW		x					x	
SK-MW-26a	1952723	02/03/2000	5 - 9	GW		x					X	
SK-MW-26a	1952724	02/03/2000	13 - 16	GW		x					X	
SK-MW-27	1967138	06/21/2000	13.0 - 16.0	GW		x					X	
SK-MW-27a	1952725	02/03/2000	6 - 10	GW		x					X	
SK-MW-27a	1952726	02/03/2000	13 - 16	GW		x					X	
SK-MW-27a	1952727	02/03/2000	13 - 16	GW		x					X	
SK-MW-9S	02091111391	11/14/1991	5.00 - 15.00	GW		x					X	
SK-MW-9S	02091060992	06/10/1992	5.00 - 15.00	GW		X					X	
SK-MW-9S	1018051	09/10/1996	5.00 - 15.00	GW		x			x	x	X	
SK-MW-9S	1634450	06/03/1997	5.0 - 15.0	GW		x					x	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 19
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information						
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-MW-9S	1647354	11/21/1997	5.0 - 15.0	GW	x					x	
SK-MW-9S	1846162	09/23/1999	5.0 - 15.0	GW	x					x	
SK-SB-107	1024980	01/22/1997	10.0 - 12.0	GW	x	x			x		
SK-SB-108	1024981	01/22/1997	10.0 - 12.0	GW	x	x			x		
SK-SB-110	1024984	01/22/1997	10.0 - 12.0	GW	x	x			x		
SK-SB-114	1024982	01/22/1997	10.0 - 12.0	GW	x	x			x		
SK-SB-115	1024983	01/22/1997	10.0 - 12.0	GW	x	x			X		
SK-SB-118	1026081	02/05/1997	7.0 - 9.0	GW	x	x			x		
SK-SB-119	1026082	02/05/1997	7.0 - 9.0	GW	X	x			X		
SK-SB-121	1026083	02/05/1997	7.0 - 9.0	GW	x	x			x		
SK-SB-122	1026084	02/05/1997	7 - 9	GW	x	x			x		
SK-SB-127	1026085	02/05/1997	7.0 - 9.0	GW	X	x			x		
SK-SB-128	1026080	02/05/1997	7.0 - 9.0	GW	x	x			x		
SK-SB-130	1026201	02/06/1997	9 - 10	GW		x		x	x	X	
SK-SB-130	1026225	02/07/1997	9.0 - 11.0	GW	x						
SK-SB-131	1026202	02/06/1997	9 - 10	GW		x		x	x	x	
SK-SB-131	1026226	02/07/1997	9.0 - 11.0	GW	x						
SK-SB-133	1630746	03/26/1997	7.0 - 10.0	GW	X	x				x	
SK-SB-136	1630745	03/26/1997	10.0 - 13.0	GW	x	x				X	
SK-SB-137	1630740	03/25/1997	10.0 - 13.0	GW	X	x				X	
SK-SB-173	1632473	04/29/1997	11 - 14	GW	X	x			x	X	
SK-SB-174	1632480	04/29/1997	11 - 14	GW	X	x			x	X	
SK-SB-175	1632481	04/29/1997	11 - 14	GW	X	X			x	X	
SK-SB-181	1632486	04/30/1997	11 - 14	GW	X	x			x		
SK-SB-182	1632482	04/29/1997	11 - 14	GW	X	x			x	X	
SK-SB-183	1632483	04/29/1997	11 - 14	GW	X	x			x	X	
SK-SB-184	1632487	04/30/1997	11 - 14	GW	X	x			x		
SK-SB-191	1632488	04/30/1997	11 - 14	GW	X	x			x		
SK-SB-195	1632489	04/30/1997	6 - 9	GW	x	x		x	x		
SK-SB-199	1639020	07/29/1997	8 - 11	GW	X	x			x		
SK-SB-201	1639021	07/29/1997	13 - 16	GW	X	x			x		
SK-SB-206	1639019	07/29/1997	8 - 11	GW	X	x			x		

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 19
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-208	1639731	08/01/1997	9 - 13	GW		x	x			x		
SK-SB-211	1639730	08/01/1997	9 - 13	GW		x	X			X		
SK-SB-213	1639729	08/01/1997	9 - 13	GW		X	x			x		
SK-SB-215	1640260	08/14/1997	6.5 - 10.0	GW		X	x		x	x		
SK-SB-215	1640261	08/14/1997	6.5 - 10.0	GW		X	x		X	x		
SK-SB-218	1640262	08/14/1997	8.5 - 12	GW		X	x		x	x		
SK-SB-220	1640263	08/14/1997	8.5 - 12	GW		x	x		x	x		
SK-SB-222	1640264	08/14/1997	4.5 - 8	GW		X				X		
SK-SB-223	1641424	08/26/1997	8 - 11	GW		x	X			x		
SK-SB-228	1641425	08/26/1997	10 - 13	GW		X	x			x	X	
SK-SB-230	1641426	08/26/1997	10 - 13	GW		X	X			x	X	
SK-SB-232	1641427	08/26/1997	10 - 13	GW		X	X			x	X	
SK-SB-233	1641439	08/26/1997	10 - 13	GW		X	x			x	x	
SK-SB-234	1641440	08/26/1997	10 - 13	GW		X	x			x	x	
SK-SB-235	1641441	08/26/1997	10 - 13	GW		x	x			x	x	
SK-SB-238	1641442	08/26/1997	10 - 13	GW		X	x			x		
SK-SB-253	1642965	09/15/1997	9.5 - 13.0	GW		X	x			x		
SK-SB-255	1642966	09/15/1997	9.5 - 13.0	GW		X	x			x		
SK-SB-258	1642967	09/15/1997	9.5 - 13.0	GW		X	x			x		
SK-SB-264	1642968	09/15/1997	9.5 - 13.0	GW		x	x		x	x		
SK-SB-266	1642963	09/15/1997	9.5 - 13	GW		X	x			x		
SK-SB-266	1642964	09/15/1997	9.5 - 13.0	GW		X	x			x		
SK-SB-267	1642961	09/12/1997	9.5 - 13.0	GW		X	x		x	x	X	
SK-SB-268	1642960	09/12/1997	9.5 - 13	GW		X	x		x	x	X	
SK-SB-269	1948113	01/27/2000	5 - 9	GW		x					X	
SK-SB-269	1948114	01/27/2000	10 - 14	GW		x					X	
SK-SB-270	1948115	01/27/2000	4 - 8	GW		x					X	
SK-SB-270	1948116	01/27/2000	8 - 12	GW		x					X	
SK-SB-271	1948117	01/27/2000	4 - 8	GW		x					X	
SK-SB-271	1948118	01/27/2000	8 - 12	GW		x					X	
SK-SB-272	1948107	01/20/2000	5.5 - 8	GW		x					X	
SK-SB-272	1948108	01/20/2000	10 - 14	GW		x					X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 19
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-273	1948105	01/20/2000	5.5 - 7	GW		x					X	
SK-SB-273	1948106	01/20/2000	8 - 12	GW		X					X	
SK-SB-274	1948097	01/20/2000	5.5 - 7	GW		x					X	
SK-SB-274	1948098	01/20/2000	7 - 11	GW		x					X	
SK-SB-275	1948095	01/20/2000	5.5 - 7.0	GW		x					X	
SK-SB-275	1948096	01/20/2000	7 - 11	GW		x					X	
SK-SB-276	1948103	01/20/2000	5.5 - 7	GW		x					X	
SK-SB-276	1948104	01/20/2000	7 - 11	GW		x					X	
SK-SB-277	1948099	01/20/2000	5.5 - 7	GW		x					X	
SK-SB-277	1948100	01/20/2000	7 - 11	GW		x					X	
SK-SB-278	1948101	01/20/2000	5.5 - 7	GW		x					X	
SK-SB-278	1948102	01/20/2000	7 - 11	GW		x					X	
SK-SB-279	1948093	01/19/2000	5 - 9	GW		x					X	
SK-SB-279	1948094	01/19/2000	7 - 11	GW		x					X	
SK-SB-280	1948120	01/27/2000	5 - 9	GW		x					X	
SK-SB-280	1948121	01/27/2000	12 - 16	GW		x					X	
SK-SB-281	1948122	01/27/2000	5 - 9	GW		x					X	
SK-SB-281	1948123	01/27/2000	12 - 16	GW		x					X	
SK-SB-282	1948124	01/27/2000	5 - 9	GW		x					X	
SK-SB-282	1948125	01/27/2000	12 - 16	GW		x					X	
SK-SB-283	1958128	02/01/2000	4.5 - 8.5	GW		x					X	
SK-SB-283	1958129	02/01/2000	12 - 16	GW		x					X	
SK-SB-284	1958130	02/01/2000	5 - 9	GW		x					X	
SK-SB-284	1958131	02/01/2000	12 - 16	GW		x					X	
SK-SB-285	1948134	02/02/2000	6 - 10	GW		x					x	
SK-SB-285	1952721	02/02/2000	12 - 16	GW		x					X	
SK-SB-286	1958132	02/01/2000	6 - 10	GW		x					X	
SK-SB-286	1958133	02/01/2000	12.5 - 16.5	GW		x					X	
SK-SB-287	1952729	02/16/2000	5.5 - 9.5	GW		x					X	
SK-SB-287	1952728	02/16/2000	10 - 14	GW		x					X	
SK-SB-288	1952730	02/16/2000	6 - 10	GW		x					X	
SK-SB-288	1952731	02/16/2000	11 - 15	GW		x					X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 19
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-289	1952733	02/16/2000	6 - 10	GW		x					X	
SK-SB-289	1952732	02/16/2000	11 - 15	GW		x					X	
SK-SB-290	1952734	02/17/2000	5 - 9	GWG		x					X	
SK-SB-290	1952735	02/17/2000	12 - 16	GWG		x					X	
SK-SB-291	1952736	02/17/2000	5 - 9	GWG		x					X	
SK-SB-291	1952737	02/17/2000	12 - 16	GWG		x					X	
SK-SB-292	1952738	02/17/2000	5 - 9	GWG		X					X	
SK-SB-292	1952739	02/17/2000	12 - 16	GWG		X					X	
SK-SB-293	1952741	02/17/2000	12 - 16	GWG		X					X	
SK-SB-293	1952740	02/17/2000	14 - 18	GWG		X					X	
SK-SB-294	1952742	02/18/2000	12 - 16	GW		X					X	
SK-SB-303	1967134	06/21/2000		GWG		X						
SK-SB-303	1967135	06/21/2000		GWG		X						
SK-SB-304	1967136	06/21/2000		GWG		X						
SK-SB-305	1967137	06/21/2000		GWG		X						
SK-SB-306	1972225	10/19/2000	5.1 - 7.5	GWG		x					X	
SK-SB-306	1972224	10/19/2000	10 - 14	GWG		x					X	
SK-SB-307	1972227	10/19/2000	5.0 - 8.8	GWG		x					X	
SK-SB-307	1972226	10/19/2000	10 - 14	GWG		x					X	
SK-SB-308	1972228	10/19/2000	5.4 - 9.0	GWG		x					X	
SK-SB-308	1972229	10/19/2000	9 - 13	GWG		x					X	
SK-SB-309	1972248	10/19/2000	5 - 9	GWG		x					X	
SK-SB-309	1972249	10/19/2000	7.5 - 11.5	GWG		X					X	
SK-SB-310	1972230	10/19/2000	5 - 9.0	GWG		x					X	
SK-SB-310	1972231	10/19/2000	8 - 12.0	GWG		X					X	
SK-SB-311	1972246	10/19/2000	5 - 9	GWG		X					X	
SK-SB-311	1972247	10/19/2000	7 - 11	GWG		X					X	
SK-SB-312	1972232	10/19/2000	5.34 - 8.75	GWG		X					X	
SK-SB-312	1972233	10/19/2000	7.5 - 11.5	GWG		X					X	
SK-SB-313	1972244	10/19/2000	5 - 9	GWG		X					X	
SK-SB-313	1972245	10/19/2000	7 - 11	GWG		X					X	
SK-SB-314	1972234	10/19/2000	5 - 9.0	GWG		x					X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

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SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-314	1972235	10/19/2000	6.5 - 10.5	GWG		X					X	
SK-SB-315	1972240	10/19/2000	5.0 - 9.00	GWG		X					X	
SK-SB-315	1972242	10/19/2000	7.0 - 11.0	GWG		X					X	
SK-SB-315	1972243	10/19/2000	7.0 - 11.0	GWG		X					X	
SK-SB-316	1972236	10/19/2000	5 - 8.75	GWG		x					X	
SK-SB-316	1972237	10/19/2000	7.5 - 11.5	GWG		x					X	
SK-SB-317	1972238	10/19/2000	5 - 9.0	GWG		x					X	
SK-SB-317	1972239	10/19/2000	7 - 11.0	GWG		x					X	
SK-SB-318	1972252	10/27/2000	11 - 15	GWG		X					X	
SK-SB-318	1972253	10/27/2000	14 - 18	GWG		X					X	
SK-SB-319	1972254	10/27/2000	8 - 12	GWG		X					X	
SK-SB-319	1972255	10/27/2000	12 - 16	GWG		X					X	
SK-SB-320	1972256	10/27/2000	8 - 12	GWG		X					X	
SK-SB-320	1972257	10/27/2000	12 - 16	GWG		X					X	
SK-SB-321	1972258	10/27/2000	4 - 8	GWG		X					X	
SK-SB-321	1972259	10/27/2000	8 - 12	GWG		X					X	
SK-SB-322	1972260	10/27/2000	4 - 8	GWG		x					X	
SK-SB-322	1972261	10/27/2000	8 - 12	GWG		x					X	
SK-SB-61	1017853	09/04/1996	8.5 - 10.5	GW	x	x	x			x	X	
SK-SB-67	1017854	09/05/1996	8.5 - 10.5	GW	x	x	x			x	X	
SK-SB-68	1017852	09/04/1996	8.5 - 10.5	GW	x	X	x			x	X	
SK-SB-69	1017855	09/06/1996	8.5 - 10.5	GW	x	x	x			x	X	
SK-SB-70	1018034	09/16/1996	9.5 - 10.5	GW		X	x			x	X	
SK-SB-71	1018035	09/16/1996	9.5 - 10.5	GW		X	x			X	X	
SK-SB-72	1018036	09/16/1996	9.5 - 10.5	GW		X	x			X	X	
SK-SB-73	1018037	09/16/1996	9.5 - 10.5	GW		X	x			x	X	
SK-SB-74	1018038	09/16/1996	9.5 - 10.5	GW		X	x			x	X	
SK-SB-75	1018039	09/16/1996	9.5 - 10.5	GW		X	X			X	X	
SK-SB-76	1018040	09/16/1996	9.5 - 10.5	GW		X	X			X	X	
SK-SB-77	1018042	09/17/1996	9.0 - 10.5	GW		X	x			x	X	
SK-SB-78	1018045	09/17/1996	11.0 - 12.5	GW		X	x			x	X	
SK-SB-79	1018044	09/17/1996	11.0 - 12.5	GW		X	X			x	X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 19
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-80	1018043	09/17/1996	11.0 - 12.5	GW		X	x			x	x	
SK-SB-81	1018046	09/17/1996	11.0 - 12.5	GW		X	x			x	X	
SK-SB-93	1020710	10/25/1996	5 - 7	GW	X	X			x	x	X	
SK-SB-95	1020711	10/25/1996	5.5 - 7.5	GW	X	x			x	x	x	
SK-SB-97	1020712	10/25/1996	5.5 - 7.5	GW	X	X			x	x	x	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	MW-SFP-2D	NA-MW-01	NA-MW-01	NA-MW-03	NA-MW-03	NA-MW-03	NA-MW-04
	Sample ID	m600076-6993	03011111491	1846134	03031111491	1634439	1647384	03041111491
	Sample Date	06/05/2000	11/15/1991	09/15/1999	11/15/1991	06/02/1997	11/20/1997	11/15/1991
	Sample Time			13:15		11:10	10:22	
	Sample Depth	0.00'	5.3' - 15.3'	5.3' - 15.3'	4.5' - 14.5'	4.5' - 14.5'	4.5' - 14.5'	10.3' - 20.3'
	Laboratory	mari	CEIM	QUAN	CEIM	QUAN	QUAN	CEIM
	Lab. Number	600076-6993	910637-04	A9I170103002	910637-06	A7F040101004	A7K240137026	910637-07
Constituent	Units							
Depth of Well	Ft			15.03		14.00	14.2	
Depth To Water	Ft			4.65		4.23	4.52	
Water Elevation	Ft			41.44		38.83	38.54	
Date Metals Analyzed	-			09/23/1999		06/12/1997	12/07/1997	
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L				0.013			
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L	0.108						
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L		0.015		0.089	0.0274 J	0.0271	0.018
Lead (unfiltered)	mg/L			0.0164				
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	MW-SFP-2D	NA-MW-01	NA-MW-01	NA-MW-03	NA-MW-03	NA-MW-03	NA-MW-04
	Sample ID	m600076-6993	03011111491	1846134	03031111491	1634439	1647384	03041111491
	Sample Date	06/05/2000	11/15/1991	09/15/1999	11/15/1991	06/02/1997	11/20/1997	11/15/1991
	Sample Time			13:15		11:10	10:22	
	Sample Depth	0.00'	5.3' - 15.3'	5.3' - 15.3'	4.5' - 14.5'	4.5' - 14.5'	4.5' - 14.5'	10.3' - 20.3'
	Laboratory	mari	CEIM	QUAN	CEIM	QUAN	QUAN	CEIM
	Lab. Number	600076-6993	910637-04	A9I170103002	910637-06	A7F040101004	A7K240137026	910637-07
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	NA-MW-04	NA-SB-06	NA-SB-09	NK-MW-01	NK-MW-01	NK-MW-04	NK-MW-07S
	Sample ID	03041060992	1020274	1020273	31390112025	31391022201	31390112032	1846167
	Sample Date	06/10/1992	10/29/1996	10/29/1996	11/20/1990	02/22/1991	11/20/1990	09/23/1999
	Sample Time		16:20	15:40	09:50	10:25	11:05	14:00
	Sample Depth	10.3' - 20.3'	6.5' - 8.5'	6.5' - 8.5'	7.00' - 12.00	7.00' - 12.00	7.0' - 12.0'	5.0' - 12.5'
	Laboratory	CEIM	AEL	AEL	M&E?	M&E?	M&E?	QUAN
	Lab. Number	920297-08	AEL96012219	AEL96012218	31390112025	28928441	31390112032	A9I240193012
Constituent	Units							
Depth of Well	Ft							10.25
Depth To Water	Ft				5.80	5.47	1.66	5.33
Water Elevation	Ft				49.63	49.96	44.45	42.27
Date Metals Analyzed	-		10/31/1996	11/07/1996				
Date Organics Analyzed	-		11/12/1996					10/04/1999
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L				0.012			
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L			0.0202				
Cadmium (unfiltered)	mg/L					0.013		
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L					0.123		
Lead	mg/L	.015	0.0135					
Lead (unfiltered)	mg/L					0.021		
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l						468	
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	NA-MW-04	NA-SB-06	NA-SB-09	NK-MW-01	NK-MW-01	NK-MW-04	NK-MW-07S
	Sample ID	03041060992	1020274	1020273	31390112025	31391022201	31390112032	1846167
	Sample Date	06/10/1992	10/29/1996	10/29/1996	11/20/1990	02/22/1991	11/20/1990	09/23/1999
	Sample Time		16:20	15:40	09:50	10:25	11:05	14:00
	Sample Depth	10.3' - 20.3'	6.5' - 8.5'	6.5' - 8.5'	7.00' - 12.00	7.00' - 12.00	7.0' - 12.0'	5.0' - 12.5'
	Laboratory	CEIM	AEL	AEL	M&E?	M&E?	M&E?	QUAN
	Lab. Number	920297-08	AEL96012219	AEL96012218	31390112025	28928441	31390112032	A9I240193012
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l						468	
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L		3300 J1					95
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	NK-MW-17S	NK-MW-3	NK-MW-3	NK-MW-3	NK-MW-3	NK-MW-3	NK-MW-3
	Sample ID	1634475	CAS 7030790	31390090556	31391022207	30291052901	01031111391	01031060992
	Sample Date	06/03/1997	03/07/1990	09/05/1990	02/22/1991	05/29/1991	11/14/1991	06/10/1992
	Sample Time	14:50	:	10:00	11:21	09:32		
	Sample Depth	4.0' - 9.0'	7.0' - 12.0'	7.0' - 12.0'	7.0' - 12.0'	7.0' - 12.0'	7.0' - 12.0'	7.0' - 12.0'
	Laboratory	QUAN	NETA	M&E?	M&E?	AEL	M&E?	CEIM
	Lab. Number	A7F040150014	NETA09022	31390090556	28928448	289-28-1348	9100627-03	920297-09
Constituent	Units							
Depth of Well	Ft	11.85						
Depth To Water	Ft	7.05		6.62	5.61	7.39		
Water Elevation	Ft	42.52		44.32	45.33	43.55		
Date Metals Analyzed	-	06/17/1997						
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L	0.0051						
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L	0.0272						
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	NK-MW-17S	NK-MW-3	NK-MW-3	NK-MW-3	NK-MW-3	NK-MW-3	NK-MW-3
	Sample ID	1634475	CAS 7030790	31390090556	31391022207	30291052901	01031111391	01031060992
	Sample Date	06/03/1997	03/07/1990	09/05/1990	02/22/1991	05/29/1991	11/14/1991	06/10/1992
	Sample Time	14:50	:	10:00	11:21	09:32		
	Sample Depth	4.0' - 9.0'	7.0' - 12.0'	7.0' - 12.0'	7.0' - 12.0'	7.0' - 12.0'	7.0' - 12.0'	7.0' - 12.0'
	Laboratory	QUAN	NETA	M&E?	M&E?	AEL	M&E?	CEIM
	Lab. Number	A7F040150014	NETA09022	31390090556	28928448	289-28-1348	9100627-03	920297-09
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l		1000	718.0	1100	670	1200	800
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	NK-PZ-01	NK-PZ-02	NK-SB-19	NK-SB-225	NK-SB-226	NK-SB-24	NK-SB-341
	Sample ID	1647397	1647396	1015678	1021833	1021834	1018201	1638020
	Sample Date	11/20/1997	11/20/1997	07/09/1996	12/16/1996	12/16/1996	09/12/1996	07/16/1997
	Sample Time	15:05	14:35	14:10	14:45	15:10	10:15	13:45
	Sample Depth	0.00'	0.00'	5' - 7'	10.0' - 12.0'	10.0' - 12.0'	9' - 11'	4' - 8'
	Laboratory	QUAN	QUAN	AEL	AEL	AEL	AEL	QUAN
	Lab. Number	A7K240137023	A7K240137022	AEL96007499	AEL96014076	AEL96014077	AEL96010269	A7G210123017
Constituent	Units							
Depth of Well	Ft	3.89	4.52					
Depth To Water	Ft	2.13	2.09					
Water Elevation	Ft	44.72	44.68					
Date Metals Analyzed	-	12/07/1997	12/07/1997	07/17/1996				08/05/1997
Date Organics Analyzed	-				12/24/1996	12/26/1996	09/18/1996	
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L		0.0100					0.0146
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L		0.272					
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L	0.0203	0.462					0.0181
Lead (unfiltered)	mg/L							
Nickel	mg/L			2.486				
Silver	mg/L		0.0209					
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	NK-PZ-01	NK-PZ-02	NK-SB-19	NK-SB-225	NK-SB-226	NK-SB-24	NK-SB-341
	Sample ID	1647397	1647396	1015678	1021833	1021834	1018201	1638020
	Sample Date	11/20/1997	11/20/1997	07/09/1996	12/16/1996	12/16/1996	09/12/1996	07/16/1997
	Sample Time	15:05	14:35	14:10	14:45	15:10	10:15	13:45
	Sample Depth	0.00'	0.00'	5' - 7'	10.0' - 12.0'	10.0' - 12.0'	9' - 11'	4' - 8'
	Laboratory	QUAN	QUAN	AEL	AEL	AEL	AEL	QUAN
	Lab. Number	A7K240137023	A7K240137022	AEL96007499	AEL96014076	AEL96014077	AEL96010269	A7G210123017
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l						94	
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L				65 J1	2500 J1		
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	NK-SB-342	NK-SB-80	NK-SB-93	SA-MW-1	SA-MW-3	SA-MW-4	SA-MW-5S
	Sample ID	1638021	1018675	1018897	31391022202	04031111491	04041111491	04051111491
	Sample Date	07/16/1997	10/03/1996	10/09/1996	02/22/1991	11/15/1991	11/15/1991	11/15/1991
	Sample Time	14:45	16:50	11:15	12:28			
	Sample Depth	4' - 8'	10.0' - 12.0'	6' - 8'	13.00' - 18.0	10.00' - 20.0	7.50' - 17.50	4.50' - 14.50
	Laboratory	QUAN	AEL	AEL	M&E?	CEIM	CEIM	CEIM
	Lab. Number	A7G210123018	AEL96011236	AEL96011516	28928442	910637-14	910637-15	910637-17
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft				9.43			
Water Elevation	Ft				32.69			
Date Metals Analyzed	-	08/05/1997						
Date Organics Analyzed	-		10/14/1996	10/15/1996				
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L	0.0206						
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L				0.013			
Chromium, Total	mg/L	0.216						
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L	0.0657				0.026	0.015	0.020
Lead (unfiltered)	mg/L				0.020			
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L	3.18						
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	NK-SB-342	NK-SB-80	NK-SB-93	SA-MW-1	SA-MW-3	SA-MW-4	SA-MW-5S
	Sample ID	1638021	1018675	1018897	31391022202	04031111491	04041111491	04051111491
	Sample Date	07/16/1997	10/03/1996	10/09/1996	02/22/1991	11/15/1991	11/15/1991	11/15/1991
	Sample Time	14:45	16:50	11:15	12:28			
	Sample Depth	4' - 8'	10.0' - 12.0'	6' - 8'	13.00' - 18.0	10.00' - 20.0	7.50' - 17.50	4.50' - 14.50
	Laboratory	QUAN	AEL	AEL	M&E?	CEIM	CEIM	CEIM
	Lab. Number	A7G210123018	AEL96011236	AEL96011516	28928442	910637-14	910637-15	910637-17
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l		110					
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L			1600				
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SA-SB-145	SA-SB-150	SA-SB-161	SK-GP-01	SK-GP-01	SK-GP-01	SK-GP-01
	Sample ID	1638974	1638934	1638783	1016805	1016806	1016972	1016973
	Sample Date	07/14/1997	07/11/1997	07/21/1997	04/29/1993	05/01/1993	06/01/1993	06/01/1993
	Sample Time	14:00	15:00	12:00				
	Sample Depth	4' - 8'	4' - 9'	8' - 11'	0.00'	0.00'	0.00'	0.00'
	Laboratory	QUAN	QUAN	QUAN	unkM	unkM	unkM	unk
	Lab. Number	A7G160201002	A7G140128004	A7G230102001	unk1016805	unk1016806	unk1016972	0201B060193
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-			08/05/1997				
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L	2.5	6.8					
Benzo(a)pyrene	ug/L			1.1				
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SA-SB-145	SA-SB-150	SA-SB-161	SK-GP-01	SK-GP-01	SK-GP-01	SK-GP-01
	Sample ID	1638974	1638934	1638783	1016805	1016806	1016972	1016973
	Sample Date	07/14/1997	07/11/1997	07/21/1997	04/29/1993	05/01/1993	06/01/1993	06/01/1993
	Sample Time	14:00	15:00	12:00				
	Sample Depth	4' - 8'	4' - 9'	8' - 11'	0.00'	0.00'	0.00'	0.00'
	Laboratory	QUAN	QUAN	QUAN	unkM	unkM	unkM	unk
	Lab. Number	A7G160201002	A7G140128004	A7G230102001	unk1016805	unk1016806	unk1016972	0201B060193
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							53.0
cis-1,2-Dichloroethylene	ug/l				1372.1	2700.0	2700.0	17000.0
Tetrachloroethylene (PCE)	ug/l				67500.0		4500.0	35000.0
Trichloroethylene (TCE)	ug/L							3400.0
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							380.0
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-03	SK-GP-03	SK-GP-03	SK-GP-03	SK-GP-05	SK-GP-05	SK-GP-06
	Sample ID	1016810	1016811	1016974	1016975	1016976	1016977	1016817
	Sample Date	04/29/1993	05/01/1993	06/01/1993	06/01/1993	06/01/1993	06/01/1993	04/29/1993
	Sample Time							
	Sample Depth	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'
	Laboratory	unkM	unkM	unkM	unk	unkM	unk	unkM
	Lab. Number	unk1016810	unk1016811	unk1016974	0203B060193	unk1016976	02052060193	unk1016817
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l	2272.7						
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l	337.6						

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-03	SK-GP-03	SK-GP-03	SK-GP-03	SK-GP-05	SK-GP-05	SK-GP-06
	Sample ID	1016810	1016811	1016974	1016975	1016976	1016977	1016817
	Sample Date	04/29/1993	05/01/1993	06/01/1993	06/01/1993	06/01/1993	06/01/1993	04/29/1993
	Sample Time							
	Sample Depth	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'
	Laboratory	unkM	unkM	unkM	unk	unkM	unk	unkM
	Lab. Number	unk1016810	unk1016811	unk1016974	0203B060193	unk1016976	02052060193	unk1016817
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l					380.0	1300.0	708.3
Tetrachloroethylene (PCE)	ug/l	46209.0	5700.0	5700.0	14000.0	640.0	12000.0	6947.7
Trichloroethylene (TCE)	ug/L	5208.3						
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-06	SK-GP-07	SK-GP-11	SK-GP-11	SK-GP-12	SK-GP-12	SK-GP-16
	Sample ID	1016818	1016820	1016827	1016828	1016829	1016830	1016834
	Sample Date	06/01/1993	05/28/1993	04/29/1993	06/01/1993	04/29/1993	06/01/1993	04/29/1993
	Sample Time							
	Sample Depth	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'
	Laboratory	unkM	unkM	unkM	unkM	unkM	unkM	unkM
	Lab. Number	unk1016818	unk1016820	unk1016827	unk1016828	unk1016829	unk1016830	unk1016834
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-06	SK-GP-07	SK-GP-11	SK-GP-11	SK-GP-12	SK-GP-12	SK-GP-16
	Sample ID	1016818	1016820	1016827	1016828	1016829	1016830	1016834
	Sample Date	06/01/1993	05/28/1993	04/29/1993	06/01/1993	04/29/1993	06/01/1993	04/29/1993
	Sample Time							
	Sample Depth	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'
	Laboratory	unkM	unkM	unkM	unkM	unkM	unkM	unkM
	Lab. Number	unk1016818	unk1016820	unk1016827	unk1016828	unk1016829	unk1016830	unk1016834
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l						60.0	882.8
Tetrachloroethylene (PCE)	ug/l	230.0	92.0	1032.6	180.0	646.7	3800.0	
Trichloroethylene (TCE)	ug/L						3250.0	
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-18	SK-GP-18	SK-GP-18	SK-GP-18	SK-GP-19	SK-GP-22	SK-GP-24
	Sample ID	1016836	1016978	1016979	1016837	1016839	1016844	1016847
	Sample Date	04/29/1993	06/01/1993	06/01/1993	06/01/1993	04/29/1993	04/29/1993	04/29/1993
	Sample Time							
	Sample Depth	9.5' - 14.5'	0.00'	0.00'	9.5' - 14.5'	0.00'	0.00'	0.00'
	Laboratory	unkM	unkM	unk	unkM	unkM	unkM	unkM
	Lab. Number	unk1016836	unk1016978	0218B060193	unk1016837	unk1016839	unk1016844	unk1016847
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l	123.1						

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-18	SK-GP-18	SK-GP-18	SK-GP-18	SK-GP-19	SK-GP-22	SK-GP-24
	Sample ID	1016836	1016978	1016979	1016837	1016839	1016844	1016847
	Sample Date	04/29/1993	06/01/1993	06/01/1993	06/01/1993	04/29/1993	04/29/1993	04/29/1993
	Sample Time							
	Sample Depth	9.5' - 14.5'	0.00'	0.00'	9.5' - 14.5'	0.00'	0.00'	0.00'
	Laboratory	unkM	unkM	unk	unkM	unkM	unkM	unkM
	Lab. Number	unk1016836	unk1016978	0218B060193	unk1016837	unk1016839	unk1016844	unk1016847
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	1547.6		240.0			2966.7	29829.5
Tetrachloroethylene (PCE)	ug/l	191532.3	1100.0	3900.0	1100.0	129.0	213.2	18656.7
Trichloroethylene (TCE)	ug/L							2566.8
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-25	SK-GP-26	SK-GP-27	SK-GP-27	SK-GP-27	SK-GP-28	SK-GP-28
	Sample ID	1016848	1016850	1016852	1016853	1016854	1016855	1016856
	Sample Date	04/30/1993	04/30/1993	04/30/1993	06/01/1993	06/01/1993	04/30/1993	06/01/1993
	Sample Time							
	Sample Depth	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'
	Laboratory	unkM	unkM	unkM	unkM	unkM	unkM	unkM
	Lab. Number	unk1016848	unk1016850	unk1016852	unk1016853	unk1016854	unk1016855	unk1016856
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-25	SK-GP-26	SK-GP-27	SK-GP-27	SK-GP-27	SK-GP-28	SK-GP-28
	Sample ID	1016848	1016850	1016852	1016853	1016854	1016855	1016856
	Sample Date	04/30/1993	04/30/1993	04/30/1993	06/01/1993	06/01/1993	04/30/1993	06/01/1993
	Sample Time							
	Sample Depth	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'
	Laboratory	unkM	unkM	unkM	unkM	unkM	unkM	unkM
	Lab. Number	unk1016848	unk1016850	unk1016852	unk1016853	unk1016854	unk1016855	unk1016856
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	1078.0	1136.4				381.8	
Tetrachloroethylene (PCE)	ug/l		25223.9	341.8	170.0	300.0	134.3	100.0
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-29	SK-GP-30	SK-GP-31	SK-GP-32	SK-GP-33	SK-GP-34	SK-GP-34
	Sample ID	1016858	1016860	1016862	1016864	1016865	1016867	1016868
	Sample Date	05/25/1993	05/25/1993	05/25/1993	05/25/1993	05/25/1993	05/25/1993	05/25/1993
	Sample Time							
	Sample Depth	11' - 13'	13' - 15'	13' - 15'	11.5' - 13.5'	6' - 8'	6' - 8'	12' - 14'
	Laboratory	unkM	unkM	unkM	unkM	unkM	unkM	unkM
	Lab. Number	unk1016858	unk1016860	unk1016862	unk1016864	unk1016865	unk1016867	unk1016868
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-29	SK-GP-30	SK-GP-31	SK-GP-32	SK-GP-33	SK-GP-34	SK-GP-34
	Sample ID	1016858	1016860	1016862	1016864	1016865	1016867	1016868
	Sample Date	05/25/1993	05/25/1993	05/25/1993	05/25/1993	05/25/1993	05/25/1993	05/25/1993
	Sample Time							
	Sample Depth	11' - 13'	13' - 15'	13' - 15'	11.5' - 13.5'	6' - 8'	6' - 8'	12' - 14'
	Laboratory	unkM	unkM	unkM	unkM	unkM	unkM	unkM
	Lab. Number	unk1016858	unk1016860	unk1016862	unk1016864	unk1016865	unk1016867	unk1016868
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	64.0	100.0	126.0	363.0			
Tetrachloroethylene (PCE)	ug/l	290.0	575.0		154.0	623.0	661.0	182.0
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-35	SK-GP-35	SK-GP-41	SK-GP-41	SK-GP-41	SK-GP-41	SK-GP-41
	Sample ID	1016869	1016870	1016881	1016882	1016884	1016982	1016983
	Sample Date	05/26/1993	05/26/1993	05/26/1993	05/26/1993	05/26/1993	06/01/1993	06/01/1993
	Sample Time							
	Sample Depth	6' - 8'	13' - 15'	6' - 8'	6' - 8'	13' - 15'	0.00'	0.00'
	Laboratory	unkM	unkM	unkM	unkM	unkM	unkM	unk
	Lab. Number	unk1016869	unk1016870	unk1016881	unk1016882	unk1016884	unk1016982	0241B052793A
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l			400.0	440		400.0	

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-35	SK-GP-35	SK-GP-41	SK-GP-41	SK-GP-41	SK-GP-41	SK-GP-41
	Sample ID	1016869	1016870	1016881	1016882	1016884	1016982	1016983
	Sample Date	05/26/1993	05/26/1993	05/26/1993	05/26/1993	05/26/1993	06/01/1993	06/01/1993
	Sample Time				:			
	Sample Depth	6' - 8'	13' - 15'	6' - 8'	6' - 8'	13' - 15'	0.00'	0.00'
	Laboratory	unkM	unkM	unkM	unkM	unkM	unkM	unk
	Lab. Number	unk1016869	unk1016870	unk1016881	unk1016882	unk1016884	unk1016982	0241B052793A
Constituent	Units							
trans-1,2-Dichloroethene	ug/l				220			
cis-1,2-Dichloroethylene	ug/l	337.0	234.0	500.0	7200	52.0	500.0	
Tetrachloroethylene (PCE)	ug/l	277.0		1640.0	240	440.0	1640.0	5900.0
Trichloroethylene (TCE)	ug/L							24000.0
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l				90			
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-42	SK-GP-42	SK-GP-42	SK-GP-42	SK-GP-42	SK-GP-42	SK-GP-42
	Sample ID	1016885	1016886	1016984	1016985	1016888	1016889	1016986
	Sample Date	05/26/1993	05/26/1993	05/26/1993	05/26/1993	05/26/1993	05/26/1993	05/26/1993
	Sample Time		:				:	
	Sample Depth	6' - 8'	6' - 8'	6' - 8'	6' - 8'	12' - 14'	12' - 14'	12' - 14'
	Laboratory	unkM	unkM	unkM	unk	unkM	unkM	unkM
	Lab. Number	unk1016885	unk1016886	unk1016984	0242B052793A	unk1016888	unk1016889	unk1016986
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l	440.0					440 J	440.0

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-42	SK-GP-42	SK-GP-42	SK-GP-42	SK-GP-42	SK-GP-42	SK-GP-42
	Sample ID	1016885	1016886	1016984	1016985	1016888	1016889	1016986
	Sample Date	05/26/1993	05/26/1993	05/26/1993	05/26/1993	05/26/1993	05/26/1993	05/26/1993
	Sample Time		:				:	
	Sample Depth	6' - 8'	6' - 8'	6' - 8'	6' - 8'	12' - 14'	12' - 14'	12' - 14'
	Laboratory	unkM	unkM	unkM	unk	unkM	unkM	unkM
	Lab. Number	unk1016885	unk1016886	unk1016984	0242B052793A	unk1016888	unk1016889	unk1016986
Constituent	Units							
trans-1,2-Dichloroethene	ug/l	219.0					220 J	220.0
cis-1,2-Dichloroethylene	ug/l	7221.0	700	700.0	696.0	530.0	7200 J	7200.0
Tetrachloroethylene (PCE)	ug/l	239.0	630	630.0	630.0	390.0	240 J	240.0
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l	89.0					90	90.0
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-42	SK-GP-46	SK-GP-46	SK-GP-46	SK-GP-46	SK-GP-46	SK-GP-46
	Sample ID	1016987	1016988	1016989	1016898	1016899	1016901	1016903
	Sample Date	05/26/1993	05/26/1993	05/26/1993	05/27/1993	05/27/1993	05/27/1993	05/27/1993
	Sample Time				:	:	:	:
	Sample Depth	12' - 14'	6' - 8'	6' - 8'	6' - 8'	6' - 8'	6' - 8'	13' - 15'
	Laboratory	unk	unkM	unkM	unkM	unkM	unk	unkM
	Lab. Number	0242B052793B	unk1016988	1246B052793A	unk1016898	unk1016899	1246B052793	unk1016903
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l	140.0	290.0		288.0	290.0		

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-42	SK-GP-46	SK-GP-46	SK-GP-46	SK-GP-46	SK-GP-46	SK-GP-46
	Sample ID	1016987	1016988	1016989	1016898	1016899	1016901	1016903
	Sample Date	05/26/1993	05/26/1993	05/26/1993	05/27/1993	05/27/1993	05/27/1993	05/27/1993
	Sample Time				:	:	:	:
	Sample Depth	12' - 14'	6' - 8'	6' - 8'	6' - 8'	6' - 8'	6' - 8'	13' - 15'
	Laboratory	unk	unkM	unkM	unkM	unkM	unk	unkM
	Lab. Number	0242B052793B	unk1016988	1246B052793A	unk1016898	unk1016899	1246B052793	unk1016903
Constituent	Units							
trans-1,2-Dichloroethene	ug/l	51.0						
cis-1,2-Dichloroethylene	ug/l	27000.0	2000.0	3700.0	2036.0	2036.0	3700	625
Tetrachloroethylene (PCE)	ug/l	120.0		50000.0			50000	1000
Trichloroethylene (TCE)	ug/L			4700.0			4700	
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l	200.0	180.0	760.0	180.0	180	760	
o- & p- Xylenes	ug/l		200.0		200.0	200.0		

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-46	SK-GP-46	SK-GP-46	SK-GP-47	SK-GP-47	SK-GP-47	SK-GP-48
	Sample ID	1016905	1016990	1016991	1016906	1016992	1016908	1016909
	Sample Date	05/27/1993	05/27/1993	05/27/1993	05/27/1993	05/27/1993	05/27/1993	05/27/1993
	Sample Time	:						
	Sample Depth	13' - 15'	13' - 15'	13' - 15'	6' - 8'	6' - 8'	13' - 15'	7' - 9'
	Laboratory	unk	unkM	unk	unkM	unkM	unkM	unkM
	Lab. Number	0246B052793A	unk1016990	0246B052793B	unk1016906	unk1016992	unk1016908	unk1016909
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-46	SK-GP-46	SK-GP-46	SK-GP-47	SK-GP-47	SK-GP-47	SK-GP-48
	Sample ID	1016905	1016990	1016991	1016906	1016992	1016908	1016909
	Sample Date	05/27/1993	05/27/1993	05/27/1993	05/27/1993	05/27/1993	05/27/1993	05/27/1993
	Sample Time	:						
	Sample Depth	13' - 15'	13' - 15'	13' - 15'	6' - 8'	6' - 8'	13' - 15'	7' - 9'
	Laboratory	unk	unkM	unk	unkM	unkM	unkM	unkM
	Lab. Number	0246B052793A	unk1016990	0246B052793B	unk1016906	unk1016992	unk1016908	unk1016909
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	100	625.0	100.0			62.0	574.0
Tetrachloroethylene (PCE)	ug/l	1500	1000.0	1500.0	130.0	130.0	560.0	90.0
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-48	SK-GP-50	SK-GP-50	SK-GP-50	SK-GP-50	SK-GP-56	SK-GP-57
	Sample ID	1016910	1016912	1016913	1016994	1016995	1016922	1016999
	Sample Date	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/27/1993	05/27/1993
	Sample Time							
	Sample Depth	13' - 15'	7' - 9'	13' - 15'	13' - 15'	13' - 15'	7' - 9'	7' - 9'
	Laboratory	unkM	unkM	unkM	unkM	unk	unkM	unk
	Lab. Number	unk1016910	unk1016912	unk1016913	unk1016994	0250B052893B	unk1016922	0257B052793
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-48	SK-GP-50	SK-GP-50	SK-GP-50	SK-GP-50	SK-GP-56	SK-GP-57
	Sample ID	1016910	1016912	1016913	1016994	1016995	1016922	1016999
	Sample Date	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/27/1993	05/27/1993
	Sample Time							
	Sample Depth	13' - 15'	7' - 9'	13' - 15'	13' - 15'	13' - 15'	7' - 9'	7' - 9'
	Laboratory	unkM	unkM	unkM	unkM	unk	unkM	unk
	Lab. Number	unk1016910	unk1016912	unk1016913	unk1016994	0250B052893B	unk1016922	0257B052793
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	140.0					460.0	
Tetrachloroethylene (PCE)	ug/l	130.0	330.0	680.0	680.0	260.0	230.0	180.0
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-61	SK-GP-61	SK-GP-61	SK-GP-61	SK-GP-62	SK-GP-63	SK-GP-63
	Sample ID	1017003	1016931	1017004	1017005	1016934	1016935	1016936
	Sample Date	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993
	Sample Time							
	Sample Depth	7' - 9'	15' - 17'	15' - 17'	15' - 17'	15' - 17'	7' - 9'	11' - 13'
	Laboratory	unk	unkM	unkM	unk	unkM	unkM	unkM
	Lab. Number	0261B052893A	unk1016931	unk1017004	0261B052893B	unk1016934	unk1016935	unk1016936
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-61	SK-GP-61	SK-GP-61	SK-GP-61	SK-GP-62	SK-GP-63	SK-GP-63
	Sample ID	1017003	1016931	1017004	1017005	1016934	1016935	1016936
	Sample Date	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993
	Sample Time							
	Sample Depth	7' - 9'	15' - 17'	15' - 17'	15' - 17'	15' - 17'	7' - 9'	11' - 13'
	Laboratory	unk	unkM	unkM	unk	unkM	unkM	unkM
	Lab. Number	0261B052893A	unk1016931	unk1017004	0261B052893B	unk1016934	unk1016935	unk1016936
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	230.0				260.0	90.0	200.0
Tetrachloroethylene (PCE)	ug/l	810.0	208.0	208.0	110.0	590.0	270.0	480.0
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-64	SK-GP-65	SK-GP-66	SK-GP-66	SK-GP-68	SK-GP-68	SK-GP-68
	Sample ID	1016938	1016941	1016942	1016943	1016946	1016947	1017006
	Sample Date	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993
	Sample Time							
	Sample Depth	7' - 9'	11' - 13'	7' - 9'	11' - 13'	4' - 6'	12' - 14'	12' - 14'
	Laboratory	unkM	unkM	unkM	unkM	unkM	unkM	unkM
	Lab. Number	unk1016938	unk1016941	unk1016942	unk1016943	unk1016946	unk1016947	unk1017006
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-64	SK-GP-65	SK-GP-66	SK-GP-66	SK-GP-68	SK-GP-68	SK-GP-68
	Sample ID	1016938	1016941	1016942	1016943	1016946	1016947	1017006
	Sample Date	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993	05/28/1993
	Sample Time							
	Sample Depth	7' - 9'	11' - 13'	7' - 9'	11' - 13'	4' - 6'	12' - 14'	12' - 14'
	Laboratory	unkM	unkM	unkM	unkM	unkM	unkM	unkM
	Lab. Number	unk1016938	unk1016941	unk1016942	unk1016943	unk1016946	unk1016947	unk1017006
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	53.0		280.0	97.0	83.0	235.0	235.0
Tetrachloroethylene (PCE)	ug/l	113.0	90.0	180.0	205.0	105.0	320.0	320.0
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l						110.0	110.0
o- & p- Xylenes	ug/l						170.0	170.0

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-68	SK-MW-05	SK-MW-05	SK-MW-05	SK-MW-05	SK-MW-05	SK-MW-05
	Sample ID	1017007	31390090554	31390112029	31391022205	30291052903	02051111491	02051060992
	Sample Date	05/28/1993	09/05/1990	11/20/1990	02/22/1991	05/29/1991	11/15/1991	06/10/1992
	Sample Time		12:08	13:29	11:53	10:00	:	:
	Sample Depth	12' - 14'	6.00' - 11.00	6.00' - 11.00	6.00' - 11.00	6.00' - 11.00	6.0' - 11.0'	6.0' - 11.0'
	Laboratory	unk	M&E?	M&E?	M&E?	AEL	CEIM	CEIM
	Lab. Number	0268B052893	31390090554	31390112029	28928443	289-28-1357	910637-18	920297-23
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft		8.02	7.49	7.14	7.43		
Water Elevation	Ft		39.17	39.70	40.05	39.76		
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L						0.022	
Lead (unfiltered)	mg/L					0.017		
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l			3545				
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-GP-68	SK-MW-05	SK-MW-05	SK-MW-05	SK-MW-05	SK-MW-05	SK-MW-05
	Sample ID	1017007	31390090554	31390112029	31391022205	30291052903	02051111491	02051060992
	Sample Date	05/28/1993	09/05/1990	11/20/1990	02/22/1991	05/29/1991	11/15/1991	06/10/1992
	Sample Time		12:08	13:29	11:53	10:00	:	:
	Sample Depth	12' - 14'	6.00' - 11.00	6.00' - 11.00	6.00' - 11.00	6.00' - 11.00	6.0' - 11.0'	6.0' - 11.0'
	Laboratory	unk	M&E?	M&E?	M&E?	AEL	CEIM	CEIM
	Lab. Number	0268B052893	31390090554	31390112029	28928443	289-28-1357	910637-18	920297-23
Constituent	Units							
trans-1,2-Dichloroethene	ug/l		931.0	3928			900	
cis-1,2-Dichloroethylene	ug/l	160.0			3000	2000		
Tetrachloroethylene (PCE)	ug/l	390.0	3186.0	3545	11000	8300	13000	16000
Trichloroethylene (TCE)	ug/L				2800			
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l	60.0						
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-MW-05	SK-MW-05	SK-MW-05	SK-MW-05	SK-MW-05	SK-MW-08D	SK-MW-08D
	Sample ID	1016815	1018181	1634447	1846178	1846179	1634506	1647357
	Sample Date	06/01/1993	09/11/1996	06/02/1997	09/27/1999	09/27/1999	06/06/1997	11/21/1997
	Sample Time		15:12	15:10	16:10	16:15	:	15:30
	Sample Depth	6.00' - 11.00	6.0' - 11.0'	6.0' - 11.0'	6.0' - 11.0'	6.0' - 11.0'	49.0' - 59.0'	49.0' - 59.0'
	Laboratory	unkM	AEL	QUAN	QUAN	QUAN	QUAN	QUAN
	Lab. Number	unk1016815	AEL96010193	A7F040101012	A9I290137015	A9I290137017	A7F090101008	A7K240127006
Constituent	Units							
Depth of Well	Ft		13.12	13.20	13.38	13.38		55.25
Depth To Water	Ft		8.58	7.10	7.28	7.28		8.32
Water Elevation	Ft		38.61	40.09	39.91	39.91		36.70
Date Metals Analyzed	-						06/20/1997	12/01/1997
Date Organics Analyzed	-		09/17/1996	06/13/1997	10/06/1999	10/06/1999		
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L						0.124	0.0635
Arsenic (unfiltered)	mg/L							
Barium	mg/L						7.82	3.48
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L						1.34	0.627
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L						0.467	0.204
Lead (unfiltered)	mg/L							
Nickel	mg/L						1.22	
Silver	mg/L							
Zinc	mg/L						3.47	1.37
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-MW-05	SK-MW-05	SK-MW-05	SK-MW-05	SK-MW-05	SK-MW-08D	SK-MW-08D
	Sample ID	1016815	1018181	1634447	1846178	1846179	1634506	1647357
	Sample Date	06/01/1993	09/11/1996	06/02/1997	09/27/1999	09/27/1999	06/06/1997	11/21/1997
	Sample Time		15:12	15:10	16:10	16:15	:	15:30
	Sample Depth	6.00' - 11.00	6.0' - 11.0'	6.0' - 11.0'	6.0' - 11.0'	6.0' - 11.0'	49.0' - 59.0'	49.0' - 59.0'
	Laboratory	unkM	AEL	QUAN	QUAN	QUAN	QUAN	QUAN
	Lab. Number	unk1016815	AEL96010193	A7F040101012	A9I290137015	A9I290137017	A7F090101008	A7K240127006
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	377.0	180					
Tetrachloroethylene (PCE)	ug/l	640.0	2300	4100	2800	2900		
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-MW-08D	SK-MW-11	SK-MW-12	SK-MW-14I	SK-MW-14I	SK-MW-14I	SK-MW-14I
	Sample ID	1846194	02111111391	1647339	020141052693	1016895	13141052693	1018180
	Sample Date	10/01/1999	11/14/1991	11/20/1997	05/26/1993	05/26/1993	05/26/1993	09/11/1996
	Sample Time	12:15		10:43	:			14:56
	Sample Depth	49.0' - 59.0'	5.00' - 15.00	4.5' - 14.5'	10.0' - 15.0'	10.00' - 15.0	10.00' - 15.0	10.0' - 15.0'
	Laboratory	QUAN	CEIM	QUAN	ENS	unkM	ENS	AEL
	Lab. Number	A9J020168002	910627-09	A7K240137002	0288560006SA	unk1016895	0288560007SA	AEL96010192
Constituent	Units							
Depth of Well	Ft	56		13.08				16.83
Depth To Water	Ft	9.06		6.29				7.31
Water Elevation	Ft	35.96		39.63				39.54
Date Metals Analyzed	-	10/05/1999		12/07/1997				
Date Organics Analyzed	-				06/04/1993		06/04/1993	09/17/1996
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0454						
Barium	mg/L							
Barium (unfiltered)	mg/L	3.11						
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.213						
Copper (unfiltered)	mg/L	0.143						
Lead	mg/L			0.0124				
Lead (unfiltered)	mg/L	0.0681						
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l				86			
1,1-Dichloroethylene	ug/l					366.4		

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-MW-08D	SK-MW-11	SK-MW-12	SK-MW-14I	SK-MW-14I	SK-MW-14I	SK-MW-14I
	Sample ID	1846194	02111111391	1647339	020141052693	1016895	13141052693	1018180
	Sample Date	10/01/1999	11/14/1991	11/20/1997	05/26/1993	05/26/1993	05/26/1993	09/11/1996
	Sample Time	12:15		10:43	:			14:56
	Sample Depth	49.0' - 59.0'	5.00' - 15.00	4.5' - 14.5'	10.0' - 15.0'	10.00' - 15.0	10.00' - 15.0	10.0' - 15.0'
	Laboratory	QUAN	CEIM	QUAN	ENS	unkM	ENS	AEL
	Lab. Number	A9J020168002	910627-09	A7K240137002	0288560006SA	unk1016895	0288560007SA	AEL96010192
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l					5280.0		2000
Tetrachloroethylene (PCE)	ug/l		1200		22000	12280.0	24000	25000 J1
Trichloroethylene (TCE)	ug/L					2706.0	3800	3600
Xylenes	ug/L						3300	
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-MW-141	SK-MW-141	SK-MW-151	SK-MW-151	SK-MW-151	SK-MW-151	SK-MW-151
	Sample ID	1634502	1647342	02151052693	1018105	1634483	1647346	1846176
	Sample Date	06/06/1997	11/20/1997	05/26/1993	09/12/1996	06/04/1997	11/20/1997	09/27/1999
	Sample Time	11:15	13:17	:	15:58	10:48	14:50	15:00
	Sample Depth	10.0' - 15.0'	10.0' - 15.0'	10.0' - 15.0'	10.0' - 15.0'	10.0' - 15.0'	10.0' - 15.0'	10.0' - 15.0'
	Laboratory	QUAN	QUAN	ENS	AEL	QUAN	QUAN	QUAN
	Lab. Number	A7F090101004	A7K240137005	0288560008SA	AEL96010294	A7F050147006	A7K240137009	A9I290137011
Constituent	Units							
Depth of Well	Ft	16.83	16.80		15.04	15.04	15.00	18.03
Depth To Water	Ft	4.90	7.03		7.59	4.72	7.43	7.39
Water Elevation	Ft	41.95	39.82		41.76	44.63	41.92	41.96
Date Metals Analyzed	-	06/18/1997						
Date Organics Analyzed	-	06/19/1997	12/01/1997	06/04/1993	09/22/1996	06/17/1997	12/01/1997	10/05/1999
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L	0.0157						
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-MW-14I	SK-MW-14I	SK-MW-15I	SK-MW-15I	SK-MW-15I	SK-MW-15I	SK-MW-15I
	Sample ID	1634502	1647342	02151052693	1018105	1634483	1647346	1846176
	Sample Date	06/06/1997	11/20/1997	05/26/1993	09/12/1996	06/04/1997	11/20/1997	09/27/1999
	Sample Time	11:15	13:17	:	15:58	10:48	14:50	15:00
	Sample Depth	10.0' - 15.0'	10.0' - 15.0'	10.0' - 15.0'	10.0' - 15.0'	10.0' - 15.0'	10.0' - 15.0'	10.0' - 15.0'
	Laboratory	QUAN	QUAN	ENS	AEL	QUAN	QUAN	QUAN
	Lab. Number	A7F090101004	A7K240137005	0288560008SA	AEL96010294	A7F050147006	A7K240137009	A9I290137011
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l				1000	120	490	
Tetrachloroethylene (PCE)	ug/l	15000	40000	7200	4900	400	1100	1100
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-MW-19	SK-MW-19	SK-MW-19	SK-MW-19	SK-MW-20	SK-MW-20	SK-MW-20
	Sample ID	1018179	1634485	1647341	1846187	1018104	1634487	1647353
	Sample Date	09/11/1996	06/04/1997	11/20/1997	09/29/1999	09/12/1996	06/04/1997	11/21/1997
	Sample Time	14:26	11:35	11:45	10:55	15:23	13:15	12:10
	Sample Depth	3.5' - 13.5'	3.5' - 13.5'	3.5' - 13.5'	3.5' - 13.5'	4.0' - 14.0'	4.0' - 14.0'	4.0' - 14.0'
	Laboratory	AEL	QUAN	QUAN	QUAN	AEL	QUAN	QUAN
	Lab. Number	AEL96010191	A7F050147008	A7K240137004	A9J010129013	AEL96010293	A7F050147010	A7K240127003
Constituent	Units							
Depth of Well	Ft	17.17	17.17	17.20	17.17	17.27	17.27	17.28
Depth To Water	Ft	10.19	9.05	9.86	8.87	12.02	11.02	11.88
Water Elevation	Ft	38.80	39.94	39.13	40.12	38.03	39.03	38.17
Date Metals Analyzed	-	09/16/1996	06/17/1997	12/07/1997	10/11/1999			
Date Organics Analyzed	-	09/17/1996		11/30/1997		09/22/1996	06/17/1997	12/04/1997
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L	0.0168	0.0270	0.0350				
Cadmium (unfiltered)	mg/L				0.0135			
Chromium, Total	mg/L	0.115						
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-MW-19	SK-MW-19	SK-MW-19	SK-MW-19	SK-MW-20	SK-MW-20	SK-MW-20
	Sample ID	1018179	1634485	1647341	1846187	1018104	1634487	1647353
	Sample Date	09/11/1996	06/04/1997	11/20/1997	09/29/1999	09/12/1996	06/04/1997	11/21/1997
	Sample Time	14:26	11:35	11:45	10:55	15:23	13:15	12:10
	Sample Depth	3.5' - 13.5'	3.5' - 13.5'	3.5' - 13.5'	3.5' - 13.5'	4.0' - 14.0'	4.0' - 14.0'	4.0' - 14.0'
	Laboratory	AEL	QUAN	QUAN	QUAN	AEL	QUAN	QUAN
	Lab. Number	AEL96010191	A7F050147008	A7K240137004	A9J010129013	AEL96010293	A7F050147010	A7K240127003
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	58				570		
Tetrachloroethylene (PCE)	ug/l	97		110		8000	2500	4700
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-MW-20	SK-MW-21	SK-MW-24	SK-MW-24	SK-MW-24	SK-MW-26a	SK-SB-133
	Sample ID	1846182	1647343	1018177	1018178	1846185	1952723	1630746
	Sample Date	09/29/1999	11/20/1997	09/11/1996	09/11/1996	09/29/1999	02/03/2000	03/26/1997
	Sample Time	09:20	13:45	14:10	14:15	10:20	10:30	13:00
	Sample Depth	4.0' - 14.0'	3.5' - 13.5'	3.0' - 13.0'	3.0' - 13.0'	3.0' - 13.0'	5' - 9'	7.0' - 10.0'
	Laboratory	QUAN	QUAN	AEL	AEL	QUAN	STLC	AEL
	Lab. Number	A9J010129002	A7K240137006	AEL96010189	AEL96010190	A9J010129008	A0B040166007	AEL97003650
Constituent	Units							
Depth of Well	Ft	17.27	13.14	15.83	15.83	15.82		
Depth To Water	Ft	10.31	8.41	9.12	9.12	8.37		
Water Elevation	Ft	39.74	39.45	40.03	40.03	40.78		
Date Metals Analyzed	-					10/06/1999	02/10/2000	
Date Organics Analyzed	-	10/06/1999	12/03/1997	09/17/1996	09/17/1996			04/09/1997
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L					0.0060		
Arsenic (unfiltered)	mg/L						0.0237	
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L						0.149	
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L						0.148	
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L						0.0551	
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							180 J
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-MW-20	SK-MW-21	SK-MW-24	SK-MW-24	SK-MW-24	SK-MW-26a	SK-SB-133
	Sample ID	1846182	1647343	1018177	1018178	1846185	1952723	1630746
	Sample Date	09/29/1999	11/20/1997	09/11/1996	09/11/1996	09/29/1999	02/03/2000	03/26/1997
	Sample Time	09:20	13:45	14:10	14:15	10:20	10:30	13:00
	Sample Depth	4.0' - 14.0'	3.5' - 13.5'	3.0' - 13.0'	3.0' - 13.0'	3.0' - 13.0'	5' - 9'	7.0' - 10.0'
	Laboratory	QUAN	QUAN	AEL	AEL	QUAN	STLC	AEL
	Lab. Number	A9J010129002	A7K240137006	AEL96010189	AEL96010190	A9J010129008	A0B040166007	AEL97003650
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l			390	400			
Tetrachloroethylene (PCE)	ug/l	1200	4000	710	680			
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-137	SK-SB-182	SK-SB-184	SK-SB-191	SK-SB-215	SK-SB-222	SK-SB-230
	Sample ID	1630740	1632482	1632487	1632488	1640261	1640264	1641426
	Sample Date	03/25/1997	04/29/1997	04/30/1997	04/30/1997	08/14/1997	08/14/1997	08/26/1997
	Sample Time	13:55	14:00	10:20	12:45	10:20	13:40	12:20
	Sample Depth	10.0' - 13.0'	11' - 14'	11' - 14'	11' - 14'	6.5' - 10.0'	4.5' - 8'	10' - 13'
	Laboratory	AEL	AEL	AEL	AEL	QUAN	QUAN	QUAN
	Lab. Number	AEL97003648	AEL97004837	AEL97004842	AEL97004843	A7H160119004	A7H150127006	A7H290116004
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-	04/04/1997	05/12/1997	05/12/1997	05/12/1997		08/28/1997	09/08/1997
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L					21		
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L	53 J1						110
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-137	SK-SB-182	SK-SB-184	SK-SB-191	SK-SB-215	SK-SB-222	SK-SB-230
	Sample ID	1630740	1632482	1632487	1632488	1640261	1640264	1641426
	Sample Date	03/25/1997	04/29/1997	04/30/1997	04/30/1997	08/14/1997	08/14/1997	08/26/1997
	Sample Time	13:55	14:00	10:20	12:45	10:20	13:40	12:20
	Sample Depth	10.0' - 13.0'	11' - 14'	11' - 14'	11' - 14'	6.5' - 10.0'	4.5' - 8'	10' - 13'
	Laboratory	AEL	AEL	AEL	AEL	QUAN	QUAN	QUAN
	Lab. Number	AEL97003648	AEL97004837	AEL97004842	AEL97004843	A7H160119004	A7H150127006	A7H290116004
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l		2800 J1	85 J1	110 J			
Tetrachloroethylene (PCE)	ug/l		4600 J1	580 J1				
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L						80	
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-232	SK-SB-234	SK-SB-253	SK-SB-266	SK-SB-266	SK-SB-267	SK-SB-268
	Sample ID	1641427	1641440	1642965	1642963	1642964	1642961	1642960
	Sample Date	08/26/1997	08/26/1997	09/15/1997	09/15/1997	09/15/1997	09/12/1997	09/12/1997
	Sample Time	13:05	14:25	11:30	10:40	10:40	14:45	14:20
	Sample Depth	10' - 13'	10' - 13'	9.5' - 13.0'	9.5' - 13'	9.5' - 13.0'	9.5' - 13.0'	9.5' - 13'
	Laboratory	QUAN	QUAN	QUAN	QUAN	QUAN	QUAN	QUAN
	Lab. Number	A7H290116005	A7H290111003	A7I160163007	A7I160163005	A7I160163006	A7I150107003	A7I150107002
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-	09/08/1997	09/08/1997	09/23/1997	09/23/1997	09/23/1997	09/22/1997	09/22/1997
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L							
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L	360	64					
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-232	SK-SB-234	SK-SB-253	SK-SB-266	SK-SB-266	SK-SB-267	SK-SB-268
	Sample ID	1641427	1641440	1642965	1642963	1642964	1642961	1642960
	Sample Date	08/26/1997	08/26/1997	09/15/1997	09/15/1997	09/15/1997	09/12/1997	09/12/1997
	Sample Time	13:05	14:25	11:30	10:40	10:40	14:45	14:20
	Sample Depth	10' - 13'	10' - 13'	9.5' - 13.0'	9.5' - 13'	9.5' - 13.0'	9.5' - 13.0'	9.5' - 13'
	Laboratory	QUAN	QUAN	QUAN	QUAN	QUAN	QUAN	QUAN
	Lab. Number	A7H290116005	A7H290111003	A7I160163007	A7I160163005	A7I160163006	A7I150107003	A7I150107002
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l			850	3000	3000	140	600
Tetrachloroethylene (PCE)	ug/l			290	1100	1100		340
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-269	SK-SB-269	SK-SB-270	SK-SB-270	SK-SB-271	SK-SB-272	SK-SB-272
	Sample ID	1948113	1948114	1948115	1948116	1948118	1948107	1948108
	Sample Date	01/27/2000	01/27/2000	01/27/2000	01/27/2000	01/27/2000	01/20/2000	01/20/2000
	Sample Time	10:15	10:35	11:00	11:20	12:00	15:15	15:20
	Sample Depth	5' - 9'	10' - 14'	4' - 8'	8' - 12'	8' - 12'	5.5' - 8'	10' - 14'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0A280163002	A0A280163004	A0A280163006	A0A280163008	A0A280163012	A0A210207026	A0A210207028
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-	02/02/2000	02/02/2000	02/02/2000	02/02/2000	02/02/2000	02/01/2000	02/01/2000
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0041	0.0120	0.0384	0.0062	0.0046	0.0069	0.0063
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L		0.163				0.148	0.165
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L		0.0470	0.0224	0.0121		0.0194	0.0240
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-269	SK-SB-269	SK-SB-270	SK-SB-270	SK-SB-271	SK-SB-272	SK-SB-272
	Sample ID	1948113	1948114	1948115	1948116	1948118	1948107	1948108
	Sample Date	01/27/2000	01/27/2000	01/27/2000	01/27/2000	01/27/2000	01/20/2000	01/20/2000
	Sample Time	10:15	10:35	11:00	11:20	12:00	15:15	15:20
	Sample Depth	5' - 9'	10' - 14'	4' - 8'	8' - 12'	8' - 12'	5.5' - 8'	10' - 14'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0A280163002	A0A280163004	A0A280163006	A0A280163008	A0A280163012	A0A210207026	A0A210207028
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-273	SK-SB-273	SK-SB-274	SK-SB-274	SK-SB-275	SK-SB-275	SK-SB-276
	Sample ID	1948105	1948106	1948097	1948098	1948095	1948096	1948104
	Sample Date	01/20/2000	01/20/2000	01/20/2000	01/20/2000	01/20/2000	01/20/2000	01/20/2000
	Sample Time	14:30	14:35	11:00	11:10	10:10	10:20	14:15
	Sample Depth	5.5' - 7'	8' - 12'	5.5' - 7'	7' - 11'	5.5' - 7.0'	7' - 11'	7' - 11'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0A210207022	A0A210207024	A0A210207006	A0A210207008	A0A210207002	A0A210207004	A0A210207020
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-	02/01/2000	02/01/2000	02/01/2000	02/01/2000	02/01/2000	02/01/2000	02/01/2000
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0298	0.0134	0.0085	0.0194	0.0062	0.0059	0.0078
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.185	0.249	0.134	0.444	0.112	0.281	0.336
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L	0.0355	0.0395	0.0161	0.0461	0.0141	0.0234	0.0253
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-273	SK-SB-273	SK-SB-274	SK-SB-274	SK-SB-275	SK-SB-275	SK-SB-276
	Sample ID	1948105	1948106	1948097	1948098	1948095	1948096	1948104
	Sample Date	01/20/2000	01/20/2000	01/20/2000	01/20/2000	01/20/2000	01/20/2000	01/20/2000
	Sample Time	14:30	14:35	11:00	11:10	10:10	10:20	14:15
	Sample Depth	5.5' - 7'	8' - 12'	5.5' - 7'	7' - 11'	5.5' - 7.0'	7' - 11'	7' - 11'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0A210207022	A0A210207024	A0A210207006	A0A210207008	A0A210207002	A0A210207004	A0A210207020
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-277	SK-SB-278	SK-SB-279	SK-SB-279	SK-SB-281	SK-SB-282	SK-SB-283
	Sample ID	1948100	1948102	1948093	1948094	1948122	1948124	1958129
	Sample Date	01/20/2000	01/20/2000	01/19/2000	01/19/2000	01/27/2000	01/27/2000	02/01/2000
	Sample Time	11:45	13:45	14:20	14:25	13:45	14:15	11:40
	Sample Depth	7' - 11'	7' - 11'	5' - 9'	7' - 11'	5' - 9'	5' - 9'	12' - 16'
	Laboratory	STLC	STLC	QUAN	QUAN	STLC	STLC	STLC
	Lab. Number	A0A210207012	A0A210207016	A0A200189044	A0A200189045	A0A280163018	A0A280163022	A0B020201009
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-	02/01/2000	02/01/2000	01/28/2000	01/28/2000	02/02/2000	02/02/2000	02/10/2000
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0042	0.0058	0.0305	0.028	0.0046	0.0058	0.0180
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.135		0.381 E	0.659 E			0.226
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L	0.0160	0.0227	0.131	0.118	0.0171	0.0176	0.0406
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L			0.655				
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-277	SK-SB-278	SK-SB-279	SK-SB-279	SK-SB-281	SK-SB-282	SK-SB-283
	Sample ID	1948100	1948102	1948093	1948094	1948122	1948124	1958129
	Sample Date	01/20/2000	01/20/2000	01/19/2000	01/19/2000	01/27/2000	01/27/2000	02/01/2000
	Sample Time	11:45	13:45	14:20	14:25	13:45	14:15	11:40
	Sample Depth	7' - 11'	7' - 11'	5' - 9'	7' - 11'	5' - 9'	5' - 9'	12' - 16'
	Laboratory	STLC	STLC	QUAN	QUAN	STLC	STLC	STLC
	Lab. Number	A0A210207012	A0A210207016	A0A200189044	A0A200189045	A0A280163018	A0A280163022	A0B020201009
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-284	SK-SB-284	SK-SB-286	SK-SB-286	SK-SB-287	SK-SB-287	SK-SB-288
	Sample ID	1958130	1958131	1958132	1958133	1952729	1952728	1952731
	Sample Date	02/01/2000	02/01/2000	02/01/2000	02/01/2000	02/16/2000	02/16/2000	02/16/2000
	Sample Time	13:15	13:30	14:20	14:40	12:00	11:45	13:35
	Sample Depth	5' - 9'	12' - 16'	6' - 10'	12.5' - 16.5'	5.5' - 9.5'	10' - 14'	11' - 15'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0B020201010	A0B020201011	A0B020201012	A0B020201013	A0B180179002	A0B180179001	A0B180179004
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-	02/10/2000	02/10/2000	02/10/2000	02/10/2000	02/23/2000	02/23/2000	02/23/2000
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0359	0.0114	0.0086	0.0087	0.0406	0.0250	0.0120
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L						0.0135	
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.288	0.119			0.342	0.207	
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L	0.0806	0.0323	0.0162	0.0183	0.0945	0.0542 L	0.0329
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L						0.832 L	
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-284	SK-SB-284	SK-SB-286	SK-SB-286	SK-SB-287	SK-SB-287	SK-SB-288
	Sample ID	1958130	1958131	1958132	1958133	1952729	1952728	1952731
	Sample Date	02/01/2000	02/01/2000	02/01/2000	02/01/2000	02/16/2000	02/16/2000	02/16/2000
	Sample Time	13:15	13:30	14:20	14:40	12:00	11:45	13:35
	Sample Depth	5' - 9'	12' - 16'	6' - 10'	12.5' - 16.5'	5.5' - 9.5'	10' - 14'	11' - 15'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0B020201010	A0B020201011	A0B020201012	A0B020201013	A0B180179002	A0B180179001	A0B180179004
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-289	SK-SB-289	SK-SB-290	SK-SB-290	SK-SB-291	SK-SB-292	SK-SB-292
	Sample ID	1952733	1952732	1952734	1952735	1952737	1952738	1952739
	Sample Date	02/16/2000	02/16/2000	02/17/2000	02/17/2000	02/17/2000	02/17/2000	02/17/2000
	Sample Time	15:20	15:00	10:40	10:40	12:05	14:10	14:15
	Sample Depth	6' - 10'	11' - 15'	5' - 9'	12' - 16'	12' - 16'	5' - 9'	12' - 16'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0B180179006	A0B180179005	A0B180179008	A0B180179009	A0B180179011	A0B180179012	A0B180179013
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-	02/23/2000	02/23/2000	02/24/2000	02/24/2000	02/23/2000	02/23/2000	02/23/2000
Date Organics Analyzed	-							02/24/2000
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0056	0.0104	0.0568	0.0765	0.0087	0.0079	0.0105
Barium	mg/L							
Barium (unfiltered)	mg/L			2.43				
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L				0.0134			
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L			0.502	0.521			
Copper (unfiltered)	mg/L							
Lead	mg/L							
Lead (unfiltered)	mg/L	0.0165	0.0252	0.177	0.202	0.0277		0.0263
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L			1.04	0.769			
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-289	SK-SB-289	SK-SB-290	SK-SB-290	SK-SB-291	SK-SB-292	SK-SB-292
	Sample ID	1952733	1952732	1952734	1952735	1952737	1952738	1952739
	Sample Date	02/16/2000	02/16/2000	02/17/2000	02/17/2000	02/17/2000	02/17/2000	02/17/2000
	Sample Time	15:20	15:00	10:40	10:40	12:05	14:10	14:15
	Sample Depth	6' - 10'	11' - 15'	5' - 9'	12' - 16'	12' - 16'	5' - 9'	12' - 16'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0B180179006	A0B180179005	A0B180179008	A0B180179009	A0B180179011	A0B180179012	A0B180179013
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							110
Tetrachloroethylene (PCE)	ug/l							
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-293	SK-SB-294	SK-SB-306	SK-SB-306	SK-SB-307	SK-SB-307	SK-SB-308
	Sample ID	1952740	1952742	1972225	1972224	1972227	1972226	1972228
	Sample Date	02/17/2000	02/18/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000
	Sample Time	15:30	10:20	09:40	09:30	10:15	10:25	10:40
	Sample Depth	14' - 18'	12' - 16'	5.1' - 7.5'	10' - 14'	5.0' - 8.8'	10' - 14'	5.4' - 9.0'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0B180179014	A0B210110001	A0J200243004	A0J200243002	A0J200243008	A0J200243006	A0J200243010
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft			0	5.08	5.0	5.0	5.4
Water Elevation	Ft							
Date Metals Analyzed	-	02/23/2000	02/23/2000	11/10/2000	11/10/2000	11/10/2000	11/10/2000	11/10/2000
Date Organics Analyzed	-	02/24/2000	02/24/2000					
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0199	0.0186	0.0073	0.0378	0.0376	0.0409	0.0391
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	0.0974						
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L		0.323	0.12	0.129	0.657	0.678	0.509
Copper (unfiltered)	mg/L			0.0669	0.0710	0.351	0.276	0.332
Lead	mg/L							
Lead (unfiltered)	mg/L	0.0350	0.0391	0.0175	0.0408	0.0843	0.105	0.0965
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L					1.27		1.39
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-293	SK-SB-294	SK-SB-306	SK-SB-306	SK-SB-307	SK-SB-307	SK-SB-308
	Sample ID	1952740	1952742	1972225	1972224	1972227	1972226	1972228
	Sample Date	02/17/2000	02/18/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000
	Sample Time	15:30	10:20	09:40	09:30	10:15	10:25	10:40
	Sample Depth	14' - 18'	12' - 16'	5.1' - 7.5'	10' - 14'	5.0' - 8.8'	10' - 14'	5.4' - 9.0'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0B180179014	A0B210110001	A0J200243004	A0J200243002	A0J200243008	A0J200243006	A0J200243010
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	550						
Tetrachloroethylene (PCE)	ug/l	380	390					
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-308	SK-SB-309	SK-SB-309	SK-SB-310	SK-SB-310	SK-SB-311	SK-SB-311
	Sample ID	1972229	1972248	1972249	1972230	1972231	1972246	1972246
	Sample Date	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000
	Sample Time	10:50	14:55	15:05	11:05	11:15	14:30	14:30
	Sample Depth	9' - 13'	5' - 9'	7.5' - 11.5'	5' - 9.0'	8' - 12.0'	5' - 9'	5' - 9'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0J200243012	A0J200243048	A0J200243050	A0J200243014	A0J200243016	A0J200243043	A0J200243044
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft	5.4			4.9	4.9		
Water Elevation	Ft							
Date Metals Analyzed	-	11/10/2000	11/10/2000	11/10/2000	11/10/2000	11/10/2000		11/10/2000
Date Organics Analyzed	-						11/02/2000	
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.106	0.0208	0.0132	0.0263	0.0442		0.115
Barium	mg/L							
Barium (unfiltered)	mg/L	3.7				2.75		
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.615	0.124 E	0.133 E	0.477	0.601		0.457 E
Copper (unfiltered)	mg/L	0.39	0.0805	0.0754	0.261	0.349		0.355
Lead	mg/L							
Lead (unfiltered)	mg/L	0.2	0.0287 E	0.0303 E	0.0980	0.127		0.118 E
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L	0.919			0.887	0.695		0.908 E
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-308	SK-SB-309	SK-SB-309	SK-SB-310	SK-SB-310	SK-SB-311	SK-SB-311
	Sample ID	1972229	1972248	1972249	1972230	1972231	1972246	1972246
	Sample Date	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000
	Sample Time	10:50	14:55	15:05	11:05	11:15	14:30	14:30
	Sample Depth	9' - 13'	5' - 9'	7.5' - 11.5'	5' - 9.0'	8' - 12.0'	5' - 9'	5' - 9'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0J200243012	A0J200243048	A0J200243050	A0J200243014	A0J200243016	A0J200243043	A0J200243044
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l						69	
Tetrachloroethylene (PCE)	ug/l						270	
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-311	SK-SB-311	SK-SB-312	SK-SB-312	SK-SB-313	SK-SB-313	SK-SB-313
	Sample ID	1972247	1972247	1972233	1972233	1972244	1972244	1972245
	Sample Date	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000
	Sample Time	14:35	14:35	11:45	11:45	14:18	14:18	14:20
	Sample Depth	7' - 11'	7' - 11'	7.5' - 11.5'	7.5' - 11.5'	5' - 9'	5' - 9'	7' - 11'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0J200243045	A0J200243046	A0J200243019	A0J200243020	A0J200243039	A0J200243040	A0J200243041
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft			5.34	5.34			
Water Elevation	Ft							
Date Metals Analyzed	-		11/10/2000		11/10/2000		11/10/2000	
Date Organics Analyzed	-	11/02/2000		11/01/2000		11/01/2000		11/01/2000
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L		0.0186		0.0299		0.0239	
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L		0.143 E		0.334		0.458 E	
Copper (unfiltered)	mg/L		0.0987		0.166		0.302	
Lead	mg/L							
Lead (unfiltered)	mg/L		0.0479 E		0.0621		0.0864 E	
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-311	SK-SB-311	SK-SB-312	SK-SB-312	SK-SB-313	SK-SB-313	SK-SB-313
	Sample ID	1972247	1972247	1972233	1972233	1972244	1972244	1972245
	Sample Date	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000
	Sample Time	14:35	14:35	11:45	11:45	14:18	14:18	14:20
	Sample Depth	7' - 11'	7' - 11'	7.5' - 11.5'	7.5' - 11.5'	5' - 9'	5' - 9'	7' - 11'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0J200243045	A0J200243046	A0J200243019	A0J200243020	A0J200243039	A0J200243040	A0J200243041
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l	110		53		80		82
Tetrachloroethylene (PCE)	ug/l	440		160		450		350
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-313	SK-SB-314	SK-SB-314	SK-SB-315	SK-SB-315	SK-SB-315	SK-SB-316
	Sample ID	1972245	1972234	1972235	1972240	1972242	1972243	1972236
	Sample Date	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000
	Sample Time	14:20	12:00	12:05	13:45	13:55	13:55	12:38
	Sample Depth	7' - 11'	5' - 9.0'	6.5' - 10.5'	5.0' - 9.00'	7.0' - 11.0'	7.0' - 11.0'	5' - 8.75'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0J200243042	A0J200243022	A0J200243024	A0J200243034	A0J200243036	A0J200243038	A0J200243026
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft		5.0	5.0				5.0
Water Elevation	Ft							
Date Metals Analyzed	-	11/10/2000	11/10/2000	11/10/2000	11/10/2000	11/10/2000	11/10/2000	11/10/2000
Date Organics Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0146	0.0049	0.0164	0.0506	0.0282	0.0086	0.0167
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.202 E		0.113	0.188 E	0.107 E		0.157
Copper (unfiltered)	mg/L	0.11		0.0620	0.124	0.0561		0.0687
Lead	mg/L							
Lead (unfiltered)	mg/L	0.0355 E		0.0311	0.0513 E	0.0309 E		0.0380
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-313	SK-SB-314	SK-SB-314	SK-SB-315	SK-SB-315	SK-SB-315	SK-SB-316
	Sample ID	1972245	1972234	1972235	1972240	1972242	1972243	1972236
	Sample Date	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000
	Sample Time	14:20	12:00	12:05	13:45	13:55	13:55	12:38
	Sample Depth	7' - 11'	5' - 9.0'	6.5' - 10.5'	5.0' - 9.00'	7.0' - 11.0'	7.0' - 11.0'	5' - 8.75'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0J200243042	A0J200243022	A0J200243024	A0J200243034	A0J200243036	A0J200243038	A0J200243026
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-316	SK-SB-317	SK-SB-317	SK-SB-318			
	Sample ID	1972237	1972238	1972239	1972252			
	Sample Date	10/19/2000	10/19/2000	10/19/2000	10/27/2000			
	Sample Time	12:45	13:20	13:25	09:45			
	Sample Depth	7.5' - 11.5'	5' - 9.0'	7' - 11.0'	11' - 15'			
	Laboratory	STLC	STLC	STLC	STLC			
	Lab. Number	A0J200243028	A0J200243030	A0J200243032	A0J300171001			
Constituent	Units							
Depth of Well	Ft				15			
Depth To Water	Ft	5.0	5.0	5.0				
Water Elevation	Ft							
Date Metals Analyzed	-	11/10/2000	11/10/2000	11/10/2000				
Date Organics Analyzed	-				11/08/2000			
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0426	0.0160	0.0207				
Barium	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.417 E	0.179 E	0.207 E				
Copper (unfiltered)	mg/L	0.253	0.0987	0.113				
Lead	mg/L							
Lead (unfiltered)	mg/L	0.116 E	0.0371 E	0.0449 E				
Nickel	mg/L							
Silver	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L	0.839 E						
Polychlorinated Biphenyls (PCBs) (calc.)	ug/L							
Benzo(a)pyrene	ug/L							
Benzene	ug/l							
1,1,2,2-Tetrachloroethane	ug/l							
1,1-Dichloroethane	ug/L							
Methyl-tert-butyl-ether	ug/l							
1,1-Dichloroethylene	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-316	SK-SB-317	SK-SB-317	SK-SB-318			
	Sample ID	1972237	1972238	1972239	1972252			
	Sample Date	10/19/2000	10/19/2000	10/19/2000	10/27/2000			
	Sample Time	12:45	13:20	13:25	09:45			
	Sample Depth	7.5' - 11.5'	5' - 9.0'	7' - 11.0'	11' - 15'			
	Laboratory	STLC	STLC	STLC	STLC			
	Lab. Number	A0J200243028	A0J200243030	A0J200243032	A0J300171001			
Constituent	Units							
trans-1,2-Dichloroethene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l				180			
Trichloroethylene (TCE)	ug/L							
Xylenes	ug/L							
m,p-Xylene (Sum of Isomers)	ug/l							
o- & p- Xylenes	ug/l							

Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-318	SK-SB-318	SK-SB-318	SK-SB-319	SK-SB-319	SK-SB-319	SK-SB-319
	Sample ID	1972252	1972253	1972253	1972254	1972254	1972255	1972255
	Sample Date	10/27/2000	10/27/2000	10/27/2000	10/27/2000	10/27/2000	10/27/2000	10/27/2000
	Sample Time	09:45	10:00	10:00	10:15	10:15	10:30	10:30
	Sample Depth	11' - 15'	14' - 18'	14' - 18'	8' - 12'	8' - 12'	12' - 16'	12' - 16'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0J300171002	A0J300171003	A0J300171004	A0J300171005	A0J300171006	A0J300171007	A0J300171008
Constituent	Units							
Depth of Well	Ft	15	18	18	12	12	16	16
Date Metals Analyzed	-	11/14/2000		11/14/2000	11/14/2000	11/14/2000		11/14/2000
Date Organics Analyzed	-		11/08/2000		11/08/2000		11/09/2000	
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0111		0.0406		0.0043		0.0093
Barium (unfiltered)	mg/L							
Cadmium	mg/L				0.0340			
Cadmium (unfiltered)	mg/L					0.0363		
Chromium, Total (unfiltered)	mg/L	0.198		0.38		0.354		
Copper (unfiltered)	mg/L			0.14				
Lead (unfiltered)	mg/L	0.0247		0.0846				0.0198
Zinc (unfiltered)	mg/L							
Naphthalene	ug/L							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/L							
cis-1,2-Dichloroethylene	ug/L		76				94	
Tetrachloroethylene (PCE)	ug/L		400		95		430	
Xylenes	ug/L							
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Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-320	SK-SB-320	SK-SB-320	SK-SB-320	SK-SB-321	SK-SB-322	SK-SB-322
	Sample ID	1972256	1972256	1972257	1972257	1972259	1972260	1972261
	Sample Date	10/27/2000	10/27/2000	10/27/2000	10/27/2000	10/27/2000	10/27/2000	10/27/2000
	Sample Time	10:45	10:45	11:00	11:00	11:30	11:45	12:00
	Sample Depth	8' - 12'	8' - 12'	12' - 16'	12' - 16'	8' - 12'	4' - 8'	8' - 12'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0J300171009	A0J300171010	A0J300171011	A0J300171012	A0J300171016	A0J300171018	A0J300171020
Constituent	Units							
Depth of Well	Ft	12	12	16	16	12	8	12
Date Metals Analyzed	-		11/14/2000		11/14/2000	11/14/2000	11/14/2000	11/14/2000
Date Organics Analyzed	-	11/09/2000		11/09/2000				
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L				0.0097	0.0718	0.0495	0.0122
Barium (unfiltered)	mg/L					2.59		
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total (unfiltered)	mg/L					0.6	0.3	0.105
Copper (unfiltered)	mg/L					0.399	0.214	
Lead (unfiltered)	mg/L		0.0167		0.0218	0.185	0.0732	0.0286
Zinc (unfiltered)	mg/L					0.848	0.709	
Naphthalene	ug/L							
1,1-Dichloroethane	ug/L							
Chloroethane	ug/L							
cis-1,2-Dichloroethylene	ug/L	79		90				
Tetrachloroethylene (PCE)	ug/L	290		330				
Xylenes	ug/L							
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Table 20
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
AIRPORT/KLONDIKE AREA - GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-75	SK-SB-76	SK-SB-77				
	Sample ID	1018039	1018040	1018042				
	Sample Date	09/16/1996	09/16/1996	09/17/1996				
	Sample Time	16:00	16:40	11:10				
	Sample Depth	9.5' - 10.5'	9.5' - 10.5'	9.0' - 10.5'				
	Laboratory	AEL	AEL	AEL				
	Lab. Number	AEL96010399	AEL96010400	AEL96010490				
Constituent	Units							
Depth of Well	Ft							
Date Metals Analyzed	-	09/19/1996	09/19/1996					
Date Organics Analyzed	-		09/26/1996	09/26/1996				
Date Semivolatile Organics Analyzed	-	10/09/1996						
Arsenic	mg/L	0.005	0.008					
Arsenic (unfiltered)	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							
Naphthalene	ug/L	260						
1,1-Dichloroethane	ug/L		2600	210				
Chloroethane	ug/L		3300 J1					
cis-1,2-Dichloroethylene	ug/L		780	6100 J				
Tetrachloroethylene (PCE)	ug/L		4500 J1	170				
Xylenes	ug/L		69 J1					

Table 21
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION - AIRPORT/KLONDIKE AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF PEWTERPOT BROOK & TRIBUTARIES

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NA-MW-06	1026977	02/26/1997	2.0 - 11.0	GW		x	x			x	x	
NA-MW-06	1634442	06/02/1997	2.0 - 11.0	GW		x				x	X	
NA-MW-06	1647308	11/18/1997	2.0 - 11.0	GW		x				x		
NA-MW-06	1647328	11/19/1997	2 - 11	GW							X	
NA-MW-06	1846132	09/17/1999	2.0 - 11.0	GW		x				x	x	
NA-SB-110	449010412-10	04/12/2001	4 - 8	GW		x				x	X	
NA-SB-111	449010412-12	04/12/2001	3 - 5	GW		x				x	X	
NA-SB-113	449010412-15	04/12/2001	3 - 5	GW		x				x	X	
NA-SB-40	1026980	02/26/1997	5 - 8	GW		x	x			x	x	
NA-SB-41	1026979	02/26/1997	5 - 8	GW		x	x			x	X	
NA-SB-49	1634261	06/04/1997	4 - 7	GW							X	
NK-SB-225	1021833	12/16/1996	10.0 - 12.0	GW		X	X			X		
NK-SB-226	1021834	12/16/1996	10.0 - 12.0	GW		X	X			X		
NK-SB-227	1021835	12/16/1996	10.0 - 12.0	GW		X	x			x		
SA-SB-102	1635863	06/26/1997	10.5 - 14	GW		x	x		x	x	x	
SA-SB-162	1638784	07/21/1997	9 - 12	GW		x	x			x		
SA-SB-162	1638785	07/21/1997	9.0 - 12.0	GW		x	x			x		
SA-SB-34	1021129	11/11/1996	10.5 - 12.5	GW		x				x	X	
SA-SB-70	1023130	12/06/1996	10 - 12	GW		x	x			x		
SA-SB-71	1023129	12/06/1996	9 - 11	GW		x	x			x		
SA-SB-84	1023994	01/15/1997	10.0 - 12.0	GW		X	x		x	x	x	
SA-SB-87	1023993	01/15/1997	10.0 - 12.0	GW		x	X		x	x	X	
SA-SB-88	1635855	06/25/1997	10.5 - 14	GW		x	x		x	x	X	
SA-SB-91	1635856	06/25/1997	10.5 - 14	GW		x	x		x	x	x	
SA-SB-95	1635857	06/25/1997	10.5 - 14	GW		x	x		x	x	X	
SA-SB-97	1635860	06/26/1997	10.5 - 14	GW		x	x		x	x	x	
SA-SB-99	1635861	06/26/1997	10.5 - 14	GW		x	x		x	x	x	
SA-SB-99	1635862	06/26/1997	10.5 - 14.0	GW		x	x		x	x	x	
SK-MW-19	1018179	09/11/1996	3.5 - 13.5	GW		X			x	x	X	
SK-MW-19	1634485	06/04/1997	3.5 - 13.5	GW		X					X	
SK-MW-19	1647341	11/20/1997	3.5 - 13.5	GW		X					X	
SK-MW-19	1846187	09/29/1999	3.5 - 13.5	GW		X					X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 21
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION - AIRPORT/KLONDIKE AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF PEWTERPOT BROOK & TRIBUTARIES

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-MW-20	1018104	09/12/1996	4.0 - 14.0	GW		X		x	x		X	x
SK-MW-20	1634487	06/04/1997	4.0 - 14.0	GW		X					x	
SK-MW-20	1647353	11/21/1997	4.0 - 14.0	GW		X					x	
SK-MW-20	1846182	09/29/1999	4.0 - 14.0	GW		X					X	
SK-MW-21	1018176	09/11/1996	3.5 - 13.5	GW		x			x	x	X	
SK-MW-21	1634486	06/04/1997	3.5 - 13.5	GW		x					X	
SK-MW-21	1647343	11/20/1997	3.5 - 13.5	GW		X					x	
SK-MW-21	1846191	09/29/1999	3.5 - 13.5	GW		x					X	
SK-MW-22	1018175	09/11/1996	3.0 - 13.0	GW		x			x	x	X	
SK-MW-22	1634488	06/04/1997	3.0 - 13.0	GW		x						
SK-MW-22	1634499	06/06/1997	3.0 - 13.0	GW							X	
SK-MW-22	1647351	11/21/1997	3.0 - 13.0	GW		x					X	
SK-MW-22	1846192	09/29/1999	3.0 - 13.0	GW		x					x	
SK-SB-199	1639020	07/29/1997	8 - 11	GW		X	x			x		
SK-SB-201	1639021	07/29/1997	13 - 16	GW		X	x			x		
SK-SB-206	1639019	07/29/1997	8 - 11	GW		X	x			x		
SK-SB-276	1948103	01/20/2000	5.5 - 7	GW		x					X	
SK-SB-276	1948104	01/20/2000	7 - 11	GW		x					X	
SK-SB-277	1948099	01/20/2000	5.5 - 7	GW		x					X	
SK-SB-277	1948100	01/20/2000	7 - 11	GW		x					X	
SK-SB-278	1948101	01/20/2000	5.5 - 7	GW		x					X	
SK-SB-278	1948102	01/20/2000	7 - 11	GW		x					X	
SK-SB-279	1948093	01/19/2000	5 - 9	GW		x					X	
SK-SB-279	1948094	01/19/2000	7 - 11	GW		x					X	
SK-SB-288	1952730	02/16/2000	6 - 10	GW		x					X	
SK-SB-288	1952731	02/16/2000	11 - 15	GW		x					X	
SK-SB-290	1952734	02/17/2000	5 - 9	GWG		x					X	
SK-SB-290	1952735	02/17/2000	12 - 16	GWG		x					X	
SK-SB-292	1952738	02/17/2000	5 - 9	GWG		X					X	
SK-SB-292	1952739	02/17/2000	12 - 16	GWG		X					X	
SK-SB-293	1952741	02/17/2000	12 - 16	GWG		X					X	
SK-SB-293	1952740	02/17/2000	14 - 18	GWG		X					X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 21
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION - AIRPORT/KLONDIKE AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF PEWTERPOT BROOK & TRIBUTARIES

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-294	1952742	02/18/2000	12 - 16	GW		X					X	
SK-SB-318	1972252	10/27/2000	11 - 15	GWG		X					X	
SK-SB-318	1972253	10/27/2000	14 - 18	GWG		X					X	
SK-SB-319	1972254	10/27/2000	8 - 12	GWG		X					X	
SK-SB-319	1972255	10/27/2000	12 - 16	GWG		X					X	
SK-SB-320	1972256	10/27/2000	8 - 12	GWG		X					X	
SK-SB-320	1972257	10/27/2000	12 - 16	GWG		X					X	
SK-SB-321	1972258	10/27/2000	4 - 8	GWG		X					X	
SK-SB-321	1972259	10/27/2000	8 - 12	GWG		X					X	
SK-SB-322	1972260	10/27/2000	4 - 8	GWG		x					X	
SK-SB-322	1972261	10/27/2000	8 - 12	GWG		x					X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 22
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - AIRPORT/KLONDIKE AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF PEWTERPOT BROOK & TRIBUTARIES

Loureiro Engineering Associates, Inc.

	Location ID	NK-SB-225	NK-SB-226	SK-MW-19	SK-MW-19	SK-MW-19	SK-MW-19	SK-MW-20
	Sample ID	1021833	1021834	1018179	1634485	1647341	1846187	1018104
	Sample Date	12/16/1996	12/16/1996	09/11/1996	06/04/1997	11/20/1997	09/29/1999	09/12/1996
	Sample Time	14:45	15:10	14:26	11:35	11:45	10:55	15:23
	Sample Depth	10.0' - 12.0'	10.0' - 12.0'	3.5' - 13.5'	3.5' - 13.5'	3.5' - 13.5'	3.5' - 13.5'	4.0' - 14.0'
	Laboratory	AEL	AEL	AEL	QUAN	QUAN	QUAN	AEL
	Lab. Number	AEL96014076	AEL96014077	AEL96010191	A7F050147008	A7K240137004	A9J010129013	AEL96010293
Constituent	Units							
Depth of Well	Ft			17.17	17.17	17.20	17.17	17.27
Depth To Water	Ft			10.19	9.05	9.86	8.87	12.02
Water Elevation	Ft			38.80	39.94	39.13	40.12	38.03
Date Metals Analyzed	-			09/16/1996	06/17/1997	12/07/1997	10/11/1999	
Date Organics Analyzed	-	12/24/1996	12/26/1996	09/17/1996		11/30/1997		09/22/1996
Arsenic (unfiltered)	mg/L							
Barium (unfiltered)	mg/L							
Cadmium	mg/L			0.0168	0.0270	0.0350		
Cadmium (unfiltered)	mg/L						0.0135	
Chromium, Total	mg/L			0.115				
Chromium, Total (unfiltered)	mg/L							
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							
cis-1,2-Dichloroethylene	ug/l			58				570
Tetrachloroethylene (PCE)	ug/l			97		110		8000
Xylenes	ug/L	65 J1	2500 J1					

Table 22
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - AIRPORT/KLONDIKE AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF PEWTERPOT BROOK & TRIBUTARIES

Loureiro Engineering Associates, Inc.

	Location ID	SK-MW-20	SK-MW-20	SK-MW-20	SK-MW-21	SK-SB-276	SK-SB-277	SK-SB-278
	Sample ID	1634487	1647353	1846182	1647343	1948104	1948100	1948102
	Sample Date	06/04/1997	11/21/1997	09/29/1999	11/20/1997	01/20/2000	01/20/2000	01/20/2000
	Sample Time	13:15	12:10	09:20	13:45	14:15	11:45	13:45
	Sample Depth	4.0' - 14.0'	4.0' - 14.0'	4.0' - 14.0'	3.5' - 13.5'	7' - 11'	7' - 11'	7' - 11'
	Laboratory	QUAN	QUAN	QUAN	QUAN	STLC	STLC	STLC
	Lab. Number	A7F050147010	A7K240127003	A9J010129002	A7K240137006	A0A210207020	A0A210207012	A0A210207016
Constituent	Units							
Depth of Well	Ft	17.27	17.28	17.27	13.14			
Depth To Water	Ft	11.02	11.88	10.31	8.41			
Water Elevation	Ft	39.03	38.17	39.74	39.45			
Date Metals Analyzed	-					02/01/2000	02/01/2000	02/01/2000
Date Organics Analyzed	-	06/17/1997	12/04/1997	10/06/1999	12/03/1997			
Arsenic (unfiltered)	mg/L					0.0078	0.0042	0.0058
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L					0.336	0.135	
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L					0.0253	0.0160	0.0227
Zinc (unfiltered)	mg/L							
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l	2500	4700	1200	4000			
Xylenes	ug/L							
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Table 22
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - AIRPORT/KLONDIKE AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF PEWTERPOT BROOK & TRIBUTARIES

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-279	SK-SB-279	SK-SB-288	SK-SB-290	SK-SB-290	SK-SB-292	SK-SB-292
	Sample ID	1948093	1948094	1952731	1952734	1952735	1952738	1952739
	Sample Date	01/19/2000	01/19/2000	02/16/2000	02/17/2000	02/17/2000	02/17/2000	02/17/2000
	Sample Time	14:20	14:25	13:35	10:40	10:40	14:10	14:15
	Sample Depth	5' - 9'	7' - 11'	11' - 15'	5' - 9'	12' - 16'	5' - 9'	12' - 16'
	Laboratory	QUAN	QUAN	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0A200189044	A0A200189045	A0B180179004	A0B180179008	A0B180179009	A0B180179012	A0B180179013
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-	01/28/2000	01/28/2000	02/23/2000	02/24/2000	02/24/2000	02/23/2000	02/23/2000
Date Organics Analyzed	-							02/24/2000
Arsenic (unfiltered)	mg/L	0.0305	0.028	0.0120	0.0568	0.0765	0.0079	0.0105
Barium (unfiltered)	mg/L				2.43			
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L					0.0134		
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.381 E	0.659 E		0.502	0.521		
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L	0.131	0.118	0.0329	0.177	0.202		0.0263
Zinc (unfiltered)	mg/L	0.655			1.04	0.769		
cis-1,2-Dichloroethylene	ug/l							110
Tetrachloroethylene (PCE)	ug/l							
Xylenes	ug/L							

Table 22
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - AIRPORT/KLONDIKE AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF PEWTERPOT BROOK & TRIBUTARIES

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-293	SK-SB-294	SK-SB-318	SK-SB-318	SK-SB-318	SK-SB-318	SK-SB-319
	Sample ID	1952740	1952742	1972252	1972252	1972253	1972253	1972254
	Sample Date	02/17/2000	02/18/2000	10/27/2000	10/27/2000	10/27/2000	10/27/2000	10/27/2000
	Sample Time	15:30	10:20	09:45	09:45	10:00	10:00	10:15
	Sample Depth	14' - 18'	12' - 16'	11' - 15'	11' - 15'	14' - 18'	14' - 18'	8' - 12'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0B180179014	A0B210110001	A0J300171001	A0J300171002	A0J300171003	A0J300171004	A0J300171005
Constituent	Units							
Depth of Well	Ft			15	15	18	18	12
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-	02/23/2000	02/23/2000		11/14/2000		11/14/2000	11/14/2000
Date Organics Analyzed	-	02/24/2000	02/24/2000	11/08/2000		11/08/2000		11/08/2000
Arsenic (unfiltered)	mg/L	0.0199	0.0186		0.0111		0.0406	
Barium (unfiltered)	mg/L							
Cadmium	mg/L							0.0340
Cadmium (unfiltered)	mg/L	0.0974						
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L		0.323		0.198		0.38	
Copper (unfiltered)	mg/L						0.14	
Lead (unfiltered)	mg/L	0.0350	0.0391		0.0247		0.0846	
Zinc (unfiltered)	mg/L							
cis-1,2-Dichloroethylene	ug/l	550				76		
Tetrachloroethylene (PCE)	ug/l	380	390	180		400		95
Xylenes	ug/L							

Table 22
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - AIRPORT/KLONDIKE AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF PEWTERPOT BROOK & TRIBUTARIES

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-319	SK-SB-319	SK-SB-319	SK-SB-320	SK-SB-320	SK-SB-320	SK-SB-320
	Sample ID	1972254	1972255	1972255	1972256	1972256	1972257	1972257
	Sample Date	10/27/2000	10/27/2000	10/27/2000	10/27/2000	10/27/2000	10/27/2000	10/27/2000
	Sample Time	10:15	10:30	10:30	10:45	10:45	11:00	11:00
	Sample Depth	8' - 12'	12' - 16'	12' - 16'	8' - 12'	8' - 12'	12' - 16'	12' - 16'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A0J300171006	A0J300171007	A0J300171008	A0J300171009	A0J300171010	A0J300171011	A0J300171012
Constituent	Units							
Depth of Well	Ft	12	16	16	12	12	16	16
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-	11/14/2000		11/14/2000		11/14/2000		11/14/2000
Date Organics Analyzed	-		11/09/2000		11/09/2000		11/09/2000	
Arsenic (unfiltered)	mg/L	0.0043		0.0093				0.0097
Barium (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	0.0363						
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.354						
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L			0.0198		0.0167		0.0218
Zinc (unfiltered)	mg/L							
cis-1,2-Dichloroethylene	ug/l		94		79		90	
Tetrachloroethylene (PCE)	ug/l		430		290		330	
Xylenes	ug/L							

Table 22
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER - AIRPORT/KLONDIKE AREA GROUNDWATER MONITORING LOCATIONS UPGRADIENT OF PEWTERPOT BROOK & TRIBUTARIES

Loureiro Engineering Associates, Inc.

	Location ID	SK-SB-321	SK-SB-322	SK-SB-322				
	Sample ID	1972259	1972260	1972261				
	Sample Date	10/27/2000	10/27/2000	10/27/2000				
	Sample Time	11:30	11:45	12:00				
	Sample Depth	8' - 12'	4' - 8'	8' - 12'				
	Laboratory	STLC	STLC	STLC				
	Lab. Number	A0J300171016	A0J300171018	A0J300171020				
Constituent	Units							
Depth of Well	Ft	12	8	12				
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-	11/14/2000	11/14/2000	11/14/2000				
Date Organics Analyzed	-							
Arsenic (unfiltered)	mg/L	0.0718	0.0495	0.0122				
Barium (unfiltered)	mg/L	2.59						
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.6	0.3	0.105				
Copper (unfiltered)	mg/L	0.399	0.214					
Lead (unfiltered)	mg/L	0.185	0.0732	0.0286				
Zinc (unfiltered)	mg/L	0.848	0.709					
cis-1,2-Dichloroethylene	ug/l							
Tetrachloroethylene (PCE)	ug/l							
Xylenes	ug/L							

Table 23
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA BOUNDARY GROUNDWATER SAMPLING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NA-SB-09	1020273	10/29/1996	6.5 - 8.5	GW		x				x	X	
NA-SB-110	449010412-10	04/12/2001	4 - 8	GW		x				x	X	
NA-SB-111	449010412-12	04/12/2001	3 - 5	GW		x				x	X	
NA-SB-113	449010412-15	04/12/2001	3 - 5	GW		x				x	X	
NA-SB-12	1020272	10/29/1996	6.5 - 8.5	GW		x				x	x	
NA-SB-15	1020270	10/29/1996	6 - 8	GW		x				x	x	
NA-SB-29	1026487	02/21/1997	4 - 7	GW		x	X			x	X	
NA-SB-30	1026485	02/21/1997	4 - 7	GW		X	x			x	x	
NA-SB-32	1026486	02/21/1997	4 - 7	GW		X	x			x	x	
NA-SB-36	1026981	02/26/1997	5 - 8	GW		x	x			x	x	
NA-SB-38	1026982	02/26/1997	11 - 14	GW		x	x			x	X	
NA-SB-43	1634262	06/04/1997	4 - 7	GW							X	
SA-MW-4	04041111491	11/15/1991	7.50 - 17.50	GW		x					X	
SA-MW-4	04041060992	06/10/1992	7.50 - 17.50	GW		x					X	
SA-MW-4	1011982	03/18/1996	7.50 - 17.50	GW		x						
SA-MW-4	1018190	09/12/1996	7.50 - 17.50	GW		x				X	X	
SA-MW-4	1634497	06/05/1997	7.5 - 17.5	GW			x			x	X	
SA-MW-4	1647320	11/19/1997	7.5 - 17.5	GW			x			x	x	
SA-MW-4	1654131	02/06/1998	7.5 - 17.5	GW		x	x		x	x	X	
SA-MW-4	1846150	09/21/1999	7.5 - 17.5	GW		x	x			x	X	
SA-SB-169	1654124	02/06/1998	6 - 10	GW		x	x		x	x	X	
SA-SB-170	1654123	02/06/1998	6 - 10	GW		x	x		x	x	X	
SA-SB-35	1021128	11/11/1996	10.5 - 12.5	GW		x				x	X	
SA-SB-66	1023132	12/06/1996	10 - 12	GW		x	x			x		
SK-MW-01	CW1900309	03/09/1990	8.00 - 13.00	GW		x	x					
SK-MW-01	1018049	09/10/1996	8.00 - 13.00	GW		x			x	x	x	
SK-MW-01	1634453	06/03/1997	8.0 - 13.0	GW							X	
SK-MW-01	1647368	11/24/1997	8.0 - 13.0	GW							X	
SK-MW-01	1846171	09/27/1999	8.0 - 13.0	GW		x					x	
SK-MW-04	CW5900309	03/09/1990	5.60 - 15.60	GW		x	x					
SK-MW-04	1018174	09/11/1996	5.60 - 15.60	GW		x			x	x	X	
SK-MW-04	1634454	06/03/1997	5.6 - 15.6	GW							X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 23
SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA BOUNDARY GROUNDWATER SAMPLING LOCATIONS

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-MW-04	1647369	11/24/1997	5.6 - 15.6	GW							x	
SK-MW-04	1846173	09/27/1999	5.6 - 15.6	GW		x					x	
SK-SB-130	1026201	02/06/1997	9 - 10	GW			x		x	x	X	
SK-SB-130	1026225	02/07/1997	9.0 - 11.0	GW		x						
SK-SB-131	1026202	02/06/1997	9 - 10	GW			x		x	x	x	
SK-SB-131	1026226	02/07/1997	9.0 - 11.0	GW		x						
SK-SB-280	1948120	01/27/2000	5 - 9	GW		x					X	
SK-SB-280	1948121	01/27/2000	12 - 16	GW		x					X	
SK-SB-283	1958128	02/01/2000	4.5 - 8.5	GW		x					X	
SK-SB-283	1958129	02/01/2000	12 - 16	GW		x					X	
SK-SB-284	1958130	02/01/2000	5 - 9	GW		x					X	
SK-SB-284	1958131	02/01/2000	12 - 16	GW		x					X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 24
SUMMARY OF SURFACE SOIL SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - TRESPASSER EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-B-10	011050924921	09/24/1992	0.5 - 2.5	SB	X							
NK-B-13	011350923921	09/23/1992	0.4 - 2.0	SB	X							
NK-B-14	011450924921	06/24/1992	0 - 2	SB	X							
NK-B-15	011550924921	09/24/1992	0 - 2	SB	X							
NK-B-16	011650924921	09/24/1992	0.5 - 2.0	SPB	X	x	x		x		X	
NK-B-17	011750924921	09/24/1992	0 - 2	SB	x							
NK-MW-01	CAS 1000015	02/12/1990	0.0 - 1.5	SB		x						
NK-MW-16-7	011350517937	05/17/1993		SB		x	x					
NK-MW-18	1015639	07/11/1996	0 - 2	SB	x							
NK-MW-19	1016079	07/18/1996	0 - 2	SB	x	x	x			x	Xs	
NK-MW-3	CAS 7000020	02/16/1990	0.0 - 2.0	SB							t	
NK-SB-01	1006253	08/08/1995	0 - 2	SB	x							
NK-SB-03	1006259	08/08/1995	0 - 2	SB	x							
NK-SB-04	1006262	08/08/1995	0 - 2	SB	x							
NK-SB-05	1015511	06/26/1996	0 - 2	SB	x							
NK-SB-06	1015527	06/26/1996	0 - 2	SB	x							
NK-SB-07	1015519	06/26/1996	0 - 2	SB	x							
NK-SB-08	1015547	06/27/1996	0 - 2	SB	x							
NK-SB-09	1015536	06/27/1996	0 - 2	SB	x							
NK-SB-10	1015555	06/27/1996	0 - 2	SB	x							
NK-SB-100	10001145	12/17/1993		SS							X	X
NK-SB-101	10001146	12/17/1993		SS							X	X
NK-SB-102	10001147	12/17/1993		SS							X	X
NK-SB-103	10001148	12/17/1993		SS							X	X
NK-SB-104	10001149	12/17/1993		SS							X	X
NK-SB-105	10001150	12/17/1993		SS							X	X
NK-SB-106	10001151	12/17/1993		SS							X	X
NK-SB-107	10001152	12/17/1993		SS							X	X
NK-SB-108	10001153	12/17/1993		SS							X	X
NK-SB-109	10001154	12/17/1993		SS							X	X
NK-SB-11	1015479	06/28/1996	0 - 2	SB	x							
NK-SB-110	10001155	12/17/1993		SS							X	X

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-SB-111	10001157	12/17/1993		SS							X	X
NK-SB-112	10001156	12/17/1993		SS							X	X
NK-SB-113	10001158	12/17/1993		SS							X	X
NK-SB-114	10001159	12/17/1993		SS							X	X
NK-SB-115	10001160	12/17/1993		SS							X	X
NK-SB-12	1015488	06/28/1996	0 - 2	SB	x							
NK-SB-126	10001235	03/14/1994	.5 - .75	SB							X T	
NK-SB-13	1015496	06/28/1996	0 - 2	SB	x							
NK-SB-133	10001233	03/14/1994	.5 - .75	SB							X	
NK-SB-134	10001185	02/02/1994		SS							X	
NK-SB-135	10001213	02/03/1994		SS							X	
NK-SB-137A	10001216	03/14/1994	0	SB							x	
NK-SB-139	10001234	03/14/1994		SS							X	
NK-SB-14	1015581	07/08/1996	0 - 2	SB	x							
NK-SB-140	10001236	03/14/1994		SS							x	
NK-SB-141	10001237	03/14/1994		SS							x	
NK-SB-142	10001244	03/15/1994		SS							X T	
NK-SB-143	10001245	03/15/1994		SS							X	
NK-SB-144	10001246	03/15/1994		SS							X T	
NK-SB-145	10001247	03/15/1994		SS							X	
NK-SB-15	1015572	07/08/1996	0 - 2	SPB	x							
NK-SB-16	1015564	07/02/1996	0 - 2	SB	x							
NK-SB-17	1015503	07/02/1996	0 - 2	SB	x							
NK-SB-18	1015589	07/09/1996	0 - 2	SB	x							
NK-SB-18	1015590	07/09/1996	0 - 2	SB	x	x				x	XS	
NK-SB-19	1015598	07/09/1996	0 - 2	SB	x							
NK-SB-20	1015607	07/09/1996	0 - 2	SB	x							
NK-SB-200	1019372	10/14/1996	0 - 2	SB	x							
NK-SB-201	1019268	10/14/1996	0 - 2	SB	x					x		
NK-SB-202	1019271	10/14/1996	0 - 2	SB	x					x		
NK-SB-203	1019276	10/15/1996	0 - 2	SB	x					x		
NK-SB-204	1019279	10/15/1996	0 - 2	SB	x					x		

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-SB-205	1019283	10/15/1996	0 - 2	SB	x							
NK-SB-206	1019289	10/15/1996	0 - 2	SB	x							
NK-SB-207	1019295	10/15/1996	0 - 2	SB	x	x						
NK-SB-208	1019303	10/16/1996	0 - 2	SB	x							
NK-SB-209	1019309	10/16/1996	0 - 2	SB	x							
NK-SB-210	1019316	10/16/1996	0 - 2	SB	x							
NK-SB-211	1019322	10/17/1996	0 - 2	SB	x							
NK-SB-212	1019329	10/17/1996	0 - 2	SB	x							
NK-SB-213	1019335	10/17/1996	0 - 2	SB	x							
NK-SB-214	1020828	10/30/1996	0 - 2	SB	x							
NK-SB-215	1020837	10/30/1996	0 - 2	SB	x							
NK-SB-216	1020847	10/31/1996	0 - 2	SB	X							
NK-SB-217	1020856	10/31/1996	0 - 2	SB	x							
NK-SB-218	1020864	10/31/1996	0 - 2	SB	x							
NK-SB-219	1021748	11/13/1996	0 - 2	SB	x					x		
NK-SB-220	1021751	11/13/1996	0 - 2	SB	x					x		
NK-SB-221	1021754	11/13/1996	0 - 2	SB	x					X		
NK-SB-222	1021758	11/13/1996	0 - 2	SB	x					x		
NK-SB-223	1021761	11/13/1996	0 - 2	SB	x							
NK-SB-224	1021766	11/13/1996	0 - 2	SB	x							
NK-SB-225	1021774	11/14/1996	0 - 2	SB	x							
NK-SB-226	1021781	11/14/1996	0 - 2	SB	x							
NK-SB-227	1021787	11/14/1996	0 - 2	SB	x							
NK-SB-228	1021793	11/14/1996	0 - 2	SB	x							
NK-SB-229	1021801	11/15/1996	0 - 2	SB	x							
NK-SB-23	1015631	07/10/1996	0 - 2	SB	x							
NK-SB-230	1021807	11/15/1996	0 - 2	SB	x							
NK-SB-231	1023647	12/16/1996	0 - 2	SB	x							
NK-SB-232	1024465	01/09/1997	0 - 2	SPB	x							
NK-SB-233	1024476	01/09/1997	0 - 2	SPB	x							
NK-SB-234	1024484	01/10/1997	0 - 2	SB	x							
NK-SB-235	1024493	01/10/1997	0 - 2	SB	x							

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-SB-236	1024501	01/10/1997	0 - 2	SB	x							
NK-SB-237	1024511	01/13/1997	0 - 2	SB	x							
NK-SB-238	1024520	01/13/1997	0 - 2	SPB	x							
NK-SB-239	1024528	01/13/1997	0 - 2	SPB	x							
NK-SB-24	1015648	07/11/1996	0 - 2	SB	x							
NK-SB-241	1025744	01/23/1997	0 - 2	SB	x					x		
NK-SB-242	1025747	01/23/1997	0 - 2	SB	x					x		
NK-SB-243	1025750	01/23/1997	0 - 2	SB	x					x		
NK-SB-244	1025753	01/23/1997	0 - 2	SB	x				x	x		
NK-SB-245	1025756	01/23/1997	0 - 2	SB	x				x	x		
NK-SB-245	1025758	01/23/1997	0 - 2	SB	x							
NK-SB-246	1025760	01/23/1997	0 - 2	SB	x				x	x		
NK-SB-247	1025763	01/24/1997	0 - 2	SB	x							
NK-SB-248	1025770	01/24/1997	0 - 2	SB	x							
NK-SB-249	1025776	01/24/1997	0 - 2	SB	x							
NK-SB-250	1025694	01/27/1997	0 - 2	SB	x	x				X		
NK-SB-251	1025701	01/27/1997	0 - 2	SB	x	x				X		
NK-SB-252	1025707	01/27/1997	0 - 2	SB	x	x				x		
NK-SB-253	1025716	01/28/1997	0 - 2	SPB	x							
NK-SB-254	1025723	01/28/1997	0 - 2	SB	x	x	x		x	x		
NK-SB-255	1025729	01/28/1997	0 - 2	SB	x							
NK-SB-256	1027078	03/04/1997	0 - 2	SB	x							
NK-SB-257	1027085	03/04/1997	0 - 2	SB	X	X	x			x	X	
NK-SB-258	1027091	03/04/1997	0 - 2	SB	x	X				x	X	
NK-SB-259	1027097	03/04/1997	0 - 2	SB	X	X	x			x	X	
NK-SB-260	1027033	03/06/1997	0 - 2	SB	x	x	x			x	X	
NK-SB-261	1027040	03/06/1997	0 - 2	SB	x	x	X				X	
NK-SB-262	1027046	03/06/1997	0 - 2	SB	x	x	X			x	X	
NK-SB-263	1027052	03/06/1997	0 - 2	SB	x	x	X			x	X	
NK-SB-264	1026986	03/10/1997	0 - 2	SB	x	x	x			x		
NK-SB-265	1026994	03/10/1997	0 - 2	SB	x	x				x		
NK-SB-266	1027001	03/11/1997	0 - 2	SPB	x							

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-SB-267	1027007	03/11/1997	0 - 2	SB	x							
NK-SB-268	1027238	03/05/1997	0 - 2	SB	x							
NK-SB-269	1027244	03/05/1997	0 - 2	SB	x							
NK-SB-270	1027250	03/05/1997	0 - 2	SB	x							
NK-SB-271	1027257	03/05/1997	0 - 2	SB	x							
NK-SB-272	1028166	03/12/1997	0 - 2	SB	x							
NK-SB-273	1028173	03/12/1997	0 - 2	SB	x							
NK-SB-274	1028182	03/12/1997	0 - 2	SB	x							
NK-SB-275	1028193	03/13/1997	0 - 2	SB	x							
NK-SB-276	1028202	03/13/1997	0 - 2	SPB	X							
NK-SB-277	1028208	03/13/1997	0 - 2	SPB	x							
NK-SB-278	1028214	03/13/1997	0 - 2	SPB	x							
NK-SB-279	1028220	03/13/1997	0 - 2	SB	x							
NK-SB-280	1028230	03/14/1997	0 - 2	SB	x							
NK-SB-281	1028238	03/14/1997	0 - 2	SB	x							
NK-SB-282	1028245	03/14/1997	0 - 2	SB	x							
NK-SB-283	1028253	03/17/1997	0 - 2	SB	x							
NK-SB-284	1028260	03/17/1997	0 - 2	SB	x							
NK-SB-285	1028268	03/17/1997	0 - 2	SB	x							
NK-SB-286	1028280	03/18/1997	0 - 2	SB	x							
NK-SB-287	1028288	03/18/1997	0 - 2	SB	X							
NK-SB-288	1028297	03/18/1997	0 - 2	SB	x							
NK-SB-289	1028303	03/18/1997	0 - 2	SB	X							
NK-SB-290	1028309	03/18/1997	0 - 2	SB	X							
NK-SB-291	1028320	03/19/1997	0 - 2	SB	x							
NK-SB-292	1028619	03/19/1997	0 - 2	SB	x							
NK-SB-293	1634105	05/22/1997	0 - 2	SB			x					
NK-SB-294	1634107	05/22/1997	0 - 2	SB			x					
NK-SB-295	1634092	05/20/1997	0 - 2	SB			x					
NK-SB-296	1634094	05/20/1997	0 - 2	SB			x					
NK-SB-297	1634096	05/20/1997	0 - 2	SB			x					
NK-SB-298	1634098	05/20/1997	0 - 2	SB			x					

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-SB-299	1634058	05/21/1997	0 - 2	SPB	x					x		
NK-SB-300	1634064	05/21/1997	0 - 2	SB	x					x		
NK-SB-301	1634069	05/21/1997	0 - 2	SB	x					X		
NK-SB-302	1634076	05/22/1997	0 - 2	SB	x					x		
NK-SB-303	1634082	05/22/1997	0 - 2	SB	x					x		
NK-SB-304	1634109	05/22/1997	0 - 2	SB			x					
NK-SB-305	1634170	05/27/1997	0 - 2	SB	x							
NK-SB-306	1634177	05/27/1997	0 - 2	SB	x							
NK-SB-307	1634185	05/28/1997	0 - 2	SB	x							
NK-SB-308	1634192	05/28/1997	0 - 2	SB	x							
NK-SB-309	1634198	05/28/1997	0 - 2	SB	x							
NK-SB-31	1016043	07/17/1996	0 - 2	SB	x							
NK-SB-310	1634657	06/05/1997	0 - 2	SPB	x							
NK-SB-311	1634664	06/05/1997	0 - 2	SPB	x					X		
NK-SB-312	1634670	06/05/1997	0 - 2	SPB	x							
NK-SB-313	1634676	06/05/1997	0 - 2	SB	x							
NK-SB-314	1634683	06/05/1997	0 - 2	SB	x							
NK-SB-315	1634622	06/06/1997	0 - 2	SB	x	X	x			x		
NK-SB-316	1634629	06/06/1997		SPB	x	X	X			x		
NK-SB-319	1634694	06/09/1997	0 - 2	SB	x							
NK-SB-320	1634703	06/09/1997	0 - 2	SB	x	x	x			x		
NK-SB-321	1634711	06/09/1997	0 - 2	SB	x	X				x		
NK-SB-322	1634725	06/09/1997	0 - 2	SPB	X							
NK-SB-323	1634723	06/10/1997	0 - 2	SB	x							
NK-SB-324	1634741	06/10/1997	0 - 2	SB	x							
NK-SB-325	1634749	06/10/1997	0 - 2	SB	x							
NK-SB-326	1634757	06/10/1997	0 - 2	SPB	x	X				X		
NK-SB-327	1634765	06/11/1997	0 - 2	SB	X							
NK-SB-328	1634774	06/11/1997	0 - 2	SB	X							
NK-SB-329	1634780	06/11/1997	0 - 2	SB	x							
NK-SB-33	1016052	07/17/1996	0 - 2	SB	x							
NK-SB-330	1634884	06/12/1997	0 - 2	SB	x							

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-SB-331	1634792	06/12/1997	0 - 2	SB	x							
NK-SB-332	1634798	06/12/1997	0 - 2	SB	x							
NK-SB-333	1635787	06/13/1997	0 - 2	SB	x							
NK-SB-334	1635794	06/13/1997	0 - 2	SB	x	x	x			x	X	
NK-SB-335	1635800	06/13/1997	0.5 - 2.0	SB	x							
NK-SB-336	1635804	06/13/1997	0.5 - 2.0	SB	x							
NK-SB-337	1635810	06/13/1997	0.5 - 2.0	SB	x							
NK-SB-338	1637979	07/15/1997	0 - 2	SB	x							
NK-SB-339	1637983	07/15/1997	0 - 2	SB	x							
NK-SB-340	1637988	07/15/1997	0 - 2	SB	x							
NK-SB-341	1637999	07/16/1997	0 - 2	SB	x							
NK-SB-342	1638006	07/16/1997	0 - 2	SB	x							
NK-SB-346	1948199	12/29/1999	0 - 2	SB		x	X		X	X	X T	
NK-SB-347	1948201	12/29/1999	0 - 2	SB		X	x		X	X	X T	
NK-SB-348	1948203	12/29/1999	0 - 2	SB		X	X		X	X	X T	
NK-SB-349	1948205	12/29/1999	0 - 2	SB		X	X		X	X	X T	
NK-SB-35	1016060	07/17/1996	0 - 2	SB	x							
NK-SB-350	1948207	12/29/1999	0 - 2	SB		x	X		x	X	X T	
NK-SB-351	1948209	12/29/1999	0 - 2	SB		x	X		x	X	X T	
NK-SB-352	1948211	12/29/1999	0 - 2	SB		x	X		x	X	X T	
NK-SB-353	1948213	12/29/1999	0 - 2	SB		x	X		x	X	X T	
NK-SB-354	1971688	10/12/2000	0 - 2	SB		X				x		
NK-SB-361	1971732	10/12/2000	0 - 2	SB		X	x		x	x	X	
NK-SB-365	1971744	10/16/2000	0 - 2	SB						X		
NK-SB-366	2010028	12/12/2001	0 - 2	SB		x			x	x	X T	
NK-SB-367	2010030	12/12/2001	0 - 2	SB		x			x	x	X T	
NK-SB-37	1016114	07/22/1996	0 - 2	SB	x							
NK-SB-39	1016105	07/19/1996	0 - 2	SB	x	x	x			X	XS	
NK-SB-40	1016088	07/19/1996	0 - 2	SB	x	x	x			X	XS	
NK-SB-43	1017115	08/12/1996	0 - 2	SB	x	x	x			x	X	
NK-SB-44	1017124	08/12/1996	0 - 2	SB	x	x	x			X	X	
NK-SB-45	1017132	08/12/1996	0 - 2	SB	x	x	x			x	X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-SB-46	1017141	08/13/1996	0 - 2	SB	x	x	x			x	X	
NK-SB-47	1017149	08/13/1996	0 - 2	SB	x	x				x	X	
NK-SB-48	1017158	08/14/1996	0 - 2	SB	x	x				x	X	
NK-SB-49	1017168	08/14/1996	0 - 2	SB	x	X				x	X	
NK-SB-50	1017176	08/14/1996	0 - 2	SB	x	x				x	X	
NK-SB-50	1017177	08/14/1996	0 - 2	SB	x							
NK-SB-51	1016789	08/08/1996	0 - 2	SB	x							
NK-SB-52	1016793	08/08/1996	0 - 2	SB	x	x					X	
NK-SB-53	1016798	08/08/1996	0 - 2	SB	x							
NK-SB-54	1017186	08/15/1996	0 - 2	SB	X	x					X	
NK-SB-55	1017195	08/15/1996	0 - 2	SB	x	x					X	
NK-SB-56	1017204	08/15/1996	0 - 2	SB	x	x					X	
NK-SB-57	1018548	09/26/1996	0 - 2	SB	x	x	x			x	X	
NK-SB-58	1018557	09/26/1996	0 - 2	SB	x	x	x			X	X	
NK-SB-59	1018538	09/25/1996	0 - 2	SB	x	x	x			x	X	
NK-SB-60	1018511	09/24/1996	0 - 2	SB	X	x	x			x	X	
NK-SB-61	1018565	09/26/1996	0 - 2	SB	x	x	x			x	X	
NK-SB-62	1018502	09/24/1996	0 - 2	SB	x							
NK-SB-63	1018521	09/25/1996	0 - 2	SB	x	x	x			X	X	
NK-SB-64	1018529	09/25/1996	0 - 2	SB	x	x	x			x	X	
NK-SB-65	1018628	09/30/1996	0 - 2	SB	x					x		
NK-SB-66	1018624	09/30/1996	0 - 2	SB	x					x		
NK-SB-67	1018621	09/30/1996	0 - 2	SB	x					x		
NK-SB-68	1018631	09/30/1996	0 - 2	SB	x					x		
NK-SB-69	1018634	09/30/1996	0 - 2	SB	x					x		
NK-SB-74	1018663	10/03/1996	0 - 2	SB	X	x				X		
NK-SB-77	1018658	10/02/1996	0 - 2	SB	X	X	x			X		
NK-SB-78	1018655	10/02/1996	0 - 2	SB	x	x				X		
NK-SB-79	10018687	10/03/1996	0 - 2	SB	x							
NK-SB-80	1018693	10/03/1996	0 - 2	SB	x							
NK-SB-81	1018830	10/04/1996	0 - 2	SB	x					x		
NK-SB-82	1018849	10/04/1996	0 - 2	SB	x					X		

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

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AIRPORT/KLONDIKE AREA - TRESPASSER EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-SB-83	1018834	10/04/1996	0 - 2	SB	x					x		
NK-SB-84	1018837	10/04/1996	0 - 2	SB	x					x		
NK-SB-85	1018843	10/04/1996	0 - 2	SB	x					x		
NK-SB-86	1018846	10/04/1996	0 - 2	SB	x					x		
NK-SB-87	1018840	10/04/1996	0 - 2	SB	x					x		
NK-SB-89	1018860	10/07/1996	0 - 2	SB	x							
NK-SB-90	1018868	10/08/1996	0 - 2	SB	x							
NK-SB-91	1018875	10/08/1996	0 - 2	SB	x							
NK-SB-92	1018881	10/08/1996	0 - 2	SB	x							
NK-SB-94	1019178	10/09/1996	0 - 2	SB	x							
NK-SB-95	1019184	10/09/1996	0 - 2	SB	x							
NK-SD-101	10001181	02/02/1994		SS							X	
NK-SD-109	10001191	02/02/1994		SS							X	
NK-SD-110	10001192	02/02/1994		SS							x	
NK-SD-112	10001217	03/14/1994	.5 - .75	SB							x	
NK-SD-116	10001220	03/14/1994	.1 - .25	SB							X t	
NK-SD-117	10001221	03/14/1994	.16 - .33	SB							x	
NK-SD-118	10001222	03/14/1994	.1 - .16	SB							x	
NK-SD-118	10001223	03/14/1994	.5 - .75	SB							x	
NK-SD-119	10001224	03/14/1994		SS							x	
NK-SD-120	10001225	03/14/1994		SS							x	
NK-SD-121	10001226	03/14/1994		SS							x	
NK-SD-122	10001227	03/14/1994		SS							x	
NK-SD-122	10001228	03/14/1994	.5 - .75	SB							x	
NK-SD-123	10001229	03/14/1994		SS							x	
NK-SD-124	10001230	03/14/1994		SS							x	
NK-SD-125	10001231	03/14/1994		SS							x	
NK-SD-138	10001218	03/14/1994	.1 - .25	SB							x	
NK-SD-139	10001219	03/14/1994	.16 - .33	SB							x	
NK-SK-107	10001189	02/02/1994		SS							X	
NK-SL-02	0101D071493	07/14/1993		SS		X			x		X	
NK-SS-03D	01045052093	05/20/1993		SS		x	x		X		X T	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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NK-SS-04	01025060393	06/03/1993		SS				X			
NK-SS-06	01035060393	06/03/1993		SS	x			x			
NK-SS-07	01075070793	07/07/1993		SS						x	
NK-SS-08	01085070793	07/07/1993		SS						X	
NK-SS-09	01095070793	07/07/1993		SS						x	
NK-SS-10	01105070793	07/07/1993		SS						X	
NK-SS-11	01115070793	07/07/1993		SS						X	
NK-SS-12	01125070793	07/07/1993		SS						x	
NK-SS-13	01135070793	07/07/1993		SS						x	
NK-SS-14	01015061793	06/17/1993		SS	x	x		x		X	
NK-SS-15	01015060393	06/03/1993		SS	x	x		x			
NK-SS-16	01165070893	07/07/1993		SS						x	
NK-SS-17-1	011750707931	07/07/1993		SS						X	
NK-SS-17-2	011750707932	07/07/1993		SS						X	
NK-SS-17-3	011750707933	07/07/1993		SS						X	
NK-SS-17-4	011750707934	07/07/1993		SS						X	
NK-SS-17-5	011750707935	07/07/1993		SS						X	
NK-TP-08B	1635125	06/09/1997		SS	x	x			X	X	
NK-TP-08E	1635123	06/09/1997		SS	x	x			x	X	
NK-TP-08N	1635121	06/09/1997		SS	x	x			x	X	
NK-TP-08S	1635122	06/09/1997		SS	x	x			x	X	
NK-TP-08W	1635124	06/09/1997		SS	x	x			x	X	
NK-TP-09B	1635131	06/09/1997		SS	x	x		x	x	X	
NK-TP-09E	1635128	06/09/1997		SS	x	x		x	x	X	
NK-TP-09N	1635126	06/09/1997		SS	x	x		x	x	X	
NK-TP-09S	1635127	06/09/1997		SS	x	x		x	x	X	
NK-TP-09W	1635129	06/09/1997		SS	x	x		X	x	X	
NK-TP-09W	1635130	06/09/1997		SS	x	x		x	x	X	
NK-TP-10E1	1635134	06/09/1997		SS	x	x			x	X	
NK-TP-10E2	1635135	06/09/1997		SS	x	x			x	X	
NK-TP-10N	1635132	06/09/1997		SS	x	x			x	X	
NK-TP-10S	1635133	06/09/1997		SS	x	x			x	X	

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Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-TP-10W1	1635136	06/09/1997		SS	x	x			x	X	
NK-TP-10W2	1635137	06/09/1997		SS	x	x			x	X	
NK-TP-11E	1635146	06/09/1997		SS	x				x	X	
NK-TP-11N	1635144	06/09/1997		SS	x				x	X	
NK-TP-11S	1635145	06/09/1997		SS	x				x	X	
NK-TP-11W	1635147	06/09/1997		SS	x				x	X	
NK-TP-12E	1635150	06/09/1997		SS	x				X	X	
NK-TP-12E	1635151	06/09/1997		SS	x				X	X	
NK-TP-12ES22	1641785	09/25/1997		SS						x t	
NK-TP-12N	1635148	06/09/1997		SS	x				X	X	
NK-TP-12S	1635149	06/09/1997		SS	x				x	X	
NK-TP-12W	1635152	06/09/1997		SS	x				x	X	
NK-TP-13E	1635155	06/09/1997		SS	x				x	X	
NK-TP-13N	1635153	06/09/1997		SS	x				x	X	
NK-TP-13S	1635154	06/09/1997		SS	x				x	X	
NK-TP-13W	1635156	06/09/1997		SS	x				x	X	
NK-TP-13W	1635157	06/09/1997		SS	x				x	X	
NK-TP-14B	1635143	06/09/1997		SS	x				x	X	
NK-TP-14E	1635141	06/09/1997		SS	x				x	X	
NK-TP-14N	1635139	06/09/1997		SS	x				x	X	
NK-TP-14S	1635140	06/09/1997		SS	x				x	X	
NK-TP-14W	1635142	06/09/1997		SS	x				x	X	
NK-TP-16E	1635177	06/10/1997		SS	x				x	X	
NK-TP-16N	1635175	06/10/1997		SS	x				x	X	
NK-TP-16S	1635176	06/10/1997		SS	x				x	X	
NK-TP-16W	1635178	06/10/1997		SS	x				x	X	
NK-TP-17E	1635165	06/10/1997		SS	x				x	X	
NK-TP-17N	1635163	06/10/1997		SS	x				X	X	
NK-TP-17S	1635164	06/10/1997		SS	x				X	X	
NK-TP-17W	1635166	06/10/1997		SS	X				X	X	
NK-TP-18B	1635170	06/10/1997		SS	x				X	X	
NK-TP-18N	1635167	06/10/1997		SS	x				x	X	

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Sample Information					Analysis Information						
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-TP-18S1	1635168	06/10/1997		SS	x				x	X	
NK-TP-18S2	1635169	06/10/1997		SS	x				x	X	
NK-TP-19E	1635112	06/09/1997		SS	x	x			x	X	
NK-TP-19W	1635113	06/09/1997		SS	x	x			x	X	
NK-TP-20-20	1964608	04/19/2000		SS		X					
NK-TP-21-1	1832012	11/18/1998		SS	x				x	Xs	
NK-TP-21-10	1832022	11/18/1998		SS	x				x	Xs	
NK-TP-21-11	1832023	11/18/1998		SS	x				x	XS	
NK-TP-21-12	1832024	11/18/1998		SS	x				x	Xs	
NK-TP-21-13	1832025	11/18/1998		SS	X				x	Xs	
NK-TP-21-14	1832026	11/18/1998		SS	X				x	Xs	
NK-TP-21-2	1832013	11/18/1998		SS	x				x	Xs	
NK-TP-21-3	1832014	11/18/1998		SS	x				x	Xs	
NK-TP-21-4	1832015	11/18/1998		SS	x				x	Xs	
NK-TP-21-5	1832016	11/18/1998		SS	x				x	Xs	
NK-TP-21-5	1832017	11/18/1998		SS	x				x	Xs	
NK-TP-21-6	1832018	11/18/1998		SS	x				x	Xs	
NK-TP-21-7	1832019	11/18/1998		SS	x				x	Xs	
NK-TP-21-8	1832020	11/18/1998		SS	x				X	Xs	
NK-TP-21-9	1832021	11/18/1998		SS	x				x	Xs	
NK-TP-22-1	1832007	11/18/1998		SS		x					
NK-TP-22-2	1832008	11/18/1998		SS		x					
NK-TP-22-3	1832009	11/18/1998		SS		x					
NK-TP-22-4	1832010	11/18/1998		SS		x					
NK-TP-22-5	1832011	11/18/1998		SS		x					
NK-TP-25-01	1975718	12/07/2000		SS	X				x		
NK-TP-25-02	1975719	12/07/2000		SS	X				x		
NK-TP-25-03	1975720	12/07/2000		SS	X				X		
NK-TP-25-04	1975721	12/07/2000		SS	X				X		
NK-TP-25-05	1975722	12/07/2000		SS	X				x		
NK-TP-27-09	1996278	06/01/2001	unkno	SS	X			x	x	X t	
NK-TP-27-10	1996279	06/01/2001	unkno	SS				X			

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Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NK-TP-27-11	1996280	06/01/2001	unkno	SS					X			
NK-TP-27-12	1996281	06/01/2001	unkno	SS		X			X	X	X T	
NK-TP-27-13	1996282	06/01/2001	unkno	SS		X			X	x	X t	
NK-TP-27-14	1996283	06/01/2001	unkno	SS					X			
NK-TP-27-15	1996284	06/01/2001	unkno	SS		X			X	X	X T	
SK-MW-06	CAS 6000020	02/16/1990	0.0 - 2.0	SB					x		T	
SK-MW-07	CAS 9000020	02/16/1990	0.0 - 2.0	SB					x			
SK-MW-14I	02149051793	05/17/1993		SB						X	X t	X
SK-MW-14-2	021450517932	05/17/1993		SB		X	x					
SK-MW-15I	02155051493	05/14/1993		SB		X	x					
SK-MW-15I	02159051493	05/14/1993		SB					x	x	X t	X
SK-MW-16	02165051393	05/13/1993		SB		x						
SK-MW-16	02169051393	05/13/1993		SB					x	x	X t	X
SK-MW-19	1017691	08/27/1996	0 - 2	SB	x							
SK-MW-20	1017682	08/27/1996	0 - 2	SB	x							
SK-MW-21	1017675	08/27/1996	0 - 2	SB	x							
SK-MW-22	1017667	08/27/1996	0 - 2	SB	x							
SK-MW-23	1017651	08/26/1996	0 - 2	SB	x							
SK-MW-24	1017659	08/26/1996	0 - 2	SB	x							
SK-MW-26	1951536	02/02/2000	0 - 2	SB	x							
SK-MW-27	1951577	02/02/2000	0 - 2	SB	x							
SK-SB-01	1006173	08/03/1995	0 - 2	SB	x							
SK-SB-02	1006177	08/03/1995	0 - 2	SB	x							
SK-SB-03	1006181	08/03/1995	0 - 2	SB	x							
SK-SB-04	1006185	08/03/1995	0 - 2	SB	x							
SK-SB-05	1006189	08/03/1995	0 - 2	SB	x							
SK-SB-06	1006193	08/03/1995	0 - 2	SB	x	X			x		X	
SK-SB-07	1006197	08/04/1995	0 - 2	SB	x							
SK-SB-08	1006201	08/04/1995	0 - 2	SB	X	X			x		X	
SK-SB-100	1021136	11/12/1996	0 - 1	SB							X	
SK-SB-101	1021138	11/12/1996	0 - 1	SB							X	
SK-SB-102	1021140	11/12/1996	0 - 1	SB		x					X	

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Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-103	1021142	11/12/1996	0 - 1	SB							X	
SK-SB-104	1021144	11/12/1996	0 - 1	SB							X	
SK-SB-104	1021145	11/12/1996	0 - 1	SB							X	
SK-SB-105	1021147	11/12/1996	0 - 1	SB							X	
SK-SB-106	1021107	11/12/1996	0 - 1	SB							X	
SK-SB-107	1024987	01/16/1997	0 - 2	SB	x							
SK-SB-108	1024993	01/16/1997	0 - 2	SB	x							
SK-SB-109	1025000	01/16/1997	0 - 2	SB	x							
SK-SB-110	1025010	01/20/1997	0 - 2	SB	x							
SK-SB-111	1025017	01/20/1997	0 - 2	SB	x							
SK-SB-112	1025023	01/20/1997	0 - 2	SB	x							
SK-SB-113	1025029	01/20/1997	0 - 2	SB	x							
SK-SB-114	1025037	01/21/1997	0 - 2	SB	x							
SK-SB-115	1025044	01/21/1997	0 - 2	SB	x							
SK-SB-116	1025050	01/21/1997	0 - 2	SB	x							
SK-SB-117	1025906	01/30/1997	0 - 2	SB	x	x	x			X		
SK-SB-118	1025913	01/30/1997	0 - 2	SB	x	x	X			X		
SK-SB-119	1025919	01/30/1997	0 - 2	SPB	x	x	X			X		
SK-SB-12	1006217	08/04/1995	0 - 2	SB	x							
SK-SB-120	1025927	01/31/1997	0 - 2	SB	x	x	x			x		
SK-SB-121	1025934	01/31/1997	0 - 2	SB	x							
SK-SB-122	1025940	01/31/1997	0 - 2	SB	x	x	x			x		
SK-SB-123	1025948	02/03/1997	0 - 2	SB	x	X	x			x		
SK-SB-123	1025949	02/03/1997	0 - 2	SB	x							
SK-SB-124	1025955	02/03/1997	0 - 2	SB	X	X	X			x		
SK-SB-125	1025961	02/03/1997	0 - 2	SB	X	X	x			x		
SK-SB-126	1025969	02/04/1997	0 - 2	SB	x							
SK-SB-127	1025976	02/04/1997	0 - 2	SB	x	x	x			X		
SK-SB-128	1025982	02/04/1997	0 - 2	SB	X							
SK-SB-129	1025988	02/04/1997	0 - 2	SB	X							
SK-SB-130	1026209	02/06/1997	0 - 2	SB	x	x	x		x	x	X	
SK-SB-131	1026216	02/06/1997	0 - 2	SB	x	x	x		x	x	X	

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SK-SB-131	1026217	02/06/1997	0 - 2	SB	x							
SK-SB-132	1630528	03/21/1997	0 - 2	SB	x							
SK-SB-133	1630537	03/21/1997	0 - 2	SB	x							
SK-SB-134	1630547	03/24/1997	0 - 2	SB	x							
SK-SB-135	1630556	03/24/1997	0 - 2	SB	x							
SK-SB-136	1630566	03/25/1997	0 - 2	SB	x							
SK-SB-137	1630575	03/25/1997	0 - 2	SB	x							
SK-SB-138	1630860	03/26/1997	0 - 2	SB	x							
SK-SB-139	1630869	03/26/1997	0 - 2	SB	x							
SK-SB-14	1006225	08/04/1995	0 - 2	SB	X	x			x		X	
SK-SB-140	1630885	03/27/1997	0 - 2	SB	x	x	x				X	
SK-SB-141	1630893	03/27/1997	0 - 2	SB	x							
SK-SB-142	1630901	03/27/1997	0 - 2	SB	x							
SK-SB-143	1630877	03/31/1997	0 - 2	SB	x							
SK-SB-144	1631044	03/31/1997	0 - 2	SB	x							
SK-SB-145	1630749	04/02/1997	0 - 2	SB	x							
SK-SB-146	1630758	04/02/1997	0 - 2	SB	x							
SK-SB-147	1630766	04/03/1997	0 - 2	SB	x							
SK-SB-148	1630776	04/03/1997	0 - 2	SB	x							
SK-SB-149	1630784	04/03/1997	0 - 2	SB	x							
SK-SB-15	1006229	08/05/1995	0 - 2	SB	X	x			x		X	
SK-SB-150	1630792	04/03/1997	0 - 2	SB	x							
SK-SB-151	1630800	04/03/1997	0 - 2	SB	x							
SK-SB-152	1630808	04/03/1997	0 - 2	SB	x							
SK-SB-153	1630818	04/04/1997	0.5 - 2	SPB	X							
SK-SB-154	1630825	04/04/1997	0.5 - 2	SPB	X							
SK-SB-155	1630832	04/04/1997	0.5 - 2	SPB	x							
SK-SB-156	1631398	04/08/1997	0 - 2	SB	x							
SK-SB-157	1631405	04/08/1997	0 - 2	SB	x							
SK-SB-158	1631413	04/08/1997	0 - 2	SB	x							
SK-SB-159	1631422	04/08/1997	0 - 2	SB	x							
SK-SB-16	1006233	08/05/1995	0 - 2	SB	x							

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 24
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AIRPORT/KLONDIKE AREA - TRESPASSER EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-160	1631432	04/09/1997	0 - 2	SB	X							
SK-SB-161	1631441	04/09/1997	0 - 2	SB	X							
SK-SB-162	1631449	04/09/1997	0 - 2	SB	X							
SK-SB-163	1631457	04/09/1997	0 - 2	SB	X							
SK-SB-164	1631465	04/09/1997	0 - 2	SB	X							
SK-SB-165	1631473	04/09/1997	0 - 2	SB	X							
SK-SB-166	1631481	04/09/1997	0 - 2	SB	X							
SK-SB-167	1631490	04/10/1997	0.5 - 2.0	SB	X							
SK-SB-168	1631499	04/10/1997	0.5 - 2	SB	X							
SK-SB-169	1631507	04/10/1997	0.5 - 2	SB	X							
SK-SB-17	1006237	08/05/1995	0 - 2	SB	x							
SK-SB-170	1631515	04/10/1997	0.5 - 2	SB	X							
SK-SB-171	1631525	04/11/1997	0 - 2	SB	X							
SK-SB-172	1632069	04/15/1997	0 - 2	SB	X							
SK-SB-173	1632076	04/15/1997	0 - 2	SB	X							
SK-SB-174	1632084	04/15/1997	0 - 2	SB	X							
SK-SB-175	1632092	04/15/1997	0 - 2	SPB	X							
SK-SB-176	1632102	04/16/1997	0 - 2	SB	x							
SK-SB-177	1632112	04/16/1997	0 - 2	SB	x							
SK-SB-178	1632120	04/16/1997	0 - 2	SB	x							
SK-SB-179	1632128	04/16/1997	0 - 2	SB	x							
SK-SB-18	1006241	08/05/1995	0 - 2	SB	X	X			x		X	
SK-SB-180	1632136	04/16/1997	0 - 2	SB	x							
SK-SB-181	1632147	04/17/1997	0 - 2	SB	X							
SK-SB-182	1632156	04/17/1997	0 - 2	SB	x							
SK-SB-183	1632164	04/17/1997	0 - 2	SB	x							
SK-SB-184	1632172	04/17/1997	0 - 2	SPB	x							
SK-SB-185	1632181	04/18/1997	0 - 2	SB	x							
SK-SB-186	1632189	04/18/1997	0 - 2	SB	x							
SK-SB-187	1632197	04/18/1997	0 - 2	SB	x							
SK-SB-187	1632205	04/18/1997	0 - 0	SB	x							
SK-SB-188	1632212	04/21/1997	0 - 2	SB	x							

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

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Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-189	1632221	04/21/1997	0 - 2	SB	x							
SK-SB-19	1006245	08/05/1995	0 - 2	SB	X	x			x		X	
SK-SB-190	1632229	04/21/1997	0 - 2	SB	x							
SK-SB-191	1632237	04/21/1997	0 - 2	SB	x							
SK-SB-192	1632256	04/22/1997	0 - 2	SB	x							
SK-SB-193	1632265	04/22/1997	0 - 2	SB	X							
SK-SB-194	1632273	04/22/1997	0 - 2	SB	x							
SK-SB-195	1632284	04/23/1997	0 - 2	SB	x							
SK-SB-196	1632293	04/23/1997	0 - 2	SB	X							
SK-SB-197	1632301	04/23/1997	0 - 2	SPB	X							
SK-SB-198	1632309	04/23/1997	0 - 2	SPB	X							
SK-SB-199	1639065	07/25/1997	0 - 2	SB	X	X	x			x		
SK-SB-20	1006249	08/05/1995	0 - 2	SPB	x							
SK-SB-200	1639074	07/25/1997	0 - 2	SB	x	x	x			x		
SK-SB-201	1639081	07/28/1997	0 - 2	SB	x	x	x			x		
SK-SB-202	1639091	07/28/1997	0 - 2	SB	x	x	x			x		
SK-SB-203	1639099	07/28/1997		SB	x	x	x			x		
SK-SB-204	1639107	07/28/1997	0 - 2	SB	x	x	x			x		
SK-SB-205	1639033	07/23/1997	0 - 2	SB	X	x	x			x		
SK-SB-206	1639042	07/23/1997	0 - 2	SB	x	x	X			x		
SK-SB-207	1639050	07/23/1997	0 - 2	SB	x	x	X			x		
SK-SB-208	1639663	07/30/1997	0 - 2	SB	x	x	x			x		
SK-SB-209	1639672	07/30/1997	0 - 2	SPB	x	x	x			X		
SK-SB-21	1006483	08/08/1995	0 - 2	SB	x							
SK-SB-210	1639680	07/30/1997	0 - 2	SPB	x	x	x			X		
SK-SB-211	1639698	08/01/1997	0 - 2	SB	x		x			x		
SK-SB-212	1639707	08/01/1997	0 - 2	SB	X		x			x		
SK-SB-213	1639715	08/01/1997	0 - 2	SB	X	X	X			x		
SK-SB-214	1640122	08/06/1997	0 - 2	SB	x							
SK-SB-215	1640131	08/06/1997	0 - 2	SB	x							
SK-SB-216	1640139	08/06/1997	0 - 2	SB	x							
SK-SB-217	1640162	08/07/1997	0 - 2	SB	x							

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Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-218	1640170	08/07/1997	0 - 2	SB	x							
SK-SB-219	1640179	08/07/1997	0 - 2	SB	x							
SK-SB-220	1640187	08/07/1997	0 - 2	SB	x							
SK-SB-221	1640201	08/08/1997	0 - 2	SB	x							
SK-SB-222	1640210	08/08/1997	0 - 2	SB	x							
SK-SB-223	1640218	08/08/1997	0 - 2	SPB	x							
SK-SB-224	1640232	08/11/1997	0 - 2	SPB	X							
SK-SB-225	1640241	08/11/1997	0 - 2	SPB	X							
SK-SB-226	1640249	08/11/1997	0 - 2	SPB	X							
SK-SB-227	1640379	08/12/1997	0 - 2	SB	x							
SK-SB-228	1640388	08/12/1997	0 - 2	SB	x							
SK-SB-228	1640395	08/12/1997		SB	x							
SK-SB-229	1640396	08/12/1997	0 - 2	SB	x							
SK-SB-230	1640404	08/12/1997	0 - 2	SB	X							
SK-SB-231	1640412	08/12/1997	0 - 2	SB	X							
SK-SB-232	1640420	08/12/1997	0 - 2	SB	x							
SK-SB-233	1640469	08/13/1997	0 - 2	SB	X							
SK-SB-234	1640478	08/13/1997	0 - 2	SB	X							
SK-SB-235	1640486	08/13/1997	0 - 2	SB	X							
SK-SB-236	1640494	08/13/1997	0 - 2	SB	X							
SK-SB-237	1640502	08/13/1997	0 - 2	SB	X							
SK-SB-238	1640510	08/13/1997	0 - 2	SB	X							
SK-SB-239	1640518	08/13/1997	0 - 2	SB	X							
SK-SB-240	1641444	08/27/1997	0 - 2	SB	X	x						
SK-SB-241	1641453	08/27/1997	0 - 2	SB	X	x						
SK-SB-242	1641461	08/27/1997	0 - 2	SB	X							
SK-SB-243	1641469	08/27/1997	0 - 2	SPB	X	X						
SK-SB-244	1641486	08/29/1997	0 - 2	SB	X							
SK-SB-245	1641495	08/29/1997	0 - 2	SB	x							
SK-SB-246	1641505	09/02/1997	0 - 2	SPB	X							
SK-SB-247	1641514	09/02/1997	0 - 2	SB	x							
SK-SB-248	1641522	09/02/1997	0 - 2	SB	x							

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-249	1641530	09/02/1997	0 - 2	SB	x							
SK-SB-250	1641541	09/03/1997	0 - 2	SB	X	X						
SK-SB-251	1641550	09/03/1997	0 - 2	SB	X	x						
SK-SB-252	1641558	09/03/1997	0 - 2	SB	x							
SK-SB-253	1641572	09/08/1997	0 - 2	SB	x							
SK-SB-254	1641581	09/08/1997	0 - 2	SB	x							
SK-SB-255	1641589	09/08/1997	0 - 2	SB	x							
SK-SB-256	1641597	09/08/1997	0 - 2	SB	x							
SK-SB-257	1641609	09/09/1997	0 - 2	SB	x							
SK-SB-258	1641618	09/09/1997	0 - 2	SB	x							
SK-SB-259	1641626	09/09/1997	0 - 2	SB	x							
SK-SB-260	1641634	09/09/1997	0 - 2	SB	x	X			x	x		
SK-SB-261	1641642	09/09/1997	0 - 2	SB	x				x			
SK-SB-262	1641657	09/10/1997	0 - 2	SPB	X							
SK-SB-263	1641666	09/10/1997	0 - 2	SB	X	X	x		x	x	X	
SK-SB-264	1641674	09/10/1997	0 - 2	SPB	X	X	x		X	X	X	
SK-SB-265	1641682	09/10/1997	0 - 2	SPB	X	X	x		x	X	X	
SK-SB-266	1641696	09/12/1997	0 - 2	SPB	X							
SK-SB-267	1641705	09/12/1997	0 - 2	SB	X							
SK-SB-268	1641713	09/12/1997		SPB	X							
SK-SB-273	1947624	01/18/2000	0 - 2	SB	x							
SK-SB-274	1947630	01/18/2000	0 - 2	SB	x							
SK-SB-275	1947636	01/18/2000	0 - 2	SB	x							
SK-SB-276	1947642	01/18/2000	0 - 2	SB	x							
SK-SB-277	1947649	01/19/2000	0 - 2	SB	x							
SK-SB-277	1947650	01/19/2000	0 - 2	SB	x							
SK-SB-278	1947656	01/19/2000	0 - 2	SB	x							
SK-SB-279	1947662	01/19/2000	0 - 2	SB	x							
SK-SB-280	1951510	01/21/2000	0 - 2	SB	x							
SK-SB-281	1951518	01/21/2000	0 - 2	SB	x							
SK-SB-282	1951526	01/21/2000	0 - 2	SB	x							
SK-SB-283	1951539	01/26/2000	0 - 2	SB	x							

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-284	1951547	01/26/2000	0 - 2	SB	x							
SK-SB-285	1951555	01/26/2000	0 - 2	SB	x							
SK-SB-286	1951563	01/26/2000	0 - 2	SB	x							
SK-SB-287	1951590	02/16/2000	0 - 2	SB	X							
SK-SB-288	1951598	02/16/2000	0 - 2	SB	x							
SK-SB-289	1951606	02/16/2000	0 - 2	SB	x							
SK-SB-294	1951652	02/18/2000	0 - 2	SB	x							
SK-SB-295	1948215	12/30/1999	0 - 2	SB		x	X		X	X	X T	
SK-SB-296	1948217	12/30/1999	0 - 2	SB		x	X		X	X	X T	
SK-SB-297	1948219	12/30/1999	0 - 2	SB		x	X		X	X	X T	
SK-SB-298	1948221	12/30/1999	0 - 2	SB		x	X		X	X	X T	
SK-SB-299	1948223	12/30/1999	0 - 2	SB		x	X		X	X	X T	
SK-SB-300	1948225	12/30/1999	0 - 2	SB		x	X		X	X	X T	
SK-SB-301	1948402	12/30/1999	0 - 2	SB		x	X		X	x	X T	
SK-SB-302	1948404	12/30/1999	0 - 2	SB		x	x		x	X	X t	
SK-SB-306	1972059	10/17/2000	0 - 2	SB	x							
SK-SB-307	1972067	10/17/2000	0 - 2	SB	x							
SK-SB-308	1972075	10/17/2000	0 - 2	SB	x							
SK-SB-309	1972083	10/17/2000	0 - 2	SB	x							
SK-SB-310	1972303	10/18/2000	0 - 2	SB	x							
SK-SB-311	1972309	10/18/2000	0 - 2	SB	x							
SK-SB-312	1972315	10/18/2000	0 - 2	SB	x							
SK-SB-313	1972321	10/18/2000	0 - 2	SB	x							
SK-SB-314	1972327	10/18/2000	0 - 2	SB	x							
SK-SB-315	1972333	10/18/2000	0 - 2	SB	x							
SK-SB-316	1972339	10/18/2000	0 - 2	SB	x							
SK-SB-317	1972345	10/18/2000	0 - 2	SB	x							
SK-SB-318	1972352	10/20/2000	0 - 2	SB	x							
SK-SB-319	1972362	10/20/2000	0 - 2	SB	x							
SK-SB-32	1016368	07/24/1996	0 - 1	SB	X				X	X	X	
SK-SB-320	1972370	10/20/2000	0 - 2	SB	x							
SK-SB-321	1972378	10/20/2000	0 - 2	SB	x							

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Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-322	1972383	10/20/2000	0 - 2	SB	x							
SK-SB-33	1016372	07/24/1996	0 - 1	SB	X				x	X	X	
SK-SB-34	1016376	07/24/1996	0 - 1	SB	X				x	x	X	
SK-SB-35	1016380	07/24/1996	0 - 1	SB	X				X	x	X	
SK-SB-36	1016384	07/24/1996	0 - 1	SB					x	X	X	
SK-SB-37	1016388	07/24/1996	0 - 1	SB					x	x	X	
SK-SB-38	1017409	08/27/1996	0 - 2	SPB	X							
SK-SB-39	1017386	08/26/1996	0 - 2	SB	x	x	x				X	
SK-SB-40	1017398	08/27/1996	0 - 2	SB	X	x	x		x	x	X	
SK-SB-41	1017375	08/26/1996	0 - 2	SB	X	x	X				X	
SK-SB-42	1017263	08/19/1996	0 - 2	SB	x	x	x			x	X	
SK-SB-43A	1017269	08/20/1996	0 - 2	SB	x							
SK-SB-46	1017274	08/20/1996	0 - 2	SB	x							
SK-SB-47	1017284	08/20/1996	0 - 2	SB	x							
SK-SB-48	1017338	08/22/1996	0 - 2	SB	x	x	x				X	
SK-SB-49	1017321	08/22/1996	0 - 2	SB	x	x	x				X	
SK-SB-50	1017330	08/22/1996	0 - 2	SB	x	x	x				X	
SK-SB-51	1017311	08/21/1996	0 - 2	SB	X							
SK-SB-52	1017419	08/28/1996	0 - 2	SB	x	x	x				X	
SK-SB-52	1017420	08/28/1996	0 - 2	SB	x	x	x				X	
SK-SB-53	1017444	08/29/1996	0 - 2	SB	x							
SK-SB-54	1017348	08/23/1996	0 - 2	SB	x	x	x				X	
SK-SB-55	1017365	08/23/1996	0 - 2	SB	x	x	x				X	
SK-SB-56	1017357	08/23/1996	0 - 2	SB	x	x	x				X	
SK-SB-57	1017430	08/28/1996	0 - 2	SB	x	x	x				X	
SK-SB-58	1017805	09/04/1996	0 - 2	SB	x	x	x		x	X	X	
SK-SB-59	1017760	08/29/1996	0 - 2	SB	x	X	x		x	X	X	
SK-SB-60	1017770	09/03/1996	0 - 2	SB	x	x	x		x	x	X	
SK-SB-61	1017822	09/04/1996	0 - 2	SPB	x	x	X		x	X	X	
SK-SB-62	1017779	09/03/1996	0 - 2	SB	x							
SK-SB-63	1017787	09/03/1996	0 - 2	SB	X	X	x		x	x	X	
SK-SB-64	1017795	09/03/1996	0 - 2	SPB	x	X	X		x	x	X	

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SK-SB-65	1017850	09/05/1996	0 - 2	SPB	X	X	X		x	X	X	
SK-SB-66	1017842	09/05/1996	0 - 2	SB	x	x	x		x	x	X	
SK-SB-67	1017833	09/05/1996	0 - 2	SB	x							
SK-SB-68	1017814	09/04/1996	0 - 2	SB	x	x	x		x	X	X	
SK-SB-69	1017883	09/06/1996	0 - 2	SB	x	x	x		x	x	X	
SK-SB-70	1017915	09/06/1996	0 - 2	SB	x	x	x			x	X	
SK-SB-71	1017926	09/10/1996	0 - 2	SPB	X							
SK-SB-72	1017935	09/10/1996	0 - 2	SB	x							
SK-SB-73	1017943	09/10/1996	0 - 2	SB	x							
SK-SB-74	1017951	09/10/1996	0 - 2	SB	x							
SK-SB-75	1017961	09/11/1996	0 - 2	SB	x							
SK-SB-76	1017970	09/11/1996	0 - 2	SPB	X							
SK-SB-77	1017977	09/11/1996	0 - 2	SPB	X							
SK-SB-78	1017989	09/12/1996	0 - 2	SB	x							
SK-SB-79	1018000	09/13/1996	0 - 2	SB	x							
SK-SB-80	1018009	09/13/1996	0 - 2	SB	X	x	X			X	X	
SK-SB-81	1018017	09/13/1996	0 - 2	SB	X							
SK-SB-82	1018388	09/19/1996	0 - 2	SB	x							
SK-SB-83	1018415	09/20/1996	0 - 2	SB	x	x	x			X	X	
SK-SB-84	1018397	09/19/1996	0 - 2	SB	x							
SK-SB-85	1018405	09/19/1996	0 - 2	SB	x							
SK-SB-86	1018465	09/23/1996	0 - 2	SB	x							
SK-SB-87	1018457	09/23/1996	0 - 2	SPB	x							
SK-SB-88	1018448	09/23/1996	0 - 2	SB	x							
SK-SB-89	1018422	09/20/1996	0 - 2	SB	x							
SK-SB-90	1018475	09/24/1996	0 - 2	SB	x	x	x			x	X	
SK-SB-91	1018430	09/20/1996	0 - 2	SB	X	x	x			x	X	
SK-SB-92	1018438	09/20/1996	0 - 2	SB	x							
SK-SB-93	1020692	10/25/1996	0 - 2	SB	X	X			x	X	X	
SK-SB-94	1020695	10/25/1996	0 - 2	SB	X	X			x	x	X	
SK-SB-95	1020697	10/25/1996	0 - 2	SB	x							
SK-SB-96	1020699	10/25/1996	0 - 2	SB	X	x			x	x	X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received, Capitalized - at least one analyte in class detected

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Table 24
SUMMARY OF SURFACE SOIL SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - TRESPASSER EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SB-97	1020701	10/25/1996	0 - 2	SB	X							
SK-SB-98	1020703	10/25/1996	0 - 2	SB	X							
SK-SB-99	1021134	11/12/1996	0 - 1	SB							X	
SK-SS-01	02015051893	05/18/1993		SS		X			x		X t	
SK-SS-02	02025051893	05/18/1993		SS		X			x		X t	
SK-SS-03	02035051893	05/18/1993		SS		X			X		X T	
SK-SS-07	02075051893	05/18/1993		SS		X			X		X T	
SK-SS-08	02085051893	05/18/1993		SS		x			X		X T	
SK-SS-09	02095051893	05/18/1993		SPS		X			X		X t	
SK-SS-10	02105051893	05/18/1993		SS		X			x		X t	
SK-SS-11	02115051893	05/18/1993		SPS							t	
SK-SS-11	02115081893	05/18/1993		SPS		x			X		X	
SK-SS-12	02125052093	05/20/1993		SPS		X	x		x		X	
SK-SS-12	02125209393	05/20/1993		SPS							t	
SK-SS-13	02135052093	05/20/1993		SS		x	x		X		X	
SK-SS-13	02135209393	05/20/1993		SS							t	
SK-SS-14	02145052093	05/20/1993		SPS		x	X		X		X	
SK-SS-14	02145209393	05/20/1993		SPS							T	
SK-SS-15	02155052093	05/20/1993		SPS		x	x		x		X	
SK-SS-15	02155209393	05/20/1993		SPS							T	
SK-SS-16	02165052093	05/20/1993		SPS		x	x		x		X	
SK-SS-16	21655209393	05/20/1993		SPS							T	
SK-SS-17	1947563	01/12/2000		SS			X					
SK-SS-18	1947564	01/12/2000		SS			X					
SK-SS-19	1947565	01/12/2000		SS			X					
SK-SS-20	1947566	01/12/2000		SS			X					
SK-SS-X1	X1	05/31/1996		SPS		X				X		
SK-SS-X2	X2	05/31/1996		SS		x				x		
SK-SS-X3	X3	05/31/1996		SS		x				x		
SK-SS-X4	X4	05/31/1996		SS		x				x		
SK-TP-07E	1635181	06/10/1997		SS		x				x	X	
SK-TP-07N	1635179	06/10/1997		SS		x				x	X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 24
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AIRPORT/KLONDIKE AREA - TRESPASSER EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information						
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-TP-07S	1635180	06/10/1997		SS	x				x	X	
SK-TP-07W	1635182	06/10/1997		SS	x				x	X	
SK-TP-07W	1635183	06/10/1997		SS	x				x	X	
SK-TP-08E	1635186	06/10/1997		SS	x				x	X	
SK-TP-08N	1635184	06/10/1997		SS	x				x	X	
SK-TP-08S	1635185	06/10/1997		SS	x				x	X	
SK-TP-08W	1635187	06/10/1997		SS	x				x	X	
SK-TP-09E	1635197	06/10/1997		SS	x			x	X	X	
SK-TP-09N1	1635193	06/10/1997		SS	x			x	x	X	
SK-TP-09N2	1635194	06/10/1997		SS	x			x	x	X	
SK-TP-09S1	1635195	06/10/1997		SS	x			x	x	X	
SK-TP-09S2	1635196	06/10/1997		SS	X			x	X	X	
SK-TP-09W	1635198	06/10/1997		SS	x			x	x	X	
SK-TP-10E	1635203	06/10/1997		SS	x			x	x	X	
SK-TP-10N1	1635199	06/10/1997		SS	x			x	x	X	
SK-TP-10N2	1635200	06/10/1997		SS	x			x	x	X	
SK-TP-10S1	1635201	06/10/1997		SS	x			x	x	X	
SK-TP-10S2	1635202	06/10/1997		SS	x			x	x	X	
SK-TP-10W	1635204	06/10/1997		SS	x			x	x	X	
SK-TP-10W	1635205	06/10/1997		SS	x			x	x	X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 25
SUMMARY OF SURFACE SOIL SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDSKEEPER EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NA-MW-07	1026384	02/20/1997	0 - 2	SB	x							
NA-SB-01	1016749	08/09/1996	0 - 2	SB	x							
NA-SB-02	1016757	08/09/1996	0 - 2	SB	x	x	x			x	X	
NA-SB-03	1016767	08/09/1996	0 - 2	SB	x	x	x			x	X	
NA-SB-04	1020281	10/21/1996	0 - 2	SB	x							
NA-SB-05	1020290	10/21/1996	0 - 2	SPB	x							
NA-SB-06	1020300	10/22/1996	0 - 2	SPB	X							
NA-SB-07	1020308	10/22/1996	0 - 2	SB	x							
NA-SB-08	1020316	10/22/1996	0 - 2	SB	x							
NA-SB-09	1020327	10/23/1996	0 - 2	SPB	x							
NA-SB-10	1020336	10/23/1996	0 - 2	SPB	x							
NA-SB-105	449010412-01	04/12/2001	0.5 - 1.5	SB		x			x	x	X T	
NA-SB-106	449010412-02	04/12/2001	0.5 - 1.5	SB		x			x	x	X T	
NA-SB-107	449010412-03	04/12/2001	0.5 - 1.5	SB		x			x	x	X T	
NA-SB-108	449010412-04	04/12/2001	0.5 - 1.5	SB		x			x	x	X T	
NA-SB-109	449010412-05	04/12/2001	0.5 - 1.5	SB		x			x	x	X T	
NA-SB-11	1020344	10/23/1996	0 - 2	SB	x							
NA-SB-114	449010412-07	04/12/2001	0.5 - 1.5	SB		x			x	x	X T	
NA-SB-115	449010412-08	04/12/2001	0.5 - 1.5	SB		x			x	x	X T	
NA-SB-116	449010412-16	04/12/2001	0.5 - 1.5	SB		x			x	x	X T	
NA-SB-117	449010412-17	04/12/2001	0.5 - 1.5	SB		x			x	x	X T	
NA-SB-12	1020354	10/24/1996	0 - 2	SB	x							
NA-SB-13	1020363	10/24/1996	0 - 2	SB	x							
NA-SB-14	1020371	10/24/1996	0 - 2	SB	x							
NA-SB-15	1020381	10/28/1996	0 - 2	SB	x							
NA-SB-16	1020390	10/28/1996	0 - 2	SB	x							
NA-SB-17	1020398	10/28/1996	0 - 2	SB	x							
NA-SB-18	1020406	10/29/1996	0 - 2	SB	x							
NA-SB-19	1026253	02/11/1997	0 - 2	SPB	x							
NA-SB-20	1026259	02/11/1997	0 - 2	SPB	x							
NA-SB-21	1026268	02/11/1997	0 - 2	SPB	x							
NA-SB-22	1026275	02/12/1997	0 - 2	SB	X							

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 25
SUMMARY OF SURFACE SOIL SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDSKEEPER EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NA-SB-23	1026284	02/12/1997	0 - 2	SB	x							
NA-SB-24	1026292	02/12/1997	0 - 2	SB	x							
NA-SB-25	1026300	02/12/1997	0 - 2	SPB	x							
NA-SB-26	1026309	02/13/1997	0 - 2	SB	x							
NA-SB-27	1026318	02/13/1997	0 - 2	SB	x							
NA-SB-28	1026325	02/13/1997	0 - 2	SB	x							
NA-SB-29	1026332	02/18/1997	0 - 2	SPB	x							
NA-SB-30	1026341	02/18/1997	0 - 2	SPB	x							
NA-SB-31	1026349	02/18/1997	0 - 2	SPB	x							
NA-SB-32	1026357	02/19/1997	0 - 2	SB	x							
NA-SB-33	1026366	02/19/1997	0 - 2	SB	x							
NA-SB-34	1026374	02/19/1997	0 - 2	SB	x							
NA-SB-36	1026881	02/24/1997	0 - 2	SB	x	x	x			x	X	
NA-SB-37	1026890	02/24/1997	0 - 2	SB	x	x				X	X	
NA-SB-38	1026898	02/24/1997	0 - 2	SPB	x	x				x	X	
NA-SB-39	1026908	02/25/1997	0 - 2	SPB	x							
NA-SB-40	1026917	02/25/1997	0 - 2	SPB	x							
NA-SB-41	1026925	02/26/1997	0 - 2	SPB	x							
NA-SB-42	1026933	02/26/1997	0 - 2	SPB	x							
NA-SB-43	1634280	06/02/1997	0 - 2	SB	x							
NA-SB-44	1634289	06/02/1997	0 - 2	SB	x							
NA-SB-45	1634297	06/02/1997	0 - 2	SPB	x							
NA-SB-46	1634307	06/03/1997	0 - 2	SPB	x							
NA-SB-47	1634316	06/03/1997	0 - 2	SPB	x							
NA-SB-48	1634324	06/03/1997	0 - 2	SPB	x							
NA-SB-49	1634332	06/03/1997	0 - 2	SPB	x							
NA-SB-55	1640014	08/04/1997	0 - 2	SB	x							
NA-SB-56	1640023	08/04/1997	0 - 2	SB	x							
NA-SB-57	1640031	08/04/1997	0 - 2	SB	x							
NA-SB-58	1640039	08/04/1997	0 - 2	SB	x							
NA-SB-59	1640047	08/04/1997	0 - 2	SB	x							
NA-SB-60	1640060	08/05/1997	0 - 2	SB	x							

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

Table 25
SUMMARY OF SURFACE SOIL SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDSKEEPER EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NA-SB-61	1640069	08/05/1997	0 - 2	SB	x							
NA-SB-62	1640077	08/05/1997	0 - 2	SB	x							
NA-SS-01	03015052893	05/28/1993		SS					x			
NA-SS-02	03025052893	05/28/1993		SS					x			
NA-SS-03	03035052893	05/28/1993		SS					x			
SA-SB-10	1016466	07/31/1996	0 - 2	SB	X							
SA-SB-104	1635989	06/24/1997	0 - 2	SB	x							
SA-SB-105,11	1657345	03/27/1998		SPB							T	
SA-SB-106	1636045	06/24/1997	0 - 2	SB	x							
SA-SB-107	1636053	06/24/1997	0 - 2	SB	x							
SA-SB-108	1636061	06/24/1997	0 - 2	SB	x							
SA-SB-109	1636069	06/24/1997	0 - 2	SB	x							
SA-SB-11	1016475	07/31/1996	0 - 2	SB	x	x	x		x	x	X	
SA-SB-119	1637747	07/01/1997	0 - 2	SB	x							
SA-SB-119	1637748	07/01/1997	0 - 2	SB	x							
SA-SB-12	1016483	07/31/1996	0 - 2	SB	x	x	x		X	X	X	
SA-SB-120	1637756	07/01/1997	0 - 2	SB	x							
SA-SB-121	1637764	07/01/1997	0 - 2	SB	x							
SA-SB-122	1637774	07/01/1997	0 - 2	SB	x	x	x			x		
SA-SB-123	1637782	07/01/1997	0 - 2	SB	x	x	x			X		
SA-SB-124	1637079	07/02/1997	0 - 2	SB	x	x	x		x	X		
SA-SB-125	1637088	07/02/1997	0 - 2	SB	x	x	x		x	x		
SA-SB-126	1637096	07/02/1997	0 - 2	SB	x	x	x		x	x		
SA-SB-127	1637104	07/02/1997	0 - 2	SB	x	x	x		X	X		
SA-SB-128	1637112	07/02/1997	0 - 2	SB	x	x	x		x	x		
SA-SB-129	1637120	07/02/1997	0 - 2	SB	x	x	x		x	x		
SA-SB-130	1637128	07/03/1997	0 - 2	SB	X	X	x		X	x		
SA-SB-131	1637136	07/03/1997	0 - 2	SB	x	x	x		x	x		
SA-SB-132	1637144	07/03/1997	0 - 2	SB	x	x	X		x	X		
SA-SB-133	1637160	07/07/1997	0 - 2	SB	X	x	x		x	x		
SA-SB-134	1637169	07/07/1997	0 - 2	SB	X	x	X		x	x		
SA-SB-135	1637177	07/07/1997	0 - 2	SB	X	x	x		x	X		

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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AIRPORT/KLONDIKE AREA - GROUNDSKEEPER EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SA-SB-136	1637185	07/07/1997	0 - 2	SB	X	x	x		x	x		
SA-SB-137	1637198	07/08/1997	0 - 2	SB	x	x	x		X	x		
SA-SB-138	1637207	07/08/1997	0 - 2	SB	x	x	x		X	x		
SA-SB-139	1637215	07/08/1997	0 - 2	SB	x	x	x		X	x		
SA-SB-14	1016502	08/02/1996	0 - 2	SB	x							
SA-SB-142	1637243	07/09/1997	0 - 2	SB	x	X	x		X	x		
SA-SB-143	1637251	07/09/1997	0 - 2	SB	x	x	x		X	x		
SA-SB-144	1637259	07/09/1997	0 - 2	SB	x	x	x		x	x		
SA-SB-145	1637267	07/09/1997	0 - 2	SB	x	x	x		x	x		
SA-SB-147	1637286	07/10/1997	0 - 2	SB	x	x	x		X	X		
SA-SB-148	1637294	07/10/1997	0 - 2	SB	X	x	x		X	X		
SA-SB-151	1637321	07/11/1997	0 - 2	SB	x	x	X		x	x		
SA-SB-152	1638950	07/14/1997	0 - 2	SB	x	x	X		x	x		
SA-SB-153	1638959	07/14/1997	0 - 2	SB	x	x	x		x	x		
SA-SB-154	1638793	07/17/1997	0 - 2	SB	x	X	x			X		
SA-SB-155	1638802	07/17/1997	0 - 2	SB	x	X	X			X		
SA-SB-156	1638810	07/17/1997	0 - 2	SB	x	x	x			x		
SA-SB-157	1638818	07/18/1997	0 - 2	SB	x	x	x			x		
SA-SB-158	1638830	07/18/1997	0 - 2	SB	x	x	x			x		
SA-SB-159	1638839	07/18/1997	0 - 2	SB	x	x	x			x		
SA-SB-16	1016518	08/05/1996	0 - 2	SB	x							
SA-SB-160	1638847	07/18/1997	0 - 2	SB	x	x	x			x		
SA-SB-161	1638859	07/21/1997	0 - 2	SB	x							
SA-SB-162	1638868	07/21/1997	0 - 2	SB	x							
SA-SB-163	1654011	02/03/1998	0 - 2	SB	x							
SA-SB-164	1654019	02/03/1998	0 - 2	SB	x	x	X		x	X	XST	
SA-SB-166	1654036	02/03/1998	0 - 2	SB	x	x	X		X	X	XST	
SA-SB-167	1654048	02/04/1998	0 - 2	SB	x	x	x		x	x	XST	
SA-SB-168	1654056	02/04/1998	0 - 2	SB	x	x	X		X	X	XST	
SA-SB-169	1654062	02/04/1998	0 - 2	SB	x	x	x		X	X	XST	
SA-SB-17	1016526	08/05/1996	0 - 2	SB	x	x	X		x	x	X	
SA-SB-171	1947457	11/22/1999	0 - 2	SB		x	x		x	x	X T	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/13/2004

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AIRPORT/KLONDIKE AREA - GROUNDSKEEPER EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SA-SB-174	1947475	11/22/1999	0 - 2	SB						X		
SA-SB-176	1045550	04/02/2004	0 - 2	SB		X			x	X	X T	
SA-SB-177	1045552	04/02/2004	0 - 2	SB		X			x	X	X T	
SA-SB-178	1045554	04/02/2004	0 - 2	SB		X			x	X	X T	
SA-SB-18	1016534	08/05/1996	0 - 2	SB	x	x	x		x	x	X	
SA-SB-20	1016697	08/06/1996	0 - 2	SB	x	x				X	X	
SA-SB-21	1016682	08/06/1996	0 - 2	SB	x	x				x	X	
SA-SB-23	1016715	08/07/1996	0 - 2	SB	X	x				x	X	
SA-SB-24	1016724	08/07/1996	0 - 2	SB	x	x				x	X	
SA-SB-25	1016732	08/07/1996	0 - 2	SB	x	x				x	X	
SA-SB-26	1016674	08/08/1996	0 - 2	SB	x	x				x	X	
SA-SB-27	1016741	08/08/1996	0 - 2	SB	x	x				x	X	
SA-SB-28	1021159	11/05/1996	0 - 2	SB	x							
SA-SB-29	1021041	11/06/1996	0 - 2	SB	x							
SA-SB-31	1021058	11/06/1996	0 - 2	SB	x							
SA-SB-32	1021068	11/07/1996	0 - 2	SB	x							
SA-SB-33	1021076	11/07/1996	0 - 2	SB	x							
SA-SB-33	1021077	11/07/1996	0 - 2	SB	x							
SA-SB-36	1022416	11/18/1996	0 - 2	SB	X	x	X		x	X		
SA-SB-38	1022435	11/19/1996	0 - 2	SB	x	x	X		x	x		
SA-SB-39	1022444	11/19/1996	0 - 2	SB	x	x	x		x	x		
SA-SB-40	1022452	11/19/1996	0 - 2	SB	x	x	x		x	x		
SA-SB-41	1022462	11/20/1996	0 - 2	SB	x	x	x		x	x		
SA-SB-42	1022471	11/20/1996	0 - 2	SB	x	x	x		x	X		
SA-SB-43	1022479	11/20/1996	0 - 2	SB	x	x	x		x	x		
SA-SB-45	1022497	11/21/1996	0 - 2	SB	x	x	X		x	x		
SA-SB-46	1022505	11/21/1996	0 - 2	SB	x	x	x		x	X		
SA-SB-47	1022516	11/25/1996	0 - 2	SB	x	x	x		x	X		
SA-SB-50	1022543	11/26/1996	0 - 2	SB	x							
SA-SB-51	1022552	11/26/1996	0 - 2	SB	x	x	x		x	x		
SA-SB-52	1022560	11/26/1996	0 - 2	SB	x	x	x		x	x		
SA-SB-53	1022570	11/27/1996	0 - 2	SB	x	x	x		x	X		

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 25
SUMMARY OF SURFACE SOIL SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDSKEEPER EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SA-SB-54	1022587	12/02/1996	0 - 2	SB	x	x	x		X	X		
SA-SB-55	1022595	12/02/1996	0 - 2	SB	x	x	x		X	X		
SA-SB-56	1022603	12/02/1996	0 - 2	SB	X	x	x		x	X		
SA-SB-57	1022720	12/03/1996	0 - 2	SB	x	x	x			X		
SA-SB-58	1022723	12/03/1996	0 - 2	SB	x					X		
SA-SB-59	1022726	12/03/1996	0 - 2	SB	x					X		
SA-SB-60	1022729	12/03/1996	0 - 2	SB	X	x	x			X		
SA-SB-61	1022732	12/03/1996	0 - 2	SB	x	x				x		
SA-SB-62	1022735	12/03/1996	0 - 2	SB	x	x				x		
SA-SB-63	1022738	12/03/1996	0 - 2	SB	x	x				x		
SA-SB-64	1022741	12/03/1996	0 - 2	SB	x					x		
SA-SB-65	1022744	12/03/1996	0 - 2	SB	X	x	x			X		
SA-SB-66	1022751	12/04/1996	0 - 2	SB	x	x	x			x		
SA-SB-67	1022760	12/04/1996	0 - 2	SB	x	x				x		
SA-SB-68	1022769	12/04/1996	0 - 2	SB	x	x				x		
SA-SB-69	1022778	12/05/1996	0 - 2	SB	x	x				X		
SA-SB-72	1023145	12/10/1996	0 - 2	SB	x	x	x		x	x		
SA-SB-73	1023153	12/10/1996	0 - 2	SB	x	x	x		x	x		
SA-SB-74	1023164	12/11/1996	0 - 2	SB	x	x	X		x	X		
SA-SB-75	1023172	12/11/1996	0 - 2	SB	x	x	X		x	X		
SA-SB-76	1023859	12/18/1996	0 - 2	SB	X	x	x		X	X		
SA-SB-77	1023868	12/18/1996	0 - 2	SB	x	x	x		x	X		
SA-SB-78	1023876	12/18/1996	0 - 2	SB	x	x	X		x	X		
SA-SB-79	1023892	12/19/1996	0 - 2	SB	x							
SA-SB-80	1023900	12/19/1996	0 - 2	SB	x							
SA-SB-81	1023925	12/20/1996	0 - 2	SB	x							
SA-SB-82	1023933	12/20/1996	0 - 2	SB	x							
SA-SB-84	1023953	01/08/1997	0 - 2	SB	x	x				X	X	
SA-SB-86a	1657341	03/27/1998		SPB							T	
SA-SB-88a	1657339	03/27/1998		SPB							T	
SA-SD-01	040140819921	08/18/1992		SB		x					X	
SA-SS-01	1947567	01/12/2000		SS			X					

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 25
SUMMARY OF SURFACE SOIL SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - GROUNDSKEEPER EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SA-SS-02	1947568	01/12/2000		SS			X					
SA-SS-03	1947569	01/12/2000		SS			X					
SA-SS-04	1947570	01/12/2000		SS			X					
SA-SS-05	1947571	01/12/2000		SS			X					
SA-SS-06	1947572	01/12/2000		SS			X					
SA-SS-07	1947573	01/12/2000		SS			X					
SA-SS-08	1947574	01/12/2000		SS			X					
SA-SS-09	1947575	01/12/2000		SS			X					
SA-SS-10	1947576	01/12/2000		SS			X					
SA-SS-11	1947577	01/12/2000		SS			X					
SA-SS-12	1947578	01/12/2000		SS			X					
SA-SS-21	1971790	10/16/2000	0 - 0.5	SB			X					
SA-SS-22	1971792	10/16/2000	0.0 - 0.5	SB			X					
SA-SS-23	1971794	10/16/2000	0.0 - 0.5	SB			X					
SA-SS-24	1971796	10/16/2000	0.0 - 0.5	SB			X					
SA-SS-25	1971798	10/16/2000	0.0 - 0.5	SB			X					
SA-SS-26	1971800	10/16/2000	0.0 - 0.5	SB			X					
SA-SS-27	1971802	10/16/2000	0.0 - 0.5	SB			X					
SA-SS-28	1971804	10/16/2000	0.0 - 0.5	SB			X					
SA-SS-29	1971806	10/16/2000	0.0 - 0.5	SB			X					
SA-SS-30	1971808	10/16/2000	0.0 - 1.5	SB			X					
SA-SS-31	1971810	10/16/2000	0.0 - 1.5	SB			X					
SA-SS-32	1971812	10/16/2000	0.0 - 0.5	SB			X					
SA-SS-33	1971814	10/16/2000	0.0 - 0.5	SB			X					
SA-SS-34	1971816	10/16/2000	0.0 - 0.5	SB			X					
SA-SS-35	1971818	10/16/2000	0.0 - 0.5	SB			X					
SA-SS-37	1971822	10/16/2000	0.0 - 0.5	SB			X					
SA-SS-38	1971824	10/16/2000	0.0 - 0.5	SB			X					

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 26
SUMMARY OF SURFACE SOIL SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA - SAMPLER EXPOSURE EVALUATION

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SA-SB-163	1654011	02/03/1998	0 - 2	SB	x							
SA-SB-164	1654019	02/03/1998	0 - 2	SB	x	x	X		x	X	XST	
SA-SB-166	1654036	02/03/1998	0 - 2	SB	x	x	X		X	X	XST	
SA-SB-167	1654048	02/04/1998	0 - 2	SB	x	x	x		x	x	XST	
SA-SB-168	1654056	02/04/1998	0 - 2	SB	x	x	X		X	X	XST	
SA-SB-169	1654062	02/04/1998	0 - 2	SB	x	x	x		X	X	XST	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 27
SUMMARY OF SEDIMENT SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NA-SD-01	03024051193	05/11/1993		SD		x	X		x		X T	
NA-SD-02	03014051193	05/11/1993		SD		x			x		X T	
NA-SD-03	03034051193	05/11/1993		SD		x			X		X T	
NA-SD-04	03044051193	05/11/1993		SD		x			x		X T	
NK-SD-01	01014112291	11/23/1991		SD		x			X		X	t
NK-SD-01	01014060992	06/10/1992		SD		x			X		X	
NK-SD-01	01014051393	05/13/1993		SD		x			X		X T	
NK-SD-01	1638979	07/17/1997		SD		X					X	
NK-SD-02	01034051393	05/13/1993		SD		x	x		X		X t	
NK-SD-02	01044051393	05/13/1993		SD		X	x		x		X t	
NK-SD-03	01024051393	05/13/1993		SD		x			x		X T	
NK-SD-04	01014060393	06/03/1993		SD		X	x		X			
NK-SD-05	01024060393	06/03/1993		SD		x	x		x			
NK-SD-06	01034060393	06/03/1993		SD		x	x		x			
NK-SD-06	01014070293-	07/02/1993		SD								x
NK-SD-07	01044060393	06/03/1993		SD		x	X		x			
NK-SD-07	01024070293-	07/02/1993		SD								x
NK-SD-08	01054060393	06/03/1993		SD		X	x		x			
NK-SD-09	01094070793	07/07/1993		SD							X	
NK-SD-19	01104070793	07/07/1993		SD							X	
SA-SD-01	04014112291	11/23/1991		SD		x			X		X	t
SA-SD-01	04014060992	06/10/1992		SD		X			x		X	
SA-SD-01	1638992	07/17/1997		SD		X					X	
SA-SD-01	1638995	07/17/1997		SD		x					X	
SA-SD-02	02034051193	05/11/1993		SD		x			x		X t	
SA-SD-02	1638994	07/17/1997		SD		X					X	
SA-SD-03	02024051193	05/11/1993		SD		x			x		X t	
SA-SD-04	04034051293	05/12/1993		SD		x			X		X t	
SA-SD-04	1638989	07/17/1997		SD		x					X	
SA-SD-05	04024051293	05/12/1993		SD		x			X		X T	
SA-SD-06	02014051193	05/11/1993		SD		X			x		X T	
SA-SD-06	1638993	07/17/1997		SD		x					X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 27
SUMMARY OF SEDIMENT SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SA-SD-07	04014051293	05/12/1993		SD		x			X		X t	
SA-SD-08	1638991	07/17/1997		SD		X					X	
SA-SD-09	1638990	07/17/1997		SD		X					X	
SK-SD-01	02014112291	11/23/1991		SD		X			x		X	t
SK-SD-01	02014060992	06/10/1992		SD		x			x		X	
SK-SD-01	02024051393	05/13/1993		SD		X			X		X T	
SK-SD-02	02024112291	11/23/1991		SD		x			X		X	t
SK-SD-02	02024060992	06/10/1992		SD		X			x		X	
SK-SD-02	02014051293	05/12/1993		SD		X			x		X T	
SK-SD-02	1638988	07/17/1997		SD		X					X	
SK-SD-03	02034051393	05/13/1993		SD		X	x		x		X t	
SK-SD-04	02014051393	05/13/1993		SD		x			x		X	
SK-SD-04	02140051393	05/13/1993		SD							t	
SK-SD-04	1638996	07/17/1997		SD		X					X	
SK-SD-05	02024051293	05/12/1993		SD		X	X		x		X t	
SK-SD-06	02018052893	05/28/1993		SD		X						
SK-SD-06	02015060793	06/07/1993		SD		x					X	
SK-SD-07	1017529	08/21/1996		SD		X	x		X		X	
SK-SD-07	1638984	07/17/1997		SD		X			X		X	
SK-SD-07	1638985	07/17/1997		SD		X			x		X	
SK-SD-08	1017528	08/21/1996		SD		X	x		x		X	
SK-SD-08	1638983	07/17/1997		SD		X					X	
SK-SD-09	1017527	08/21/1996		SD		X	x		x		X	
SK-SD-09	1638982	07/17/1997		SD		X					X	
SK-SD-10	1017526	08/21/1996		SD		X	x		x		X	
SK-SD-10	1638981	07/17/1997		SD		X					X	
SK-SD-11	1017525	08/21/1996		SD		X	x		x		X	
SK-SD-11	1638980	07/17/1997		SD		X					X	
SK-SD-12	1017531	08/21/1996		SD		X	x		x		X	
SK-SD-12	1017543	08/21/1996		SD		x	x		x		X	
SK-SD-13	1017530	08/21/1996		SD		x	x		x		X	
SK-SD-14	1017532	08/21/1996		SD		x	x		x		X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 27
SUMMARY OF SEDIMENT SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information						
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SD-15	1017533	08/21/1996		SD	x	x		x		X	
SK-SD-16	1638986	07/17/1997		SD	X					X	
SK-SD-17	1638987	07/17/1997		SD	X					X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 28
SUMMARY OF SURFACE WATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
NA-SW-01	03023051193	05/11/1993		SW		x	x				X	
NA-SW-01	03023051793	05/17/1993		SW		x						X
NA-SW-02	03013051193	05/11/1993		SW		x					X	
NA-SW-02	03013051793	05/17/1993		SW		x						X
NK-SW-01	01013112291	11/23/1991		SW		x					X	X
NK-SW-01	01013060892	06/09/1992		SW		x					X	X
NK-SW-01	01033051393	05/13/1993		SW		x	x		x		X	X
NK-SW-01D	01043051393	05/13/1993		SW		x	x		x		X	X
NK-SW-02	01023112291	11/23/1991		SW		x					X	X
NK-SW-02	01023060892	06/09/1992		SW		x					X	X
NK-SW-03	01033112191	11/22/1991		SW		x					X	X
NK-SW-03	01033060892	06/09/1992		SW		X					X	X
NK-SW-04	01043112291	11/23/1991		SW		x					X	X
NK-SW-04	01043060892	06/09/1992		SW		X					X	X
NK-SW-05	01053112291	11/23/1991		SW		x					X	X
NK-SW-05	01053060892	06/09/1992		SW		X					X	X
NK-SW-05	01023051393	05/13/1993		SW		x					X	
NK-SW-06	01063112191	11/22/1991		SW		x					X	X
NK-SW-06	01063060892	06/09/1992		SW		X					X	X
NK-SW-06	01013051393	05/13/1993		SW		x					X	
NK-SW-06	1638999	07/17/1997		SW		x					X	
SA-SW-01	04013112191	11/22/1991		SW		x					X	X
SA-SW-01	04013060892	06/09/1992		SW		x					X	X
SA-SW-01	02033051193	05/11/1993		SW		x					X	
SA-SW-01	1639014	07/17/1997		SW		x					X	
SA-SW-02	04023112191	11/22/1991		SW		x					X	X
SA-SW-02	04023060892	06/09/1992		SW		x					X	X
SA-SW-02	1639012	07/17/1997		SW		x					X	
SA-SW-03	04033112191	11/22/1991		SW		x					X	X
SA-SW-03	04033060892	06/09/1992		SW		x					X	X
SA-SW-04	02023051193	05/11/1993		SW		x					X	
SA-SW-05	04033051293	05/12/1993		SW		x					X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

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Table 28
SUMMARY OF SURFACE WATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SA-SW-05	1639009	07/17/1997		SW		x					x	
SA-SW-06	04023051293	05/12/1993		SW		x					X	
SA-SW-07	02013051193	05/11/1993		SW		x					X	
SA-SW-07	1639013	07/17/1997		SW		x					X	
SA-SW-08	04013051293	05/12/1993		SW		x					X	
SA-SW-08	1639015	07/17/1997		SW		x					X	
SA-SW-09	1639011	07/17/1997		SW		x					x	
SA-SW-10	1639010	07/17/1997		SW		x					X	
SK-SW-01	02013112191	11/22/1991		SW		x					X	X
SK-SW-01	02013060892	06/09/1992		SW		x					X	X
SK-SW-02	02023112191	11/22/1991		SW		X					X	X
SK-SW-02	02023060892	06/09/1992		SW		X					X	X
SK-SW-02	02023051393	05/13/1993		SW		X					X	
SK-SW-03	02033112191	11/22/1991		SW		X					X	X
SK-SW-03	02033060892	06/09/1992		SW		X					X	X
SK-SW-03	02013051293	05/12/1993		SW		X					X	
SK-SW-03	1639008	07/17/1997		SW		X					X	
SK-SW-04	02043112291	11/22/1991		SW		x					X	X
SK-SW-04	02043060892	06/09/1992		SW		x					X	X
SK-SW-04	02013051393	05/13/1993		SW		x					X	
SK-SW-04	1639016	07/17/1997		SW		x					x	
SK-SW-05	02033051393	05/13/1993		SW		X	x				X	
SK-SW-06	02023051293	05/12/1993		SW		x	x				X	
SK-SW-07	1017538	08/21/1996		SW		X	x		x		X	
SK-SW-07	1018912	10/07/1996		SW		X						
SK-SW-07	1639004	07/17/1997		SW		X					X	
SK-SW-07	1639005	07/17/1997		SW		X					X	
SK-SW-08	1017537	08/21/1996		SW		X	x		x		X	
SK-SW-08	1018911	10/07/1996		SW		X						
SK-SW-08	1639003	07/17/1997		SW		X					X	
SK-SW-09	1017536	08/21/1996		SW		X	x		x		X	
SK-SW-09	1018910	10/07/1996		SW		X						

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/14/2004

Table 28
SUMMARY OF SURFACE WATER SAMPLING AND ANALYTICAL INFORMATION
AIRPORT/KLONDIKE AREA

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class		Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SK-SW-09	1639002	07/17/1997		SW		X					x	
SK-SW-10	1017535	08/21/1996		SW		X	x		x		X	
SK-SW-10	1018909	10/07/1996		SW		X						
SK-SW-10	1639001	07/17/1997		SW		X					X	
SK-SW-11	1017534	08/21/1996		SW		X	x		x		X	
SK-SW-11	1018908	10/07/1996		SW		X						
SK-SW-11	1639000	07/17/1997		SW		X					X	
SK-SW-12	1632998	07/18/1997		SW		x	X			X		
SK-SW-12	1632999	07/18/1997		SW		x	x			X		
SK-SW-13	1633000	07/18/1997		SW		x	X			X		
SK-SW-14	1633001	07/18/1997		SW		x	x			X		
SK-SW-16	1639006	07/17/1997		SW		X					X	
SK-SW-17	1639007	07/17/1997		SW		X					x	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 09/14/2004

Table 30

Summary of Constituents Exceeding Table 3-3 Criteria in Groundwater
Airport/Klondike Area - Off-Site Utility Repair Workers Trench Air Evaluation

Constituent	Units	Spatial Arithmetic Mean	Table 3-3 Criteria	Exceedance
Carbon Disulfide	ug/L	1.460714286	1649889	No

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	ET-MW-19S	WT-GW-32D	WT-GW-32S	WT-GW-33D	WT-GW-33D	WT-GW-34S	WT-GW-35D
	Sample ID	1992852	1998472	1998475	2000984	2000984	1998459	2000987
	Sample Date	04/09/2001	08/01/2001	08/01/2001	08/03/2001	08/03/2001	07/31/2001	08/06/2001
	Sample Time	14:45	09:05	09:35	14:05	14:05	08:45	14:30
	Sample Depth	7.0' - 16.0'	17' - 20'	11' - 14'	14' - 18'	14' - 18'	11' - 14'	15.00' - 18.0
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1D110171010	A1H020176004	A1H020176006	A1H060128015	A1H060128016	A1H010261007	A1H080223005
Constituent	Units							
Depth of Well	Ft	15.61						
Depth To Water	Ft	8.02	12.5	12.5			12.25	14.00
Water Elevation	Ft	32.03						
Date Metals Analyzed	-	04/20/2001	08/03/2001	08/03/2001	08/10/2001	08/10/2001	08/02/2001	
Date Organics Analyzed	-							08/14/2001
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L				0.0044			
Arsenic (unfiltered)	mg/L		0.0047					
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L	0.0128		0.0217		0.0165	0.0128	
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethylene	ug/l							140 J

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	ET-MW-19S	WT-GW-32D	WT-GW-32S	WT-GW-33D	WT-GW-33D	WT-GW-34S	WT-GW-35D
	Sample ID	1992852	1998472	1998475	2000984	2000984	1998459	2000987
	Sample Date	04/09/2001	08/01/2001	08/01/2001	08/03/2001	08/03/2001	07/31/2001	08/06/2001
	Sample Time	14:45	09:05	09:35	14:05	14:05	08:45	14:30
	Sample Depth	7.0' - 16.0'	17' - 20'	11' - 14'	14' - 18'	14' - 18'	11' - 14'	15.00' - 18.0
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1D110171010	A1H020176004	A1H020176006	A1H060128015	A1H060128016	A1H010261007	A1H080223005
Constituent	Units							
cis-1,2-Dichloroethylene	ug/l							

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-35D	WT-GW-35S	WT-GW-37S	WT-GW-38D	WT-GW-38S	WT-GW-39D	WT-GW-39D
	Sample ID	2000987	2000988	1998482	1998476	1998477	1998496	1998496
	Sample Date	08/06/2001	08/06/2001	08/01/2001	08/02/2001	08/02/2001	08/02/2001	08/02/2001
	Sample Time	14:30	14:10	10:45	09:45	10:15	13:00	13:00
	Sample Depth	15.00' - 18.0	12.6' - 15.6'	12' - 15'	19' - 22'	12' - 18'	18' - 21'	18' - 21'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H080223006	A1H080223002	A1H020176035	A1H030191007	A1H030191009	A1H030191001	A1H030191002
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft	14.00	11.6	20.5			12.5	12.5
Water Elevation	Ft							
Date Metals Analyzed	-	08/17/2001		08/03/2001	08/10/2001	08/10/2001	08/10/2001	08/10/2001
Date Organics Analyzed	-		08/14/2001					
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-						08/20/2001	
Arsenic	mg/L						0.0110	
Arsenic (unfiltered)	mg/L			0.0089	0.0059	0.0067		0.0253
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L					0.0206		
Chromium, Total (unfiltered)	mg/L							0.136
Copper	mg/L							
Copper (unfiltered)	mg/L			0.0626				0.0880
Lead (unfiltered)	mg/L	0.0227		0.0751		0.0543		0.303
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l						1.5 J	
Benzo(g,h,i)perylene	ug/l						1.1 J	
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethylene	ug/l		400					

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-35D	WT-GW-35S	WT-GW-37S	WT-GW-38D	WT-GW-38S	WT-GW-39D	WT-GW-39D
	Sample ID	2000987	2000988	1998482	1998476	1998477	1998496	1998496
	Sample Date	08/06/2001	08/06/2001	08/01/2001	08/02/2001	08/02/2001	08/02/2001	08/02/2001
	Sample Time	14:30	14:10	10:45	09:45	10:15	13:00	13:00
	Sample Depth	15.00' - 18.0	12.6' - 15.6'	12' - 15'	19' - 22'	12' - 18'	18' - 21'	18' - 21'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H080223006	A1H080223002	A1H020176035	A1H030191007	A1H030191009	A1H030191001	A1H030191002
Constituent	Units							
cis-1,2-Dichloroethylene	ug/l							

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-40D	WT-GW-40S	WT-GW-40S	WT-GW-41D	WT-GW-41S	WT-GW-43S	WT-MW-20I
	Sample ID	2000986	2000989	2000989	2000990	2000991	2010157	1992857
	Sample Date	08/07/2001	08/07/2001	08/07/2001	08/08/2001	08/08/2001	12/12/2001	04/10/2001
	Sample Time	14:20	15:00	15:00	12:20	12:50	14:00	13:35
	Sample Depth	14' - 18'	10' - 14'	10' - 14'	14' - 18'	10' - 14'	16' - 19'	31.00' - 34.0
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H080236002	A1H080236003	A1H080236004	A1H090276012	A1H090289004	A1L130227017	A1D110171050
Constituent	Units							
Depth of Well	Ft							33.00
Depth To Water	Ft							9.67
Water Elevation	Ft							27.28
Date Metals Analyzed	-	08/11/2001	08/11/2001	08/11/2001				
Date Organics Analyzed	-		08/14/2001		08/15/2001	08/15/2001		04/17/2001
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-						12/21/2001	
Arsenic	mg/L		0.0043					
Arsenic (unfiltered)	mg/L	0.0152						
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L	0.0586		0.0279				
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l						1.9 J	
Benzo(g,h,i)perylene	ug/l						1.1 J	
Naphthalene	ug/L						110 E	
Pentachlorophenol	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethylene	ug/l		130		850	680		

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-40D	WT-GW-40S	WT-GW-40S	WT-GW-41D	WT-GW-41S	WT-GW-43S	WT-MW-20I
	Sample ID	2000986	2000989	2000989	2000990	2000991	2010157	1992857
	Sample Date	08/07/2001	08/07/2001	08/07/2001	08/08/2001	08/08/2001	12/12/2001	04/10/2001
	Sample Time	14:20	15:00	15:00	12:20	12:50	14:00	13:35
	Sample Depth	14' - 18'	10' - 14'	10' - 14'	14' - 18'	10' - 14'	16' - 19'	31.00' - 34.0
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H080236002	A1H080236003	A1H080236004	A1H090276012	A1H090289004	A1L130227017	A1D110171050
Constituent	Units							
cis-1,2-Dichloroethylene	ug/l							72

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-20S	WT-MW-20S	WT-MW-22I	WT-MW-22I	WT-MW-24I	WT-MW-24I	WT-MW-24S
	Sample ID	1992856	1992856	1992858	1992858	1992882	1992882	1992881
	Sample Date	04/10/2001	04/10/2001	04/10/2001	04/10/2001	04/11/2001	04/11/2001	04/11/2001
	Sample Time	13:18	13:18	14:45	14:45	12:30	12:30	12:30
	Sample Depth	7.00' - 16.00	7.00' - 16.00	28.00' - 31.0	28.00' - 31.0	22.00' - 25.0	22.00' - 25.0	9.60' - 18.60
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1D110171048	A1D110171049	A1D110171052	A1D110171053	A1D120189022	A1D120189023	A1D120189020
Constituent	Units							
Depth of Well	Ft	15.63	15.63	30.25	30.25	23.93	23.93	18.50
Depth To Water	Ft	9.63	9.63	9.20	9.20	12.52	12.52	12.35
Water Elevation	Ft	27.13	27.13	28.59	28.59	25.75	25.75	25.74
Date Metals Analyzed	-	04/20/2001	04/20/2001		04/20/2001	04/22/2001	04/22/2001	04/22/2001
Date Organics Analyzed	-			04/17/2001		04/18/2001		
Date Physical Analyzed	-					04/17/2001		
Date Semivolatile Organics Analyzed	-					04/19/2001		
Arsenic	mg/L					0.0177		
Arsenic (unfiltered)	mg/L				0.0042		0.0161	
Cadmium	mg/L	0.0127						
Cadmium (unfiltered)	mg/L		0.0128					
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L					0.439		0.0652
Copper (unfiltered)	mg/L						0.428	
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L					1.46		
Nickel (unfiltered)	mg/L						1.42	
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							
Cyanide (Total)	mg/L					0.12		
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l					41		
Acenaphthene	ug/l							
1,1-Dichloroethylene	ug/l							

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-20S	WT-MW-20S	WT-MW-22I	WT-MW-22I	WT-MW-24I	WT-MW-24I	WT-MW-24S
	Sample ID	1992856	1992856	1992858	1992858	1992882	1992882	1992881
	Sample Date	04/10/2001	04/10/2001	04/10/2001	04/10/2001	04/11/2001	04/11/2001	04/11/2001
	Sample Time	13:18	13:18	14:45	14:45	12:30	12:30	12:30
	Sample Depth	7.00' - 16.00	7.00' - 16.00	28.00' - 31.0	28.00' - 31.0	22.00' - 25.0	22.00' - 25.0	9.60' - 18.60
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1D110171048	A1D110171049	A1D110171052	A1D110171053	A1D120189022	A1D120189023	A1D120189020
Constituent	Units							
cis-1,2-Dichloroethylene	ug/l			980		350		

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-24S	WT-MW-25I	WT-MW-25I	WT-MW-25S	WT-MW-25S	WT-MW-29D	WT-MW-29S
	Sample ID	1992881	1992879	1992879	1992880	1992880	1998513	1998512
	Sample Date	04/11/2001	04/11/2001	04/11/2001	04/11/2001	04/11/2001	08/14/2001	08/14/2001
	Sample Time	12:30	11:05	11:05	11:55	11:55	11:05	11:30
	Sample Depth	9.60' - 18.60	22.00' - 25.0	22.00' - 25.0	6.50' - 15.50	6.50' - 15.50	13.50' - 16.5	1.50' - 10.50
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	AID120189021	AID120189016	AID120189017	AID120189018	AID120189019	AIH150222005	AIH150222003
Constituent	Units							
Depth of Well	Ft	18.50	23.98	23.98	14.45	14.45	16.16	10.05
Depth To Water	Ft	12.35	10.95	10.95	10.51	10.51	4.60	4.43
Water Elevation	Ft	25.74	25.73	25.73	26.65	26.65	26.82	26.79
Date Metals Analyzed	-	04/22/2001	04/22/2001	04/22/2001	04/22/2001	04/22/2001	08/17/2001	08/17/2001
Date Organics Analyzed	-		04/18/2001					
Date Physical Analyzed	-		04/17/2001					
Date Semivolatile Organics Analyzed	-		04/19/2001					
Arsenic	mg/L		0.0204		0.0050			
Arsenic (unfiltered)	mg/L			0.0209		0.0048	0.0046	0.0049
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L		1.25					
Copper (unfiltered)	mg/L	0.0737		1.23				
Lead (unfiltered)	mg/L						0.0126	0.0209
Mercury (unfiltered)	mg/L			0.0017				
Nickel	mg/L		2.68					
Nickel (unfiltered)	mg/L			2.58				
Silver (unfiltered)	mg/L			0.0143				
Zinc (unfiltered)	mg/L							
Cyanide (Total)	mg/L		0.17					
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l		39					
Acenaphthene	ug/l							
1,1-Dichloroethylene	ug/l							

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-24S	WT-MW-25I	WT-MW-25I	WT-MW-25S	WT-MW-25S	WT-MW-29D	WT-MW-29S
	Sample ID	1992881	1992879	1992879	1992880	1992880	1998513	1998512
	Sample Date	04/11/2001	04/11/2001	04/11/2001	04/11/2001	04/11/2001	08/14/2001	08/14/2001
	Sample Time	12:30	11:05	11:05	11:55	11:55	11:05	11:30
	Sample Depth	9.60' - 18.60	22.00' - 25.0	22.00' - 25.0	6.50' - 15.50	6.50' - 15.50	13.50' - 16.5	1.50' - 10.50
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1D120189021	A1D120189016	A1D120189017	A1D120189018	A1D120189019	A1H150222005	A1H150222003
Constituent	Units							
cis-1,2-Dichloroethylene	ug/l		450					

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-33D	WT-MW-33S	WT-MW-34D	WT-MW-34D	WT-MW-34S	WT-MW-34S	WT-MW-36D
	Sample ID	1998525	1998524	1992865	1998521	1992866	1998522	2000997
	Sample Date	08/15/2001	08/15/2001	04/10/2001	08/15/2001	04/10/2001	08/15/2001	08/15/2001
	Sample Time	10:55	10:41	10:05	09:35	10:15	09:30	01:53
	Sample Depth	15.50' - 18.5	7.00' - 16.00	15.50' - 18.5	15.50' - 18.5	7.00' - 16.00	7.00' - 16.00	32.3' - 35.3'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H160236008	A1H160236006	A1D110171028	A1H160230003	A1D110171030	A1H160230001	A1H160236002
Constituent	Units							
Depth of Well	Ft	17.92	14.95	18.09	18.15	15.04	15.30	34.52
Depth To Water	Ft	11.39	10.30	10.42	10.85	10.25	10.65	12.26
Water Elevation	Ft	20.01	21.04	23.16	22.73	23.33	22.93	23.65
Date Metals Analyzed	-							
Date Organics Analyzed	-			04/13/2001	08/21/2001	04/13/2001	08/21/2001	
Date Physical Analyzed	-							08/23/2001
Date Semivolatile Organics Analyzed	-	08/27/2001	08/27/2001					
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L							
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							
Cyanide (Total)	mg/L							0.058
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
Acenaphthene	ug/l	13	27					
1,1-Dichloroethylene	ug/l			270	700	150	210	

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-33D	WT-MW-33S	WT-MW-34D	WT-MW-34D	WT-MW-34S	WT-MW-34S	WT-MW-36D
	Sample ID	1998525	1998524	1992865	1998521	1992866	1998522	2000997
	Sample Date	08/15/2001	08/15/2001	04/10/2001	08/15/2001	04/10/2001	08/15/2001	08/15/2001
	Sample Time	10:55	10:41	10:05	09:35	10:15	09:30	01:53
	Sample Depth	15.50' - 18.5	7.00' - 16.00	15.50' - 18.5	15.50' - 18.5	7.00' - 16.00	7.00' - 16.00	32.3' - 35.3'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H160236008	A1H160236006	A1D110171028	A1H160230003	A1D110171030	A1H160230001	A1H160236002
Constituent	Units							
cis-1,2-Dichloroethylene	ug/l							

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-36D	WT-MW-38D	WT-MW-38D	WT-MW-38S	WT-MW-39	WT-MW-40	WT-MW-43
	Sample ID	2000997	1998515	1998515	1998514	1998519	2215739	2215736
	Sample Date	08/15/2001	08/14/2001	08/14/2001	08/14/2001	08/14/2001	03/28/2003	03/28/2003
	Sample Time	01:53	13:30	13:30	13:35	14:21	13:40	11:45
	Sample Depth	32.3' - 35.3'	17.50' - 20.5	17.50' - 20.5	8.00' - 17.00	9.00' - 18.00	10.00' - 19.0	3.00' - 12.00
	Laboratory	STLC	STLC	STLC	STLC	STLC	ACTM	ACTM
	Lab. Number	A1H160236004	A1H150229008	A1H150229009	A1H150229007	A1H150229012	M31082-1	M31082-16
Constituent	Units							
Depth of Well	Ft	34.52	20.38	20.38	16.52	17.56	18.61	11.89
Depth To Water	Ft	12.26	12.03	12.03	11.61	13.25	10.99	6.86
Water Elevation	Ft	23.65	20.65	20.65	20.97	20.94	21.11	24.28
Date Metals Analyzed	-	08/26/2001		08/26/2001	08/26/2001	08/26/2001		
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-		08/29/2001					
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0378		0.0567		0.0138		0.0149
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total (unfiltered)	mg/L	0.366		0.564				
Copper	mg/L							
Copper (unfiltered)	mg/L	0.211		0.317		0.408		
Lead (unfiltered)	mg/L	0.0660		0.923	0.0158	0.129		
Mercury (unfiltered)	mg/L			0.0037				
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L			2.59				
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l		4.8 J					
Benzo(a)pyrene	ug/l		3.7 J					
Benzo(g,h,i)perylene	ug/l		2.6 J					
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethylene	ug/l							

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-36D	WT-MW-38D	WT-MW-38D	WT-MW-38S	WT-MW-39	WT-MW-40	WT-MW-43
	Sample ID	2000997	1998515	1998515	1998514	1998519	2215739	2215736
	Sample Date	08/15/2001	08/14/2001	08/14/2001	08/14/2001	08/14/2001	03/28/2003	03/28/2003
	Sample Time	01:53	13:30	13:30	13:35	14:21	13:40	11:45
	Sample Depth	32.3' - 35.3'	17.50' - 20.5	17.50' - 20.5	8.00' - 17.00	9.00' - 18.00	10.00' - 19.0	3.00' - 12.00
	Laboratory	STLC	STLC	STLC	STLC	STLC	ACTM	ACTM
	Lab. Number	A1H160236004	A1H150229008	A1H150229009	A1H150229007	A1H150229012	M31082-1	M31082-16
Constituent	Units							
cis-1,2-Dichloroethylene	ug/l						61.5	

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45
	Sample ID	2112615	2213472	2215732	1001077	1031836	1038372	1038387
	Sample Date	09/23/2002	12/23/2002	03/28/2003	06/30/2003	09/03/2003	12/03/2003	12/03/2003
	Sample Time	14:30	10:30	09:50	10:45	11:00	12:15	12:15
	Sample Depth	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M27878-7	M29531-4A	M31082-8	M32928-14	M34194-2	M36162-6	M36162-29
Constituent	Units							
Depth of Well	Ft	13.66	13.6	13.69	14.44	13.67	14.04	14.04
Depth To Water	Ft	8.26	7.42	7.26	7.78	7.45	8.23	8.23
Water Elevation	Ft	27.46	28.30	28.46	27.94	28.27	27.49	27.49
Date Metals Analyzed	-	10/02/2002	12/30/2002			09/09/2003	12/10/2003	12/10/2003
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0050	0.0128	0.0152	0.0199	0.0170	0.0210	0.0221
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethylene	ug/l							

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45	WT-MW-45
	Sample ID	2112615	2213472	2215732	1001077	1031836	1038372	1038387
	Sample Date	09/23/2002	12/23/2002	03/28/2003	06/30/2003	09/03/2003	12/03/2003	12/03/2003
	Sample Time	14:30	10:30	09:50	10:45	11:00	12:15	12:15
	Sample Depth	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50	2.50' - 11.50
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M27878-7	M29531-4A	M31082-8	M32928-14	M34194-2	M36162-6	M36162-29
Constituent	Units							
cis-1,2-Dichloroethylene	ug/l							

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-48	WT-MW-48	WT-MW-48	WT-MW-48	WT-MW-48	WT-MW-49	WT-MW-49
	Sample ID	2213471	2215730	1001076	1031837	1038377	2213482	1001078
	Sample Date	12/23/2002	03/28/2003	06/30/2003	09/03/2003	12/03/2003	12/23/2002	06/30/2003
	Sample Time	09:45	09:50	09:45	10:20	13:45	11:20	11:30
	Sample Depth	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M29531-1A	M31082-6	M32928-12	M34194-3	M36162-16	M29531-13A	M32928-16
Constituent	Units							
Depth of Well	Ft	7.55	7.53	8.35	7.60	7.95	9.84	8.00
Depth To Water	Ft	2.59	2.59	3.3	3.29	3.64	1.25	1.96
Water Elevation	Ft	27.29	27.29	26.58	26.59	26.24	27.49	26.78
Date Metals Analyzed	-	12/30/2002			09/09/2003	12/10/2003	12/30/2002	
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0041	0.0071	0.0059	0.0094	0.0095	0.0047	0.0076
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethylene	ug/l							

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER
MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-48	WT-MW-48	WT-MW-48	WT-MW-48	WT-MW-48	WT-MW-49	WT-MW-49
	Sample ID	2213471	2215730	1001076	1031837	1038377	2213482	1001078
	Sample Date	12/23/2002	03/28/2003	06/30/2003	09/03/2003	12/03/2003	12/23/2002	06/30/2003
	Sample Time	09:45	09:50	09:45	10:20	13:45	11:20	11:30
	Sample Depth	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'	0.00'
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M29531-1A	M31082-6	M32928-12	M34194-3	M36162-16	M29531-13A	M32928-16
Constituent	Units							
cis-1,2-Dichloroethylene	ug/l							

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-49	WT-MW-49	WT-MW-50	WT-MW-50	WT-MW-50	WT-MW-50	WT-MW-50
	Sample ID	1031839	1038375	2213475	2215738	1001089	1031844	1038373
	Sample Date	09/03/2003	12/03/2003	12/23/2002	03/28/2003	06/30/2003	09/03/2003	12/03/2003
	Sample Time	12:00	13:05	14:00	12:20	13:30	14:35	14:40
	Sample Depth	0.00'	0.00'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M34194-5	M36162-12	M29531-3A	M31082-20	M32928-26	M34194-10	M36162-8
Constituent	Units							
Depth of Well	Ft	8.25	7.77	5.16	5.21	5.49	5.18	5.66
Depth To Water	Ft	2.44	2.30	3.25	3.28	3.66	2.85	3.75
Water Elevation	Ft	26.30	26.44	20.27	20.24	19.86	20.67	19.77
Date Metals Analyzed	-	09/09/2003	12/10/2003	12/30/2002			09/09/2003	12/10/2003
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0101	0.0124	0.0154	0.0162	0.0246	0.0158	0.0147
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L			0.0128				
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Silver (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L							
Cyanide (Total)	mg/L							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(g,h,i)perylene	ug/l							
Naphthalene	ug/L							
Pentachlorophenol	ug/l							
Acenaphthene	ug/l							
1,1-Dichloroethylene	ug/l							

Table 31
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-7 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001-DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-49	WT-MW-49	WT-MW-50	WT-MW-50	WT-MW-50	WT-MW-50	WT-MW-50
	Sample ID	1031839	1038375	2213475	2215738	1001089	1031844	1038373
	Sample Date	09/03/2003	12/03/2003	12/23/2002	03/28/2003	06/30/2003	09/03/2003	12/03/2003
	Sample Time	12:00	13:05	14:00	12:20	13:30	14:35	14:40
	Sample Depth	0.00'	0.00'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M34194-5	M36162-12	M29531-3A	M31082-20	M32928-26	M34194-10	M36162-8
Constituent	Units							
cis-1,2-Dichloroethylene	ug/l							

Table 32
SUMMARY OF CONSTITUENTS EXCEEDING MCLS X 10 IN GROUNDWATER MAIN FACILITY AREA JAN. 2001 - DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-31D	WT-GW-31D	WT-GW-33S	WT-GW-33S	WT-GW-33S	WT-GW-35D	WT-GW-35D
	Sample ID	2000982	2000982	2000985	2000985	2000985	2000987	2000987
	Sample Date	08/03/2001	08/03/2001	08/03/2001	08/03/2001	08/03/2001	08/06/2001	08/06/2001
	Sample Time	13:00	13:00	14:45	14:45	14:45	14:30	14:30
	Sample Depth	14' - 18'	14' - 18'	10' - 13'	10' - 13'	10' - 13'	15.00' - 18.0	15.00' - 18.0
	Laboratory	LEA	STLC	LEA	LEA	STLC	LEA	STLC
	Lab. Number	197-0382	A1H080137007	35052-0582	35052-0583	A1H060128017	197-0391	A1H080223005
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft						14.00	14.00
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-	08/06/2001	08/14/2001	08/06/2001	08/06/2001	08/11/2001	08/07/2001	08/14/2001
Date Semivolatile Organics Analyzed	-							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Benzo(a)anthracene	ug/l							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(k)fluoranthene	ug/l							
Chrysene	ug/l							
Pentachlorophenol	ug/l							
1,1-Dichloroethylene	ug/l					81		140 J
cis-1,2-Dichloroethylene	ug/l							
Vinyl Chloride	ug/l							
Tetrachloroethylene (PCE) (screening)	ug/L							
Trichloroethylene (TCE)	ug/l		110			160		270
Trichloroethylene (TCE) (screening)	ug/L	100 E		163 E	166 E		160 E	
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Table 32
SUMMARY OF CONSTITUENTS EXCEEDING MCLS X 10 IN GROUNDWATER MAIN FACILITY AREA JAN. 2001 - DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-35S	WT-GW-35S	WT-GW-39D	WT-GW-40S	WT-GW-40S	WT-GW-41D	WT-GW-41D
	Sample ID	2000988	2000988	1998496	2000989	2000989	2000990	2000990
	Sample Date	08/06/2001	08/06/2001	08/02/2001	08/07/2001	08/07/2001	08/08/2001	08/08/2001
	Sample Time	14:10	14:10	13:00	15:00	15:00	12:20	12:20
	Sample Depth	12.6' - 15.6'	12.6' - 15.6'	18' - 21'	10' - 14'	10' - 14'	14' - 18'	14' - 18'
	Laboratory	LEA	STLC	STLC	LEA	STLC	LEA	STLC
	Lab. Number	197-0393	A1H080223002	A1H030191001	35052-0591	A1H080236003	35052-0613	A1H090276012
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft	11.6	11.6	12.5				
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-	08/07/2001	08/14/2001		08/08/2001	08/14/2001	08/09/2001	08/15/2001
Date Semivolatile Organics Analyzed	-			08/20/2001				
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Benzo(a)anthracene	ug/l			1.2 J				
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(k)fluoranthene	ug/l							
Chrysene	ug/l							
Pentachlorophenol	ug/l							
1,1-Dichloroethylene	ug/l		400			130		850
cis-1,2-Dichloroethylene	ug/l							
Vinyl Chloride	ug/l							
Tetrachloroethylene (PCE) (screening)	ug/L							
Trichloroethylene (TCE)	ug/l		610			260		1300
Trichloroethylene (TCE) (screening)	ug/L	170 E			241 E		452 E	

Table 32
SUMMARY OF CONSTITUENTS EXCEEDING MCLS X 10 IN GROUNDWATER MAIN FACILITY AREA JAN. 2001 - DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-41S	WT-GW-41S	WT-GW-42	WT-GW-42	WT-GW-42	WT-GW-42	WT-GW-42
	Sample ID	2000991	2000991	2000923	2000924	2000925	2000926	2000927
	Sample Date	08/08/2001	08/08/2001	08/07/2001	08/07/2001	08/07/2001	08/07/2001	08/07/2001
	Sample Time	12:50	12:50	09:25	09:40	09:50	09:55	10:14
	Sample Depth	10' - 14'	10' - 14'	11' - 12'	12' - 13'	13' - 14'	14' - 15'	15' - 16'
	Laboratory	LEA	STLC	LEA	LEA	LEA	LEA	LEA
	Lab. Number	35052-0614	A1H090289004	35052-0592	35052-0593	35052-0594	35052-0595	35052-0596
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Metals Analyzed	-							
Date Organics Analyzed	-	08/09/2001	08/15/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001
Date Semivolatile Organics Analyzed	-							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Benzo(a)anthracene	ug/l							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(k)fluoranthene	ug/l							
Chrysene	ug/l							
Pentachlorophenol	ug/l							
1,1-Dichloroethylene	ug/l		680					
cis-1,2-Dichloroethylene	ug/l							
Vinyl Chloride	ug/l							
Tetrachloroethylene (PCE) (screening)	ug/L							53
Trichloroethylene (TCE)	ug/l		1100					
Trichloroethylene (TCE) (screening)	ug/L	460 E		343 E	444 E	332 E	184 E	515 E

Table 32
SUMMARY OF CONSTITUENTS EXCEEDING MCLS X 10 IN GROUNDWATER MAIN FACILITY AREA JAN. 2001 - DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-42	WT-GW-42	WT-GW-42	WT-GW-43S	WT-MW-22I	WT-MW-24I	WT-MW-24I
	Sample ID	2000928	2000929	2000930	2010157	1992858	1992882	1992882
	Sample Date	08/07/2001	08/07/2001	08/07/2001	12/12/2001	04/10/2001	04/11/2001	04/11/2001
	Sample Time	10:19	10:35	10:55	14:00	14:45	12:30	12:30
	Sample Depth	16' - 17'	17' - 18'	18' - 19'	16' - 19'	28.00' - 31.0	22.00' - 25.0	22.00' - 25.0
	Laboratory	LEA	LEA	LEA	STLC	STLC	STLC	STLC
	Lab. Number	35052-0597	35052-0598	35052-0599	A1L130227017	A1D110171052	A1D120189022	A1D120189023
Constituent	Units							
Depth of Well	Ft					30.25	23.93	23.93
Depth To Water	Ft					9.20	12.52	12.52
Water Elevation	Ft					28.59	25.75	25.75
Date Metals Analyzed	-						04/22/2001	04/22/2001
Date Organics Analyzed	-	08/08/2001	08/08/2001	08/08/2001		04/17/2001	04/18/2001	
Date Semivolatile Organics Analyzed	-				12/21/2001		04/19/2001	
Nickel	mg/L						1.46	
Nickel (unfiltered)	mg/L							1.42
Benzo(a)anthracene	ug/l				2.4 J			
Benzo(b)fluoranthene	ug/l				3.0 J			
Benzo(a)pyrene	ug/l				2.1 J			
Benzo(k)fluoranthene	ug/l							
Chrysene	ug/l				2.4 J			
Pentachlorophenol	ug/l						41	
1,1-Dichloroethylene	ug/l							
cis-1,2-Dichloroethylene	ug/l					980		
Vinyl Chloride	ug/l					2100	22 J	
Tetrachloroethylene (PCE) (screening)	ug/L							
Trichloroethylene (TCE)	ug/l						290	
Trichloroethylene (TCE) (screening)	ug/L	532 E	317 E	50.4				
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Table 32
SUMMARY OF CONSTITUENTS EXCEEDING MCLS X 10 IN GROUNDWATER MAIN FACILITY AREA JAN. 2001 - DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-25I	WT-MW-25I	WT-MW-32D	WT-MW-32D	WT-MW-32S	WT-MW-32S	WT-MW-34D
	Sample ID	1992879	1992879	1992870	2000993	1992869	2000992	1992865
	Sample Date	04/11/2001	04/11/2001	04/10/2001	08/15/2001	04/10/2001	08/15/2001	04/10/2001
	Sample Time	11:05	11:05	12:40	11:40	12:20	11:30	10:05
	Sample Depth	22.00' - 25.0	22.00' - 25.0	17.5' - 20.5'	17.50' - 20.5	7.0' - 16.0'	7.00' - 16.00	15.50' - 18.5
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1D120189016	A1D120189017	A1D110171038	A1H160236013	A1D110171036	A1H160236011	A1D110171028
Constituent	Units							
Depth of Well	Ft	23.98	23.98	19.75	19.94	15.43	15.52	18.09
Depth To Water	Ft	10.95	10.95	10.80	11.32	10.55	11.00	10.42
Water Elevation	Ft	25.73	25.73	22.23	21.71	22.48	22.03	23.16
Date Metals Analyzed	-	04/22/2001	04/22/2001					
Date Organics Analyzed	-	04/18/2001		04/13/2001	08/21/2001	04/13/2001	08/21/2001	04/13/2001
Date Semivolatile Organics Analyzed	-	04/19/2001						
Nickel	mg/L	2.68						
Nickel (unfiltered)	mg/L		2.58					
Benzo(a)anthracene	ug/l							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(k)fluoranthene	ug/l							
Chrysene	ug/l							
Pentachlorophenol	ug/l	39						
1,1-Dichloroethylene	ug/l							270
cis-1,2-Dichloroethylene	ug/l							
Vinyl Chloride	ug/l	67						
Tetrachloroethylene (PCE) (screening)	ug/L							
Trichloroethylene (TCE)	ug/l	260		460	530	480	620	410
Trichloroethylene (TCE) (screening)	ug/L							

Table 32
SUMMARY OF CONSTITUENTS EXCEEDING MCLS X 10 IN GROUNDWATER MAIN FACILITY AREA JAN. 2001 - DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-34D	WT-MW-34S	WT-MW-34S	WT-MW-38D	WT-MW-40	WT-MW-40	WT-MW-40
	Sample ID	1998521	1992866	1998522	1998515	1001088	1031845	1031847
	Sample Date	08/15/2001	04/10/2001	08/15/2001	08/14/2001	06/30/2003	09/03/2003	09/03/2003
	Sample Time	09:35	10:15	09:30	13:30	15:05	15:15	15:15
	Sample Depth	15.50' - 18.5	7.00' - 16.00	7.00' - 16.00	17.50' - 20.5	10.00' - 19.0	10.00' - 19.0	10.00' - 19.0
	Laboratory	STLC	STLC	STLC	STLC	ACTM	ACTM	ACTM
	Lab. Number	A1H160230003	A1D110171030	A1H160230001	A1H150229008	M32928-24	M34194-11	M34194-13
Constituent	Units							
Depth of Well	Ft	18.15	15.04	15.30	20.38	19.44	18.89	18.89
Depth To Water	Ft	10.85	10.25	10.65	12.03	10.65	10.12	10.12
Water Elevation	Ft	22.73	23.33	22.93	20.65	21.45	21.98	21.98
Date Metals Analyzed	-							
Date Organics Analyzed	-	08/21/2001	04/13/2001	08/21/2001			09/10/2003	09/10/2003
Date Semivolatile Organics Analyzed	-				08/29/2001			
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Benzo(a)anthracene	ug/l				4.2 J			
Benzo(b)fluoranthene	ug/l				4.8 J			
Benzo(a)pyrene	ug/l				3.7 J			
Benzo(k)fluoranthene	ug/l				2.3 J			
Chrysene	ug/l				4.5 J			
Pentachlorophenol	ug/l							
1,1-Dichloroethylene	ug/l	700	150	210				
cis-1,2-Dichloroethylene	ug/l							
Vinyl Chloride	ug/l					27.8	25.5	25.6
Tetrachloroethylene (PCE) (screening)	ug/L							
Trichloroethylene (TCE)	ug/l	1200	320	480				
Trichloroethylene (TCE) (screening)	ug/L							
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Table 32
SUMMARY OF CONSTITUENTS EXCEEDING MCLS X 10 IN GROUNDWATER MAIN FACILITY AREA JAN. 2001 - DEC. 2003 UPGRADIENT GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-40	WT-MW-50	WT-MW-50	WT-MW-50			
	Sample ID	1038371	2215738	1001089	1031844			
	Sample Date	12/03/2003	03/28/2003	06/30/2003	09/03/2003			
	Sample Time	10:25	12:20	13:30	14:35			
	Sample Depth	10.00' - 19.0	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'			
	Laboratory	ACTM	ACTM	ACTM	ACTM			
	Lab. Number	M36162-3	M31082-19	M32928-25	M34194-10			
Constituent	Units							
Depth of Well	Ft	19.11	5.21	5.49	5.18			
Depth To Water	Ft	12.37	3.28	3.66	2.85			
Water Elevation	Ft	19.73	20.24	19.86	20.67			
Date Metals Analyzed	-							
Date Organics Analyzed	-	12/09/2003			09/10/2003			
Date Semivolatile Organics Analyzed	-							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Benzo(a)anthracene	ug/l							
Benzo(b)fluoranthene	ug/l							
Benzo(a)pyrene	ug/l							
Benzo(k)fluoranthene	ug/l							
Chrysene	ug/l							
Pentachlorophenol	ug/l							
1,1-Dichloroethylene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Vinyl Chloride	ug/l	28.4						
Tetrachloroethylene (PCE) (screening)	ug/L							
Trichloroethylene (TCE)	ug/l		56.6	59.5	71.9			
Trichloroethylene (TCE) (screening)	ug/L							
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Table 33
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001 - DEC. 2003 BOUNDARY GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-31D	WT-GW-31S	WT-GW-32S	WT-GW-32S	WT-GW-33D	WT-GW-33S	WT-GW-34S
	Sample ID	2000982	2000983	1998475	2000942	2000984	2000985	1998459
	Sample Date	08/03/2001	08/03/2001	08/01/2001	08/07/2001	08/03/2001	08/03/2001	07/31/2001
	Sample Time	13:00	13:40	09:35	13:35	14:05	14:45	08:45
	Sample Depth	14' - 18'	10' - 14'	11' - 14'	10' - 14'	14' - 18'	10' - 13'	11' - 14'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1H080137007	A1H080137009	A1H020176005	A1H080236005	A1H060128015	A1H060128017	A1H010261006
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft			12.5				12.25
Water Elevation	Ft							
Date Organics Analyzed	-	08/14/2001	08/14/2001	08/08/2001	08/14/2001	08/11/2001	08/11/2001	08/06/2001
1,1-Dichloroethylene	ug/l	52	21	36	31	30	81	64
Vinyl Chloride	ug/l				20	3.2		
Trichloroethylene (TCE)	ug/l							
Trichloroethylene (TCE) (screening)	ug/L							

Table 33
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001 - DEC. 2003 BOUNDARY GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-35D	WT-GW-35S	WT-GW-36S	WT-GW-39S	WT-GW-39S	WT-GW-40D	WT-GW-40S
	Sample ID	2000987	2000988	1998464	1998497	2000944	2000986	2000989
	Sample Date	08/06/2001	08/06/2001	07/31/2001	08/02/2001	08/07/2001	08/07/2001	08/07/2001
	Sample Time	14:30	14:10	13:45	13:30	15:30	14:20	15:00
	Sample Depth	15.00' - 18.0	12.6' - 15.6'	11' - 14'	13' - 16'	12' - 16'	14' - 18'	10' - 14'
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	LEA
	Lab. Number	A1H080223005	A1H080223002	A1H010261003	A1H030191003	A1H080236007	A1H080236001	35052-0591
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft	14.00	11.6	12				
Water Elevation	Ft							
Date Organics Analyzed	-	08/14/2001	08/14/2001	08/06/2001	08/10/2001	08/14/2001	08/14/2001	08/08/2001
1,1-Dichloroethylene	ug/l	140 J	400	20	46	2.3	56	
Vinyl Chloride	ug/l							
Trichloroethylene (TCE)	ug/l	270	610					
Trichloroethylene (TCE) (screening)	ug/L							241 E

Table 33
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001 - DEC. 2003 BOUNDARY GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-40S	WT-GW-41D	WT-GW-41D	WT-GW-41S	WT-GW-41S	WT-GW-42	WT-GW-42
	Sample ID	2000989	2000990	2000990	2000991	2000991	2000923	2000924
	Sample Date	08/07/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/07/2001	08/07/2001
	Sample Time	15:00	12:20	12:20	12:50	12:50	09:25	09:40
	Sample Depth	10' - 14'	14' - 18'	14' - 18'	10' - 14'	10' - 14'	11' - 12'	12' - 13'
	Laboratory	STLC	LEA	STLC	LEA	STLC	LEA	LEA
	Lab. Number	A1H080236003	35052-0613	A1H090276012	35052-0614	A1H090289004	35052-0592	35052-0593
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft							
Water Elevation	Ft							
Date Organics Analyzed	-	08/14/2001	08/09/2001	08/15/2001	08/09/2001	08/15/2001	08/08/2001	08/08/2001
1,1-Dichloroethylene	ug/l	130		850		680		
Vinyl Chloride	ug/l							
Trichloroethylene (TCE)	ug/l	260		1300		1100		
Trichloroethylene (TCE) (screening)	ug/L		452 E		460 E		343 E	444 E

Table 33
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001 - DEC. 2003 BOUNDARY GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-42	WT-GW-42	WT-GW-42	WT-GW-42	WT-GW-43S	WT-GW-44D	WT-GW-44D
	Sample ID	2000925	2000927	2000928	2000929	2010157	2010173	2010174
	Sample Date	08/07/2001	08/07/2001	08/07/2001	08/07/2001	12/12/2001	12/21/2001	12/21/2001
	Sample Time	09:50	10:14	10:19	10:35	14:00	11:00	11:00
	Sample Depth	13' - 14'	15' - 16'	16' - 17'	17' - 18'	16' - 19'	20' - 24'	20' - 24'
	Laboratory	LEA	LEA	LEA	LEA	STLC	STLC	STLC
	Lab. Number	35052-0594	35052-0596	35052-0597	35052-0598	A1L130227017	A1L220124002	A1L220124004
Constituent	Units							
Depth of Well	Ft							
Depth To Water	Ft						14.85	14.85
Water Elevation	Ft							
Date Organics Analyzed	-	08/08/2001	08/08/2001	08/08/2001	08/08/2001	12/19/2001	12/28/2001	12/28/2001
1,1-Dichloroethylene	ug/l					36 J	73	71
Vinyl Chloride	ug/l							
Trichloroethylene (TCE)	ug/l							
Trichloroethylene (TCE) (screening)	ug/L	332 E	515 E	532 E	317 E			

Table 33
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001 - DEC. 2003 BOUNDARY GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-GW-44S	WT-GW-45D	WT-GW-45S	WT-MW-34D	WT-MW-34D	WT-MW-34S	WT-MW-34S
	Sample ID	2010158	2010168	2010167	1992865	1998521	1992866	1998522
	Sample Date	12/13/2001	12/14/2001	12/14/2001	04/10/2001	08/15/2001	04/10/2001	08/15/2001
	Sample Time	09:50	10:50	09:30	10:05	09:35	10:15	09:30
	Sample Depth		19' - 22'	16' - 19'	15.50' - 18.5	15.50' - 18.5	7.00' - 16.00	7.00' - 16.00
	Laboratory	STLC	STLC	STLC	STLC	STLC	STLC	STLC
	Lab. Number	A1L150107002	A1L150184003	A1L150184001	A1D110171028	A1H160230003	A1D110171030	A1H160230001
Constituent	Units							
Depth of Well	Ft				18.09	18.15	15.04	15.30
Depth To Water	Ft				10.42	10.85	10.25	10.65
Water Elevation	Ft				23.16	22.73	23.33	22.93
Date Organics Analyzed	-	12/21/2001	12/21/2001	12/21/2001	04/13/2001	08/21/2001	04/13/2001	08/21/2001
1,1-Dichloroethylene	ug/l	36 J	22	35	270	700	150	210
Vinyl Chloride	ug/l							
Trichloroethylene (TCE)	ug/l				410	1200	320	480
Trichloroethylene (TCE) (screening)	ug/L							

Table 33
SUMMARY OF CONSTITUENTS EXCEEDING TABLE 3-5 CRITERIA IN GROUNDWATER MAIN FACILITY AREA JAN. 2001 - DEC. 2003 BOUNDARY GROUNDWATER MONITORING LOCATIONS

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-50	WT-MW-50	WT-MW-50	WT-MW-50	WT-MW-50		
	Sample ID	2213475	2215738	1001089	1031844	1038373		
	Sample Date	12/23/2002	03/28/2003	06/30/2003	09/03/2003	12/03/2003		
	Sample Time	14:00	12:20	13:30	14:35	14:40		
	Sample Depth	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'	16.0' - 26.0'		
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM		
	Lab. Number	M29531-3	M31082-19	M32928-25	M34194-10	M36162-7		
Constituent	Units							
Depth of Well	Ft	5.16	5.21	5.49	5.18	5.66		
Depth To Water	Ft	3.25	3.28	3.66	2.85	3.75		
Water Elevation	Ft	20.27	20.24	19.86	20.67	19.77		
Date Organics Analyzed	-	12/31/2002			09/10/2003	12/09/2003		
1,1-Dichloroethylene	ug/l	3.8	6.1	8.5	2.1	8.5		
Vinyl Chloride	ug/l		2.2					
Trichloroethylene (TCE)	ug/l							
Trichloroethylene (TCE) (screening)	ug/L							

Table 34
SUMMARY OF CONSTITUENTS EXCEEDING MCLS IN SURFACE WATER
MAIN FACILITY AREA

Loureiro Engineering Associates, Inc.

	Location ID	WT-SD-06B	WT-SD-09B	WT-SD-09B	WT-SD-114-B	WT-SD-47B	WT-SW-007	WT-SW-01
	Sample ID	1838360	1838358	1838359	1838357	1838361	2003002	10013112191
	Sample Date	04/26/1999	04/26/1999	04/26/1999	04/26/1999	04/26/1999	09/11/2001	11/22/1991
	Sample Time	14:25	13:10	13:10	11:15	15:00	15:00	
	Laboratory	LANC	LANC	LANC	LANC	LANC	PREM	CEIM
	Lab. Number	3141578	3141576	3141577	3141575	3141579	E109446-1A	910652-15
Constituent	Units							
Date Organics Analyzed	-	05/09/1999	05/09/1999	05/09/1999	05/09/1999	05/09/1999		
Manganese	mg/L							
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l						0.54	
pH	SU							
1,1-Dichloroethylene	ug/l					15		
cis-1,2-Dichloroethylene	ug/l					220		
Vinyl Chloride	ug/l	3 J	3 J	3 J		11		
Tetrachloroethylene (PCE)	ug/l	15	13	13	10	42		7
Trichloroethylene (TCE)	ug/l	81	74	73	59	240		

Table 34
SUMMARY OF CONSTITUENTS EXCEEDING MCLS IN SURFACE WATER
MAIN FACILITY AREA

Loureiro Engineering Associates, Inc.

	Location ID	WT-SW-01	WT-SW-01					
	Sample ID	10013052792	10013060892					
	Sample Date	05/27/1992	06/09/1992					
	Sample Time							
	Laboratory	CEIM	CEIM					
	Lab. Number	920261-01	920291-16					
Constituent	Units							
Date Organics Analyzed	-							
Manganese	mg/L	.12						
Polychlorinated Biphenyls (PCBs) (calc.)	ug/l							
pH	SU	6.18 S U						
1,1-Dichloroethylene	ug/l							
cis-1,2-Dichloroethylene	ug/l							
Vinyl Chloride	ug/l							
Tetrachloroethylene (PCE)	ug/l		8					
Trichloroethylene (TCE)	ug/l							

Attachment 3

Pratt and Whitney East Hartford Main Facility and Airport/Klondike
400 Main Street, East Hartford, Connecticut
Facility EPA ID #CTD990672081

Relevant Sections of Main Facility Area CSM
And
Airport/Klondike CSM Report

Conceptual Site Models and Screening Levels For Pratt & Whitney's VCAP Connecticut Facilities

9/15/99

Prepared for
Pratt & Whitney
400 Main Street
East Hartford, CT

Prepared by
Gradient Corporation
44 Brattle Street
Cambridge, MA 02138

Issued: December 19, 1997
Revision 1: September 18, 1998
Revision 2: September 15, 1999

Table of Contents

Page

1 Introduction 1

2 Generic P&W Conceptual Site Model 2
- 2.1 On-Site Receptors 3
  - 2.1.1 Excavating Laborers 3
  - 2.1.2 Maintenance Workers 4
  - 2.1.3 Groundskeepers 5
  - 2.1.4 Indoor Workers 5
  - 2.1.5 Samplers 6
  - 2.1.6 Trespassers 7
  - 2.1.7 On-Site Recreators 7
- 2.2 Off-Site Receptors 8
  - 2.2.1 Off-Site Utility Repair Workers 8
  - 2.2.2 Off-Site Recreators 8
  - 2.2.3 Off-Site Residents 9
- 2.3 Existing Institutional Controls 9
  - 2.3.1 Design Process Review 9
  - 2.3.2 Security 10

3 Screening Levels for the Qualitative Risk Assessment 11
- 3.1 Introduction 11
- 3.2 Generic P&W Screening Levels 12
  - 3.2.1 Soil 13
    - 3.2.1.1 Equations for Calculating SSLs for Ingestion 13
    - 3.2.1.2 Equations for Calculating SSLs for Ingestion and Dermal Contact 15
  - 3.2.2 Trench Air 15
    - 3.2.2.1 Trench Air From Vadose Zone Sources 16
    - 3.2.2.2 Trench Air From Groundwater Sources 17
  - 3.2.3 Indoor Air 17
  - 3.2.4 Surface Water 18
    - 3.2.4.1 Screening Levels for Surface Water Data 18
    - 3.2.4.2 Screening Levels for Groundwater Data 19
  - 3.2.5 Sediment 21
  - 3.2.6 Dermal Contact with Groundwater 22
- 3.3 Receptor-Specific Screening Levels 22
  - 3.3.1 Excavating Laborers and Maintenance Workers 23
    - 3.3.1.1 Soil -- Excavating Laborers 24
    - 3.3.1.2 Soil -- Maintenance Workers 25
    - 3.3.1.3 Trench Air 26
    - 3.3.1.4 Indoor Air -- Maintenance Workers 26
    - 3.3.1.5 Groundwater -- Excavating Laborers and Maintenance Workers 26
    - 3.3.1.6 Application of Screening Levels 26
  - 3.3.2 Groundskeepers 27

3.3.2.1 Soil 27
3.3.2.2 Application of Screening Levels 29
3.3.3 Indoor Workers 29
3.3.3.1 Application of Screening Levels 29
3.3.4 Samplers 29
3.3.4.1 Soil 29
3.3.4.2 Indoor Air 30
3.3.4.3 Surface Water 31
3.3.4.4 Sediment 31
3.3.4.5 Application of Screening Levels 31
3.3.5 Trespasser 32
3.3.5.1 Soil 32
3.3.5.2 Surface Water 33
3.3.5.3 Sediment 33
3.3.5.4 Application of Screening Levels 33
3.3.6 On-Site Recreators 34
3.3.6.1 Soil 34
3.3.6.2 Application of Screening Levels 35
3.3.7 Off-Site Utility Repair Workers 35
3.3.8 Off-Site Recreators 35
3.3.8.1 Surface Water 36
3.3.8.2 Sediment 36
3.3.8.3 Fish 37
3.3.9 Off-Site Residents 37
3.3.9.1 Indoor Air 38
3.3.9.2 Application of Screening Levels 38

4 East Hartford Main Street Facility 39
4.1 Introduction 39
4.2 Facility-Specific CSM and Screening Levels 40

5 East Hartford Colt Street Facility 45
5.1 Introduction 45
5.2 Facility-Specific CSM and Screening Levels 46

6 Pent Road Facility (Willgoos) 51
6.1 Introduction 51
6.2 Facility-Specific CSM and Screening Levels 52

7 North Haven Washington Avenue Facility 57
7.1 Introduction 57
7.2 Facility-Specific CSM and Screening Levels 58

8 Rocky Hill Belamose Avenue Facility 63
8.1 Introduction 63
8.2 Facility-Specific CSM and Screening Levels 64

9 References 69

Appendix A Correspondence Related to CTDEP Draft Contained-In Policy

Appendix B Trench Air Screening Level Calculations

Appendix C Screening Level Calculations for the Dermal Pathway

Appendix D Grounds Maintenance Specifications

Appendix E Lists of Potentially Bioaccumulative Chemicals

Appendix F Letter from USEPA Dated June 22, 1999

List of Figures

Figure 1-1	VCAP Human Health Risk Assessment Process
Figure 2-1	Generic P&W Conceptual Site Model
Figure 4-1	East Hartford Main Street Facility Site Plan
Figure 4-2	East Hartford Main Street Facility Conceptual Site Model
Figure 4-3	East Hartford Main Street Facility Exposure Areas
Figure 5-1	East Hartford Colt Street Facility Site Plan
Figure 5-2	East Hartford Colt Street Facility Conceptual Site Model
Figure 5-3	East Hartford Colt Street Facility Exposure Areas
Figure 6-1	Willgoos Facility Site Plan
Figure 6-2	Willgoos Facility Conceptual Site Model
Figure 6-3	Willgoos Facility (Pent Road) Exposure Areas
Figure 7-1	North Haven Washington Avenue Facility Site Plan
Figure 7-2	North Haven Washington Avenue Facility Conceptual Site Model
Figure 7-3	North Haven Washington Avenue Facility Exposure Areas
Figure 8-1	Rocky Hill Belamose Avenue Facility Site Plan
Figure 8-2	Rocky Hill Belamose Avenue Facility Conceptual Site Model
Figure 8-3	Rocky Hill Belamose Avenue Facility Exposure Areas

List of Tables

Table 3-1	Basis for Receptor-Specific P&W Screening Levels by Exposure Medium
Table 3-2	Generic P&W Soil Screening Levels Based on Trench Air Inhalation
Table 3-3	Generic P&W Groundwater Screening Levels Based on Trench Air Inhalation
Table 3-4	Generic P&W Indoor Air Screening Levels (SLs)
Table 3-5	Generic P&W Off-Site Screening Levels (SLs) Based on Residential Indoor Air Inhalation
Table 3-6	Generic P&W Surface Water Screening Levels
Table 3-7	Generic P&W Groundwater Screening Levels (SLs) Based on Surface Water Protection
Table 3-8	Generic P&W Groundwater Screening Levels (SLs) Based on Dermal Contact
Table 3-9	Summary of Exposure Parameter Values by Receptor for Pratt and Whitney Generic Soil Screening Levels
Table 3-10	Generic P&W Soil Screening Levels (SSLs) Based on Soil Ingestion and Dermal Contact
Table 3-11	Development of DPR Threshold Soil Concentrations
Table 3-12	Development of DPR Threshold Groundwater Concentrations
Table 4-1	Summary of Facility-Specific Receptors and Comparison to Generic P&W Receptors
Table 4-2	Summary of Screening Levels and Proposed Screening Approach
Table 5-1	Summary of Facility-Specific Receptors and Comparison to Generic P&W Receptors
Table 5-2	Summary of Screening Levels and Proposed Screening Approach
Table 6-1	Summary of Facility-Specific Receptors and Comparison to Generic P&W Receptors
Table 6-2	Summary of Screening Levels and Proposed Screening Approach
Table 7-1	Summary of Facility-Specific Receptors and Comparison to Generic P&W Receptors
Table 7-2	Summary of Screening Levels and Proposed Screening Approach
Table 8-1	Summary of Facility-Specific Receptors and Comparison to Generic P&W Receptors
Table 8-2	Summary of Screening Levels and Proposed Screening Approach

List of Acronyms

ABS	Absorption Factor
AF	(Soil-to-Skin) Adherence Factor
ASTM	American Society for Testing and Materials
AT	Averaging Time
BW	Body Weight
COC	Contaminant of Concern
CSM	Conceptual Site Model
CTDEP	Connecticut Department of Environmental Protection
DOD	Department of Defense
DPR	Design Process Review
EA	Exposure Area
EAC	Exposure Area Concentration
ED	Exposure Duration
EF	Exposure Frequency
EHS	Environment, Health & Safety
FS	Fraction from Source
IR	Soil Ingestion Rate
IT	International Technology Corporation
LEA	Loureiro Engineering Associates
MOU	Memorandum of Understanding
NAPL	Non-Aqueous Phase Liquid
NPDES	National Pollutant Discharge Elimination System
OSHA	Occupational Safety and Health Administration
P&W	Pratt & Whitney
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
RfC	Reference Concentration
RfD_o	(Oral) Reference Dose
RFI	RCRA Facility Investigation
RME	Reasonable Maximum Exposure

SA	Skin Surface Available for Contact
SF_o	(Oral) Slope Factor
SSL	Soil Screening Level
THQ	Total Hazard Quotient
TR	Target Cancer Risk
UCLM	Upper Confidence Limit on the Mean (concentration)
URF	(Inhalation) Unit Risk Factor
USEPA	United States Environmental Protection Agency
VCAP	Voluntary Corrective Action Program
VOC	Volatile Organic Compound

1 Introduction

Pratt & Whitney (P&W) and United States Environmental Protection Agency (USEPA) Region I have signed a Memorandum of Understanding (MOU) that outlines the principle components of a Voluntary Corrective Action Program (VCAP) that P&W has agreed to undertake at 6 facilities in Connecticut. P&W will undertake "stabilization" at these facilities to ensure that human health risks posed by environmental contaminants under current (industrial) land use conditions are acceptable and no migration of contaminants past an agreed upon boundary will occur.

The VCAP work plan (P&W/LEA, 1996) outlined a two-step process for evaluating human health risks at each P&W facility. The first step is a Qualitative Risk Assessment, consisting of comparing environmental data to appropriate human health-based screening levels. The objective of the Qualitative Risk Assessment is to screen out media, pathways, and areas of the facility that are not likely to contribute significantly to total site risk. The findings of the Qualitative Risk Assessment will then be used to define data needs for a Modified RCRA Facility Investigation (RFI). Following this investigation, as a second step, a Quantitative Risk Assessment will be performed focusing on the media, pathways, and areas of the facility that were determined to be potentially significant in the Qualitative Risk Assessment. Figure 1-1 delineates these risk assessment steps that Gradient Corporation (Gradient) will undertake for the VCAP facilities.

Gradient visited the VCAP facilities and conducted interviews with plant personnel from August 27 through August 29, 1997 to understand the activities currently undertaken at the facilities. This information was used to develop applicable screening levels. The facility visits and interviews revealed that activities and potential exposure scenarios at nearly all the P&W facilities are very similar. A generic P&W Conceptual Site Model (CSM), which characterizes potential exposures at five of the six facilities, was developed and is presented herein (Chapter 2). The sixth facility, Southington Manufacturing, has been suspended pending a potential property transfer. Generic P&W screening levels were developed for each receptor identified in the generic P&W CSM (Chapter 3). Then for each facility, the generic P&W CSM and screening levels were further modified, as appropriate, to reflect facility-specific activities (Chapters 4 through 8).

2 Generic P&W Conceptual Site Model

A generic P&W CSM was developed to reflect the range of potential exposure scenarios and contaminant migration mechanisms likely to be encountered at the 5 VCAP facilities. Based on this generic P&W CSM, generic P&W screening levels were developed (Chapter 3) for use in the Qualitative Risk Assessment. The objective in developing the generic P&W CSM and screening levels is to make them as universally applicable to the VCAP facilities as possible, thereby standardizing the facility evaluations. The generic CSM was developed to convey the nature of the activities that may bring potential human receptors in contact with contaminants at the facilities. The facilities addressed by the VCAP are:

- East Hartford Main Street
- East Hartford Colt Street
- East Hartford Willgoos
- North Haven Washington Avenue
- Rocky Hill Belamose Avenue

All of the above listed facilities are very similar in terms of land use and human activities. In general, these are industrial facilities with building(s), paved parking lots, security fencing with camera surveillance around active portions of the plants, and lawns primarily near administration and office buildings. A majority of the employees spend all or most of their time indoors within manufacturing or office buildings. When outdoors, most employees contact only paved areas and lawns. There is limited opportunity for employees to come in contact with soils since almost all work areas are paved. The majority of water supplied to the sites is from the local Metropolitan District Commission (MDC) or other municipal sources; at some facilities groundwater is used as process water.

On-site receptors that could potentially be exposed to one or more environmental media at the P&W facilities include: Excavating Laborers during construction, Groundskeepers, Indoor Workers, Maintenance Workers, environmental Samplers, Trespassers, and in some cases, Recreators. Factory and

office workers ("Indoor Workers") at most facilities are only exposed to indoor air, which might be potentially affected by underlying soil or groundwater contamination.

To accommodate the possibility of off-site exposures, the following receptors, which encompass the expected range of potential off-site exposures, are posed: Utility Repair Workers, Recreators, and nearby Residents.

2.1 On-Site Receptors

On-site receptors that could potentially be exposed to environmental media at the P&W facilities are discussed below. Figure 2-1, the generic P&W CSM, depicts the different environmental media to which these receptors could be exposed, contaminant transfer mechanisms, and potential exposure pathways (*e.g.*, inhalation, ingestion, *etc.*).

2.1.1 Excavating Laborers

Subsurface excavation work is frequently undertaken at the active P&W facilities for maintaining existing utility/process lines and installing new structures (*e.g.*, sumps). Any such maintenance or construction work either inside or outside buildings is conducted by non-P&W personnel, either general contractors or environmental contractors. All subsurface work is required to follow a formalized, P&W-internal procedure, referred to as Design Process Review (DPR), to minimize potential exposures with hazardous materials (discussed in Section 2.3). As a result of DPR, all work that might result in contact with hazardous waste is conducted by environmental contractors under appropriate health and safety plans. General contractors only work in non-hazardous waste areas, as defined by media concentrations detailed in CTDEP's Draft Contained-In Policy (Appendix A)[1]. However, since these relatively uncontaminated areas might have low contaminant levels, these general contractors (referred to as Excavating Laborers) may be exposed *via* soil, groundwater (since groundwater at the VCAP facilities is relatively shallow), and potentially affected air within a trench (Figure 2-1).

[1] P&W has obtained authorization from the Connecticut Department of Environmental Protection (CTDEP) to use the Draft Contained-In Policy at the VCAP facilities. Appendix A includes copies of correspondence between P&W and CTDEP on this subject for the East Hartford Main Street facility; similar letters for the other VCAP facilities are also available.

2.1.2 Maintenance Workers

At active facilities, Maintenance Workers, consisting of plumbers, mechanical maintenance workers (*e.g.*, pump repair workers), electricians, *etc.*, spend most of their time indoors performing plant and equipment maintenance. These individuals work at many locations, both inside and outside building(s). Besides potential exposure *via* indoor air (affected by volatilization from soils and groundwater), Maintenance Workers could be potentially exposed, although infrequently[2], to other environmental media (Figure 2-1) while repairing: 1) subsurface pipes, electrical lines, *etc.* and 2) groundwater dewatering pumps (which are present at a few of the facilities). While repairing subsurface utility lines, Maintenance Workers may contact soil, groundwater, and trench air. However, this exposure is expected to be minimal because the excavation required for exposing such utility lines is conducted by Excavating Laborers discussed above. Maintenance Workers do not maintain surface water drainages at the P&W sites; such maintenance is conducted by Samplers, as needed. Therefore, Maintenance Workers are not expected to be exposed to surface water and sediment.

At facilities with dewatering pumps, Maintenance Workers visually inspect and perform preventive maintenance on the dewatering pumps at most once a week. However, there is no groundwater exposure during this activity because the pumps are not retrieved from the groundwater collection sumps. When the dewatering systems malfunction (occurs at most 4 to 5 times a year), the potential for limited exposure to groundwater exists. During malfunctions, the indoor Maintenance Workers retrieve the pumps and the accompanying line from the sumps, and replace the malfunctioning part or the entire pump. While conducting such repairs, indoor Maintenance Workers could potentially be exposed to contaminants *via* dermal contact with groundwater. Although potential exposure *via* soils and groundwater is expected to be minimal, these exposure pathways are retained in the generic CSM for Maintenance Workers for the sake of completeness (Figure 2-1). In addition, since these Maintenance Workers spend most of their time indoors, they could also be potentially exposed to indoor air affected by volatilization from soil and groundwater underlying the buildings.

[2] Maintenance Workers at P&W are unionized, trade-workers who perform specialized functions (*e.g.*, electrical, plumbing, *etc.*). These workers do not perform any intrusive operations, such as digging. If a subsurface pipe needs to be repaired, excavating laborers perform the necessary digging to expose the pipe, which is then repaired by the Maintenance Worker. This work-pattern limits potential soil exposure to the Maintenance Worker. In addition, a majority of lines at the P&W facilities are above grade, minimizing the need for subsurface repairs.

2.1.3 Groundskeepers

Routine grounds maintenance (primarily lawn mowing) at the P&W facilities is conducted by vendors using standard equipment, such as lawn mowers and weed whackers. Vendors are awarded a 3- to 4-year contract to maintain all the East Hartford facilities: Main Street, Colt Street, and Willgoos. An annual contract is awarded to a separate vendor who maintains the North Haven Washington Avenue facility. These contracts specify the duration of mowing (April to November) and the frequency of mowing by area (*e.g.*, once a week, every other week, *etc.*). Because some of the vendors maintain the grounds at more than one facility, depending on work load, Groundskeepers may spend their entire work week at P&W facilities. Other Groundskeepers spend only a portion of their work week at P&W facilities. During grounds maintenance activities, Groundskeepers could potentially be exposed to surface soil (Figure 2-1) from time to time, but not during every facility visit. Since groundwater is not used for irrigating lawns at any of the facilities, potential exposure to groundwater is not a complete pathway.

2.1.4 Indoor Workers

A majority of workers at the P&W facilities spend all or most of their time indoors in a wide variety of buildings. Some facilities have occupied basements, whereas others either do not have basements or have vacant basements. The air ventilation characteristics of the buildings vary widely depending on the building use. For example, a typical manufacturing building at most P&W facilities is a large internally-open concrete or steel structure, approximately 25 to 30 feet high, supported by columns on 25-foot centers. Office and administration buildings are multi-storied, with each level approximately 10 feet high, with a central HVAC system. Occupants of buildings could potentially be exposed to indoor air affected by volatilization from soils and groundwater underlying the building (Figure 2-1). Typically, Indoor Workers move throughout several buildings a day. It is possible for some workers assigned to specific work cells to spend a majority of their time in one building. Indoor Workers typically do not come in contact with surface soils at the P&W facilities because they are indoors and, if outdoors, most areas that could offer an opportunity for direct contact with soils for these receptors are either paved or grassed.

2.1.5 Samplers

Environmental compliance monitoring for various media is conducted by a few P&W employees (who are typically P&W wastewater treatment plant operators) and environmental consultants. Sampling conducted by consultants does not need to be addressed since they are OSHA-trained and follow a Health and Safety Plan. The types of sampling conducted by P&W employees include: 1) surface water sampling at NPDES permitted outfalls[3]; 2) sampling of effluent from groundwater treatment systems; and 3) monitoring of water levels in underground tunnels (East Hartford Main Street facility only). The sampling frequency ranges from weekly to quarterly. Samplers are health and safety-trained, wear appropriate gloves, and take other necessary precautions to minimize exposures. Many precautions are taken for personal convenience and hygiene reasons (*e.g.*, wearing boots while collecting samples and working efficiently to complete the task), and are effective in limiting potential exposures. To be conservative, potential exposure during sample collection and occasional sampling-point maintenance and while accessing sampling locations, will be evaluated. While performing such activities, Samplers might come in contact with surface soil, surface water or sediment. It should be noted that potential surface water/sediment exposure will not be evaluated at outfalls that only convey process water (*e.g.*, non-contact cooling water), obtained from a public water supply or surface water. If groundwater is used as a source of process water, then potential exposure to contaminants in surface water/sediments at outfalls will be evaluated. In addition to the media discussed above, Samplers may also be exposed to contaminants *via* indoor air during the periods they spend indoors. Consequently, exposure *via* surface soil, surface water/sediment, groundwater, and indoor air will be evaluated for these workers (Figure 2-1). However, exposure to groundwater for Samplers will only be evaluated qualitatively because: 1) the potential for such exposure is limited because of precautions taken by employees (*i.e.*, personnel protective equipment and clothing) and because the groundwater that is sampled has been treated (*i.e.*, effluent from a groundwater treatment system); 2) such sampling is conducted infrequently; and 3) existing institutional controls (*e.g.*, signs at tunnels, DPR) are used to minimize potential exposures.

[3] Samplers are also responsible for occasionally performing sampling point maintenance activities, such as removal of floating debris at spillways and weirs. Samplers could potentially be exposed to surface water and sediment while performing such activities.

2.1.6 Trespassers

U.S. Department of Defense-level security is prevalent at all P&W's active facilities because of the defense-related manufacturing operations that are undertaken at the facilities. Security is maintained at the active facilities by: 1) a barbed wire fence, 2) surveillance cameras which are constantly monitored at a central security office, 3) periodic patrolling of portions of the facility that are accessible to the public, such as parking lots, and 4) security check posts controlling and in some cases prohibiting access to certain portions of the facilities. In general, these security measures minimize trespassing at the P&W facilities, however some trespassing has been observed, primarily at one facility -- North Haven. Trespassing is also a possibility in inactive portions of facilities such as at Rocky Hill and Willgoos because of the proximity to the river. During trespassing, such receptors might be exposed to surface soil, surface water, and sediment (Figure 2-1).

2.1.7 On-Site Recreators

Some P&W employees engage in recreational activities (*e.g.*, walking or jogging), typically during the lunch hour, at a few of the active facilities. However, with the exception of one facility (North Haven), such activities are typically done on paved areas, thereby limiting potential exposure to soils. For example, the "Lunch Bunch" at the East Hartford Main Street facility are provided a map showing walking routes that are all on paved areas of the facility. In general, the On-Site Recreator is the same receptor as the Indoor Worker. One exception is at North Haven, where there is an unpaved walking trail and volleyball courts where employees could potentially be exposed to surface soils during the warm weather months (Figure 2-1). Exposure to adults will be evaluated, since adults (employees) engage in recreational activities more frequently than children, who participate in recreational activities (*e.g.*, picnics) occasionally (once or twice per year) at some sites[4]. Since the On-Site Recreators are employees and spend the majority of their day indoors (in offices, plant buildings), they could be

[4] Some chemicals, such as lead, can be more toxic to children than adults due to a different mode of action. However, given the much lower exposure frequency for children as compared to adult recreators, risks calculated for adults are also expected to be health protective of children. Therefore, only risks to adult recreators will be evaluated. For example, a screening level of 1,750 mg/kg is proposed for lead for adults (Table 3-10) assuming a standard workplace exposure frequency of 250 days/year. USEPA recommends using a screening level of 400 mg/kg for children assuming year around (350 days/year) exposure. Using a ratio of the proposed screening level for adults to the USEPA screening level for children (*i.e.*, 1750 mg/kg divided by 400 mg/kg which is equal to 4.375), a child could be present at the facility as many as 80 days per year (350 days divided by 4.375) exposed to 1,750 mg/kg of lead and not face unacceptable health risks. However, children are not likely to be present at the facility for more than 2 days per year. Therefore, the adult screening level proposed for lead is also safe for children.

potentially exposed to indoor air affected by volatilization from underlying soils and groundwater (Figure 2-1). On-Site Recreators are not expected to be exposed to surface water and sediment because recreation activities are undertaken during the lunch hour and do not include activities in surface water bodies.

2.2 Off-Site Receptors

To accommodate the possibility of off-site exposures, three receptors -- Utility Repair Workers, Recreators, and nearby Residents, which encompass the expected range of potential off-site exposures, are posed. Figure 2-1, the generic P&W CSM, depicts the different environmental media to which these receptors could be exposed, contaminant transfer mechanisms, and potential exposure pathways (*e.g.*, inhalation, ingestion, *etc.*).

2.2.1 Off-Site Utility Repair Workers

Workers repairing utilities in off-site trenches (*i.e.*, off the P&W property) could potentially be exposed to deep soils (defined as up to 10 feet below grade), groundwater, and trench air while undertaking such activities (Figure 2-1). Exposure to shallow soils could also occur; however, any contamination present in such soils would not be derived from P&W since shallow soil contamination typically only occurs when there are contaminant releases at the surface or *via* wind blown transport. There is no history of P&W releases or disposal of contaminants at off-site locations, and wind blown transport is not likely to be a significant mechanism due to the cover provided by on-site pavement and buildings. It should be noted that long-term recurrence of the same individual for repairs is unlikely and the repair frequency at any particular location is expected to be low. Potential exposure to this receptor is limited to the East Hartford Main Street Facility. This facility is the only location where utilities exist in off-site areas where contaminants could potentially have migrated.

2.2.2 Off-Site Recreators

Some of the P&W facilities are located close to rivers (*e.g.*, the Connecticut and Quinnipiac Rivers). Site-related groundwater and surface water could potentially affect surface water and sediment quality in these rivers, although a number of other non-P&W related sources also discharge into these

rivers. Regardless, recreators could potentially be exposed to surface water and sediment in these rivers (Figure 2-1). Recreator exposure *via* ingestion of fish (potentially affected by the P&W facilities) is not being considered at the screening stage because: 1) chemicals which typically bioaccumulate in fish tissue are generally not expected to be transported *via* groundwater, and 2) if chemicals with a potential to bioaccumulate are detected in on-site surface waters and sediments, fish ingestion will be evaluated in the Quantitative Risk Assessment. Contaminants detected in soil will also be evaluated if it appears that soil-related chemicals might have been transported into surface waters. As recommended by USEPA, the list of target analytes used for instituting Fish Advisories (Table 4-1 in Appendix E) and the list of chemicals typically analyzed in fish tissue for evaluating human health risks (Table 2 in Appendix E) will be used to determine whether a consistently detected chemical is bioaccummulative.

2.2.3 Off-Site Residents

Residential properties are adjacent to a number of the P&W facilities being evaluated in the VCAP. Since a majority of the areas at P&W facilities are paved and covered by buildings, there is no concern regarding downwind dust transport. All of the VCAP facilities are located in areas classified as non-drinking water areas (GB groundwater classification) or results of local well surveys have shown that there are no known active potable water wells near the facilities that could be impacted by contaminants at the facilities. Consequently, the only complete exposure pathway for Off-Site Residents is exposure to indoor air potentially affected by contaminant volatilization from groundwater beneath nearby homes (Figure 2-1).

2.3 Existing Institutional Controls

Since the VCAP permits the use of existing and or proposed institutional controls to control potential exposures, institutional controls that are currently being used at the VCAP facilities to control potential exposures are discussed in this subsection.

2.3.1 Design Process Review

The Design Process Review (DPR) is currently being used to manage construction and maintenance (*e.g.*, relocation of equipment, installation of new process lines, *etc.*) within the purview of

the P&W Environment, Health & Safety (EHS) management system. In the context of subsurface excavations, DPR is used to determine whether the work should be conducted by a general contractor or an environmental contractor, and to resolve other issues such as management of excavated soils. It is required that any maintenance or construction requiring subsurface work be reviewed by DPR prior to beginning the project. In general, the steps involved in the DPR are:

- A form explaining the nature of the proposed activity is completed and submitted to P&W's EHS personnel.
- Prior to approving the proposed work, P&W's EHS personnel review available data and may rely on facility knowledge to decide if further sampling is necessary to determine appropriate contractors, handling of soils, and/or disposal requirements.
- P&W also relies on Connecticut's Draft Contained-In Policy to help select appropriate contractors and disposal options. Letters obtained by P&W from CTDEP provide guidance for the handling and characterization of environmental media for each of the VCAP facilities. These letters (copy for one facility attached in Appendix A) rely on the CTDEP RSRs (soil and groundwater) and federal criteria (leaching potential using the TCLP procedure) to determine whether environmental media are hazardous or non-hazardous. Environmental contractors are used if concentrations exceed these Draft Contained-In Policy Criteria; otherwise general contractors are used. In some cases, a decision to default to hazardous waste contractors and disposal options may be made for overall project cost and time efficiency.
- Excavation may occur once P&W's EHS personnel have signed and returned the DPR form to the project proponents.

The DPR is an institutional control which ensures that subsurface work in contaminated areas is conducted by appropriately-trained professionals and potential exposure to general contractors is minimized. All subsurface work is required to go through DPR, even landscaping activities.

2.3.2 Security

As stated earlier, the DOD-level security (*i.e.*, fencing and camera surveillance) that is present at the active VCAP facilities, minimizes the likelihood of trespassing onto active portions of the facilities. Patrolling inactive portions of the facilities (*e.g.*, parking lots) during off-peak hours also reduces the likelihood of trespassing in these areas.

3 Screening Levels for the Qualitative Risk Assessment

In Chapter 2, the generic Pratt and Whitney (P&W) Conceptual Site Model (CSM) presenting the potential receptors, media, and exposure pathways for a generic P&W facility (Figure 2-1), was discussed. In this chapter, contaminant threshold criteria, *i.e.*, "screening levels," are developed for each receptor-medium combination presented in Chapter 2.

3.1 Introduction

The first step in the VCAP risk assessment process is to conduct a Qualitative Risk Assessment, *i.e.*, to compare site concentrations to risk-based screening levels. The objective of conducting the Qualitative Risk Assessment is to identify the chemicals and exposure pathways that are likely to be significant at the P&W facilities. This qualitative screening will streamline the Quantitative Risk Assessment process and serve as a guide for field sampling design during the Modified RFI. An overview of the VCAP risk assessment process is presented in Figure 1-1.

To conduct the Qualitative Risk Assessment, risk-based screening levels are required for all receptor-medium combinations identified in the generic P&W CSM. Screening levels are available from USEPA and CTDEP for some media -- USEPA's soil screening levels (SSLs) (USEPA, 1996a) and CTDEP remediation standards (RSRs) for soil, groundwater, and air (CTDEP, 1996). However, these screening levels need to be modified for P&W facilities because:

- USEPA SSLs are only applicable to residential exposure scenarios. Since the VCAP is only addressing current exposures at the P&W facilities, *i.e.*, under industrial conditions, SSLs as developed by USEPA are not appropriate.
- The CTDEP RSRs do address potential industrial exposures, however potential exposures at the P&W facilities are different from those represented by the exposure assumptions used in CTDEP industrial criteria. For example, most operations at the P&W facilities are conducted indoors and on paved areas; therefore, the potential for incidental contact with soils is limited to a few receptors, such as Groundskeepers.
- The SSLs and the RSRs do not consider the dermal contact with soil pathway, which can be an important exposure pathway for certain chemicals. These screening levels also do not consider potentially relevant industrial exposure pathways, such as inhalation of vapors within a trench.

Since the available screening levels were inappropriate for use at the P&W facilities for the reasons stated above, screening levels for the P&W facilities (referred to as generic P&W screening levels) were developed. These generic P&W screening levels consider exposure scenarios and pathways likely to be of concern at the P&W facilities, and accurately reflect exposure conditions likely to be encountered at the P&W facilities.

P&W screening levels were developed by: 1) modifying the existing SSLs and RSRs, as appropriate, to reflect exposure conditions likely to be encountered at P&W facilities; and 2) calculating screening levels to address exposure scenarios and pathways not addressed by existing screening levels. Later subsections of this chapter discuss the development of generic P&W screening levels in detail.

Since the P&W screening levels are risk-based, they will be compared to available environmental data in an area where exposure for a given receptor might occur, referred to as an Exposure Area (EA). For example, a soil screening level developed to be health-protective for a Groundskeeper will be applied to soil samples obtained from the area where the Groundskeeper is expected to undertake grounds-keeping activities. Although in risk assessments the 95% upper confidence limit on the mean is typically used to estimate exposure concentrations for soil and sediment, the proposed screening will be conducted using the maximum concentration in order to be conservative. However, the screening will rely on the Exposure Area (EA) approach rather than using site-wide maximum concentrations. All appropriate data available for a given EA will be used to define maximum concentrations for the EA. These maximum concentrations for an EA will be screened against screening levels for receptors that are likely to be exposed in a given EA. The list of the chemicals that fail the screening (*i.e.*, exceed the screening criteria) will be reviewed and a list of Chemicals of Concern (COCs) for the Quantitative Risk Assessment defined considering other criteria such as detection frequency and chemical usage history at the site. Potential risks posed by any chemicals dropped from the COC list on the basis of such criteria will be discussed qualitatively in the risk assessment.

3.2 Generic P&W Screening Levels

This section presents an overview of how the generic P&W screening levels were calculated. In general, the algorithms used for developing the SSLs and RSRs served as the primary basis for the P&W

screening levels. The input values (exposure factors and transport model assumptions) used in the SSL and RSR development were modified to reflect P&W-specific conditions. However, SSLs and RSRs do not address a few exposure scenarios/pathways present at the P&W facilities. Algorithms were developed to address such exposures/pathways. Table 3-1 presents the basis of the generic P&W screening levels for each of the exposure media/receptors identified in the generic P&W CSM. The following subsections discuss in detail the approach used for developing generic P&W screening levels for each medium.

3.2.1 Soil

USEPA SSLs, which address exposure *via* the ingestion pathway, were the primary basis for P&W soil screening levels[5]. The USEPA SSLs assume that exposure is chronic and occurs under a residential scenario. Although some exposures at P&W facilities may be chronic, they are clearly not residential-type exposures. However, the equations used to calculate the SSLs are still valid and applicable to the P&W facilities. Generic P&W soil screening levels were calculated by modifying USEPA SSLs exposure parameter values.

The USEPA SSL equations were further modified to account for not only the ingestion exposure route but also to consider the dermal contact pathway. USEPA-Region I is currently preparing a guidance document recommending that the soil dermal contact pathway be considered for selected compounds (SVOC, Pesticide/PCBs, and Inorganics). For these compounds, literature values for soil/skin adherence and dermal absorption were used and the dermal route was thus included in the P&W screening levels.

3.2.1.1 Equations for Calculating SSLs for Ingestion

The USEPA equation for calculating SSLs for ingestion of noncarcinogenic contaminants that was also used to develop generic P&W soil screening levels is:

[5] USEPA has also developed SSLs to address inhalation exposures *via* volatiles and fugitive dust. Volatilization from the soil surface to ambient air is considered to be an insignificant pathway for all P&W receptors, because the facilities are largely covered by pavement, and natural dispersion in ambient air will reduce volatile emissions from soil to insignificant levels. Exposure *via* fugitive dust is also expected to be an insignificant pathway since a large portion of the facilities are either paved or covered by buildings.

$$\text{Soil Screening Level (mg / kg)} = \frac{THQ \times BW \times AT \times 365\ d / yr}{1 / RfD_o \times 10^{-6}\ kg / mg \times EF \times ED \times IR \times FS} \quad (1)$$

where:

THQ	=	Target Hazard Quotient (unitless)
BW	=	Body Weight (kg)
AT	=	Averaging Time (yr); for noncarcinogens, AT = ED
RfD_o	=	Oral Reference Dose (mg/kg-day)
EF	=	Exposure Frequency (day/yr)
ED	=	Exposure Duration (yr)
IR	=	Soil Ingestion Rate (mg/day)
FS	=	Fraction from source; since FS = 1 for residential scenarios, this term was not listed in the SSL equations presented in USEPA guidance (1996a).

The USEPA equation for calculating SSLs for ingestion of carcinogenic contaminants that was also used to develop P&W generic soil screening levels is:

$$\text{Soil Screening Level (mg / kg)} = \frac{TR \times BW \times AT \times 365\ d / yr}{SF_o \times 10^{-6}\ kg / mg \times EF \times ED \times IR \times FS} \quad (2)$$

where:

In addition to the variables defined above for Equation 1,

TR	=	Target Cancer Risk (unitless)
AT	=	Averaging Time (yr); for carcinogens, AT = lifetime (*i.e.*, 70 years)
SF_o	=	Oral Slope Factor $(mg/kg\text{-}day)^{-1}$

We applied a ratio of exposure factors (*i.e.*, ratio of EPA exposure factors to P&W exposure factors) to existing USEPA SSLs to derive P&W soil screening levels.

3.2.1.2 Equations for Calculating SSLs for Ingestion and Dermal Contact

For non-carcinogenic compounds, soil screening levels considering the combined effects of ingestion and dermal contact were calculated as follows:

$$\text{SSL(mg / kg)} = \frac{RfD \times THQ \times BW \times AT \times 365\ d/yr}{10^{-6}\ kg/mg\ [(EF \times ED \times IR \times FS) + (EF_d \times ED \times SA \times AF \times ABS)]} \quad (3)$$

For carcinogenic compounds, soil screening levels that consider the combined effects of ingestion and dermal contact were calculated as follows:

$$\text{SSL(mg / kg)} = \frac{TR \times BW \times AT \times 365\ d/yr}{SF_o \times 10^{-6}\ kg/mg\ [(EF \times ED \times IR \times FS) + (EF_d \times ED \times SA \times AF \times ABS)]} \quad (4)$$

In addition to variables already defined, dermal-specific variables include:

EF_d	=	Exposure frequency for dermal contact, events/year
SA	=	Skin surface available for contact, cm^2/event;
AF	=	Soil to skin adherence factor, mg/cm^2; and
ABS	=	Dermal absorption factor, unitless.

Parameter values for SSLs calculated using these equations are discussed in Section 3.3.

3.2.2 Trench Air

One of the exposure scenarios discussed in the generic P&W CSM was inhalation of air within a trench (Excavating Laborer, Maintenance Worker, Off-Site Utility Repair Worker). Since the potential for Off-Site Utility Repair Worker exposure exists only at the East Hartford Main Street Facility, no screening levels have been developed for this receptor. Screening levels will be developed later, if

needed. Worker exposure within a trench represents a worst case exposure scenario because a trench is a restricted space and volatile emissions could build up to higher concentrations in a trench rather than in ambient air as a result of other subsurface activities (*e.g.*, placement of sheet piling, trench excavation, *etc.*). The next two subsections present the approach used to develop screening levels to address trench air concentrations resulting from sources within the vadose zone and groundwater. Since potential trench air exposure represents an occupational exposure, occupational air exposure levels are used as target air concentrations to back-calculate acceptable soil and groundwater concentrations.

3.2.2.1 Trench Air From Vadose Zone Sources

USEPA has developed SSLs for inhalation of contaminants volatilizing from soil into ambient air (USEPA, 1996a). These SSLs are based on a residential exposure scenario where residents inhale vapors outdoors 24 hours/day, 350 days/year for 30 years. In order to develop SSLs appropriate for inhalation of trench air for on-site receptors, the USEPA SSLs for inhalation were modified to account for differences in:

1. dispersion between trench air and ambient air; and
2. target air concentrations.

Dispersion within a typical trench (12 m^3 volume) was calculated to be about one-tenth of the USEPA default dispersion in ambient air (see Appendix B for details). Using this ratio of dispersion factors (0.1) and differences in target air concentrations, SSLs protective of vapor inhalation in trenches (SSL_{trench}) were calculated as:

$$SSL_{trench} = SSL_{air} \times 0.1\left(\frac{PEL}{C_{air,\,target}}\right) \tag{5}$$

where:

SSL_{trench} = Soil screening level based on inhalation of trench air (mg/kg)

SSL_{air}	=	USEPA Residential Soil Screening Level for Inhalation of volatiles in ambient air (mg/kg)
$C_{air, target}$	=	USEPA's residential target air concentration (mg/m^3)
PEL	=	Permissible exposure limit (mg/m^3)

Table 3-2 presents the calculated soil screening levels based on trench air inhalation for on-site receptors.

3.2.2.2 Trench Air From Groundwater Sources

Air quality within a trench can be affected by sources of volatile organics in groundwater as well as the vadose zone, especially since the water table is relatively shallow at the P&W facilities being evaluated in the VCAP. Standard construction practice calls for constant dewatering near excavations, particularly trenches, if workers need to work within a trench. Consequently, it is likely that some residual water might be present at the trench bottom, however no standing water is likely to be present. Nevertheless, in order to be conservative (*i.e.*, health protective), we assumed that there was a thin layer of water at the trench bottom in modeling concentrations of VOCs within trench air. The model was used to calculate groundwater concentrations such that predicted contaminant concentrations in trench air meet occupational air exposure levels (Appendix B). Table 3-3 presents the calculated groundwater screening levels, which are applicable to Excavating Laborers and Maintenance Workers, the two receptors potentially exposed to trench air at the P&W facilities.

3.2.3 Indoor Air

Direct measurements of indoor air within buildings will be conducted to characterize contaminant concentrations in indoor air. These measurements will reflect the aggregate effect on indoor air resulting from environmental sources, sources within buildings (*e.g.*, process-related sources, office products, *etc.*), and ubiquitous outdoor sources, such as automobile exhaust. Since the P&W facilities being addressed by the VCAP are operating manufacturing and/or testing facilities, indoor air concentrations within the facility are required to meet health-based OSHA standards. In addition to PELs, two other commonly-used sources of occupational air levels -- ACGIH's Threshold Limit Values (TLVs) and NIOSH's Recommended Exposure Limits (RELs), are also available. Since OSHA PELs are

not updated frequently, in order to be health-protective, the lowest of the PELs, TLVs, and RELs will be used to establish indoor air screening criteria. Furthermore, and in accordance with reasons stated in the letter from USEPA dated June 22, 1999 (attached in Appendix F), 1% of occupational air exposure levels will be used as screening criteria (Table 3-4).

For the purpose of the Qualitative Risk Assessment screening, groundwater quality data from on-site wells closest to residential areas (*e.g.*, near facility boundary) will be compared with CTDEP's groundwater volatilization RSRs (Table 3-5).

3.2.4 Surface Water

As the generic P&W CSM indicated, exposures to surface waters can potentially occur at and near P&W facilities (Figure 2-1). Surface water quality can be affected by groundwater discharge, surface runoff from contaminated areas, and as a result of desorption from sediments. In addition, at some P&W facilities, groundwater is used as a source of process water, which is then discharged to surface waters *via* NPDES outfalls. At such facilities, process water could also be acting as a source of environmental contamination in surface water. Human receptors (Sampler, Trespasser, On-Site Recreator, and Off-Site Recreator) can have dermal contact with surface water or incidental ingestion of surface water. In addition, some contaminants in surface waters can bioaccumulate in fish, which could be ingested by humans (only possible in off-site streams since no fishing is conducted/feasible at P&W facilities). Contaminants in surface water can also have an adverse effect on aquatic life. Therefore, the chosen screening criteria should reflect this range of potential exposures. Two sets of screening criteria will be used in the Qualitative Risk Assessment: 1) surface water criteria for screening available surface water data, and 2) groundwater criteria, based on the protection of surface water, for screening available groundwater data. In addition, if any compounds with a potential to bioaccumulate (defined in section 2.2.2) are detected consistently in either surface water or groundwater, such compounds will be retained as a COC for the Quantitative Risk Assessment.

3.2.4.1 Screening Levels for Surface Water Data

CTDEP has developed water quality criteria for the protection of aquatic life (freshwater and marine) and protection of human health (two separate criteria -- consumption of both water and

organisms, and ingestion of only organisms). The lower of the aquatic life or human health protection criteria (consumption of both water and organisms) will be used as generic P&W surface water screening criteria (Table 3-6). The VCAP Practical Quantitation Limit (PQL) will be used as a conservative screening level for chemicals/analytes with no CTDEP-derived water quality criteria and in cases where the health-based criteria is lower than the PQL[6]. These criteria will be applied to P&W-related surface waters (defined as surface waters that originate at or traverse through P&W facilities) and not to receiving waters (*e.g.*, Connecticut River) because of the presence of other sources in the receiving waters. If the screening indicates that potential exposures within P&W-related surface waters are acceptable, exposures within the receiving waters will not be evaluated. Conversely, if screening results show a potential for elevated risks, potential surface water-related exposures in receiving waters will be evaluated in the Quantitative Risk Assessment.

At facilities where groundwater is used as a source of process water, production well water quality data will be screened against Federal Maximum Contaminant Levels (MCLs). If contaminant concentrations are below MCLs, no further evaluation will be conducted to assess surface water/sediment-related risks at outfalls that only convey process water.

It should be noted that the proposed surface water screening levels are extremely conservative (*i.e.*, health-protective). The proposed levels assume that surface water is the primary source of drinking water, with human receptors ingesting 2 liters of water per day. Receptors at P&W facilities, both on-site and off-site, do not use surface waters as their primary source of water; any human exposures at or near the P&W facilities is likely to be much less in intensity and of shorter duration.

3.2.4.2 Screening Levels for Groundwater Data

Direct groundwater ingestion is not a pathway of concern because no known drinking water supply wells exist at the P&W facilities or in their immediate vicinity. Contaminated groundwater could affect indoor air at P&W facilities, but indoor air will be measured directly, as noted in Section 3.2.3.

[6]A chemical with a health-based criterion lower than the VCAP PQL will be considered further before eliminating the chemical from the list of COCs for the Quantitative Risk Assessment. Factors to considers will include chemical site usage history, detection of chemical in other media at the site, and detection frequency. Based on these factors, if a chemical appears to be site-related, potential risks posed by such chemicals will be discussed qualitatively in the uncertainty section of the Quantitative Risk Assessment; otherwise, the chemical will be dropped from further evaluation.

This leaves the potential effect of groundwater discharging to surface water, which is evaluated in this subsection. Dermal contact with groundwater is addressed in Section 3.2.6.

CTDEP's groundwater criteria for the protection of surface water will be used as generic P&W screening levels to screen groundwater data (Table 3-7). These criteria are based on Connecticut's surface water quality standards, which are typically as restrictive as or more restrictive than the federal ambient water quality criteria. CTDEP used the lower of the water quality criteria for aquatic life or human health (organisms only), for each compound as the basis for their groundwater criteria.

Connecticut DEP derived the groundwater criteria for the protection of surface water by applying a dilution/attenuation factor (DAF) to the appropriate surface water quality criteria:

$$\text{Groundwater to Surface Water Protection Criteria} = \text{DAF} \times \text{Surface Water Quality Criteria} \qquad (6)$$

The DAFs used by CTDEP range from 10 (reflecting low flow conditions) to 30 (reflecting average flow conditions), with the DAF applied to each compound being based on the compound's classification. Class A carcinogens, Threshold Toxicants, and/or compounds which bioaccumulate were assigned a DAF of 10. Compounds which are probable or possible carcinogens were assigned a DAF of 30.

For chemicals/analytes with no CTDEP-derived groundwater criteria for the protection of surface water, the VCAP PQL times a DAF of 10 (low-end of the range used by CTDEP) will be used as a conservative screening level. If these conservative screening levels are exceeded, a site-specific fate and transport evaluation along with appropriate health-based surface water concentrations will be used to evaluate potential risks associated with groundwater discharge to surface water.

The proposed screening levels (Connecticut's surface water and groundwater criteria for the protection of surface water) are conservative (*i.e.*, extremely health-protective) because:

- The surface water criteria (Table 3-6) assume that surface water is the primary source of drinking water with human receptors ingesting 2 liters of water per day. Receptors at P&W facilities, both on-site and off-site, do not use surface waters as their primary

source of water; any human exposures at or near the P&W facilities is likely to be much less in intensity and of shorter duration.

- The DAF of 10 to 30, used in calculating the groundwater criteria for the protection of surface water to account for attenuation as contaminants travel from a source area to a water body, is likely to be an underestimate for a number of readily biodegradable compounds. For such compounds, a much higher DAF (one to two orders of magnitude higher) might be more realistic under the conditions at the P&W facilities.

- The proposed screening levels address both human health and ecological endpoints. However, if the surface water exposure pathway is retained for further analysis on the basis of the Qualitative Risk Assessment results, the Quantitative Risk Assessment will only address potential human health exposures at the P&W facilities, per the VCAP.

3.2.5 Sediment

Similar to surface water, potential exposure to contaminants in sediment could occur both on- and off- P&W facilities (On-Site Samplers and Trespassers and Off-Site Recreators). Potential human exposures to sediments will be evaluated by comparing sediment concentrations to screening levels developed for soil (Section 3.2.1). Although sediment exposures are less frequent and result in lower daily intakes of contaminants, the P&W soil screening levels provide an extra margin of safety in the evaluation of the sediment exposure pathway. Therefore, these soil screening levels are appropriate for screening purposes in the Qualitative Risk Assessment.

Sediment data from on-site streams in locations (EAs) relevant to Samplers and Trespassers will be compared to soil SSLs. In addition, sediment concentrations in off-site receiving waters (*e.g.*, the Connecticut River) will be approximated by using sediment data from the most downstream location of on-site streams. These data will be compared to sediment screening levels for the Off-Site Recreator.

This proposed screening approach addresses human health risks resulting from potential direct contact with sediments. Another potential sediment-related exposure pathway for humans is ingestion of fish affected by contaminants present in sediments. If compounds likely to bioaccumulate in fish tissue are detected consistently in sediment samples collected from on-site surface waters, potential fish ingestion-related risks for the receiving waters will be evaluated in the Quantitative Risk Assessment.

3.2.6 Dermal Contact with Groundwater

There are three categories of receptors who may have dermal contact with groundwater: 1) receptors involved in subsurface work (Excavating Laborers, Maintenance Workers, and Off-Site Utility Repair Workers); 2) Maintenance Workers while repairing groundwater dewatering pumps and process lines at facilities where groundwater is used as process water, and 3) Indoor Workers at facilities that use groundwater for contact process water (*i.e.*, North Haven). Dermal contact is the only likely exposure pathway for this medium since groundwater is not used for as potable water at P&W facilities. Indirect exposure to groundwater contaminants through inhalation of vapors is evaluated separately (Section 3.2.3).

There are no existing criteria from USEPA or CTDEP upon which to base screening levels for the dermal-groundwater exposure pathway since potential dermal exposures to groundwater are likely to vary considerably from site to site. Exposure assumptions for the Excavating Laborers that represent the worst-case (most frequent) exposure were used to calculate one set of groundwater screening levels (Table 3-8). These screening levels will be used to evaluate exposures for Excavating Laborers and Maintenance Workers. Off-site Utility Repair Workers are likely to be exposed to site-related groundwater only at the East Hartford Main Street Facility. Screening levels for this scenario will be developed later, if needed. To address exposure *via* the groundwater dermal contact pathway for the other class of receptors (Indoor Workers), available groundwater quality data from production wells will be screened against MCLs. If MCLs are exceeded, groundwater dermal exposure for Indoor Workers will be assessed in the Quantitative Risk Assessment.

3.3 Receptor-Specific Screening Levels

This section discusses the receptor-specific exposure factor values used to develop generic P&W screening levels for each receptor-medium combination. Table 3-1 summarizes the potential exposure media by receptor and identifies the basis of the receptor-specific screening levels.

Exposure parameters were modified to reflect receptor-specific characteristics, where appropriate. Many of the exposure assumptions used for the P&W receptors are standard EPA "default" values, *e.g.*, adult body weight (BW) of 70 kg and average lifetime of 70 years. For all P&W receptors,

the averaging time (AT) used in the screening level equations for carcinogenic contaminants is the length of the average lifetime (*i.e.*, 70 years). For non-carcinogenic contaminants, the averaging time is equal to the exposure duration for that receptor. All P&W worker exposure scenarios, except Groundskeepers, used an exposure duration (ED) of 25 years. An adult soil ingestion rate (IR) of 50 mg/day (USEPA, 1996b) was used for all receptors except, Excavating Laborers and Groundskeepers. In order to be conservative, it was assumed that all receptors receive their entire daily soil ingestion dose at the facility and hence, a fraction from source (FS) value of 1.0 was used for all receptors. The target hazard quotient (THQ) is 1 and the target risk (TR) is 1×10^{-6} for all media except air. For the air inhalation pathway, occupational air levels were used to establish target air concentrations. Other receptor-specific exposure assumptions are discussed in the following subsections.

3.3.1 Excavating Laborers and Maintenance Workers

The exposure media, exposure pathways, and basis of the P&W screening levels for the Excavating Laborers and Maintenance Workers are summarized in Table 3-1. Excavating Laborers and Maintenance Workers are addressed together because their activity types (primarily subsurface) and potential exposures (exposure *via* contaminants in soil, trench air, and groundwater for both receptors; also indoor air for Maintenance Workers) are similar. Potential exposures for both Excavating Laborers and Maintenance Workers is controlled at P&W facilities through the use of existing P&W policies, such as DPR and CTDEP's Draft Contained-In Policy (Section 2.3)[7]. Recall, P&W uses the chemical concentrations listed in CTDEP's Draft Contained-In Policy to decide if excavations will be handled by general contractors (contaminant concentrations less than the concentrations derived following the policy) or environmental contractors (contaminant concentrations greater than the concentrations derived following the policy).

The generic P&W screening levels for the Excavating Laborers and Maintenance Workers were calculated to evaluate whether the contaminant concentrations derived following the Draft Contained-In Policy are protective of these workers' exposures *via* all the pathways believed to be complete for these receptors. The following sub-sections present the exposure factors and screening levels for the Excavating Laborers and Maintenance Workers. A comparison of the screening levels for Excavating

[7] One exception to this is potential Maintenance Worker exposure to groundwater while repairing groundwater dewatering pumps and process lines at facilities where groundwater is used as process water. The proposed screening approach to address such exposures is discussed in Section 3.3.1.5.

Laborers and Maintenance Workers to the contaminant concentrations derived following Draft Contained-In Policy demonstrates that the DPR concentrations are equal to or lower than the P&W screening levels.

3.3.1.1 Soil – Excavating Laborers

Exposure parameter values that were used in the soil screening level calculation for the Excavating Laborer soil exposure scenario are summarized in Table 3-9 and are discussed below. The P&W soil screening levels for the Excavating Laborers calculated using these exposure factors are presented in Table 3-10. A comparison of these screening levels to CTDEP's Draft Contained-In-Policy concentrations, which P&W uses to select contractors as part of DPR, is presented in Table 3-11.

Ingestion Rate (IR). An ingestion rate of 200 mg/day, which corresponds to the reasonable maximum exposure (RME) ingestion rate estimate recommended by EPA-New England for adults involved in intensive activity, was used.

Exposure Frequency (EF). Based on information from P&W, excavation work is conducted at the most 1 day/week, although not in the winter months. In order to be conservative, it was assumed that excavation work was conducted even during the winter months; hence, an exposure frequency of 50 days/year was used.

Exposure Duration (ED). Based on interviews with facility personnel, it was determined that the same contractor performs subsurface excavation work on an ongoing basis at the P&W facilities. The Excavating Laborer was therefore considered to work on-site for 25 years. This is a conservative assumption, however, since it is unlikely that the same individual would remain a laborer at the P&W facilities for their entire working career.

Skin Contact Area (SA). The skin contact area used in the screening level calculations is 4,443 cm^2/event (USEPA, 1991b). This estimate assumes that the worker's face, hands, arms, and lower legs are exposed to soil. A relatively high skin contact area is assumed so that the resulting screening levels are conservative. Alternative values for SA may be proposed in the Quantitative Risk Assessment.

Soil Skin Adherence Factor (AF). A study by Kissel *et al.* (1996) determined an average skin adherence factor of 0.041 mg/cm^2 for workers laying irrigation pipe. The type of soil contact by the irrigation pipe workers in this study is representative of the type of soil contact likely to be experienced by Excavating Laborers.

Dermal Absorption Factor (ABS). Chemical-specific and generic values for certain analytical fractions (SVOCs, Inorganics) values were used (Appendix C).

3.3.1.2 Soil – Maintenance Workers

The exposure parameter values used to develop screening levels for Maintenance Workers are summarized in Table 3-9 and discussed below. The P&W soil screening levels for Maintenance Workers calculated using these exposure factors are presented in Table 3-10.

Ingestion Rate (IR). The default adult soil ingestion rate of 50 mg/day (EPA, 1996b) was used. As discussed in Section 2.1.2, Maintenance Workers do not perform any "intensive" soil-exposure activities (*e.g.*, digging) at the P&W sites; hence, use of the default adult soil ingestion rate for Maintenance Workers is appropriate.

Exposure Frequency (EF). Although Maintenance Workers work 250 days per year at P&W facilities, Maintenance Workers perform sub-surface repairs infrequently. This is because most lines (*e.g.*, process, power, *etc.*) at P&W facilities are located above grade. Based on facility interviews, subsurface pipe might need repair at most three to four times a year. To be conservative, an upper-bound exposure frequency of 12 days per year was used in the calculations. It should also be noted that Maintenance Workers are specialty trade workers (section 2.1.2) who do not perform intrusive subsurface work such as digging; such activities are performed by Excavating Laborers to expose a subsurface pipe, which is subsequently repaired by a Maintenance Worker. This work-pattern further reduces the intensity of potential soil exposure for the Maintenance Worker.

Exposure Duration (ED). The Maintenance Worker was considered to work on-site for 25 years. This is a conservative assumption, however, since it is unlikely that the same individual would remain a worker at the P&W facilities for their entire working career.

Skin Contact Area (SA). The skin contact area used in the screening level calculations is 4,443 cm^2/event (USEPA, 1991b). This estimate assumes that the worker's face, hands, arms, and lower legs are exposed to soil. A relatively high skin contact area is assumed so that the resulting screening levels are conservative. Alternative values for SA may be proposed in the Quantitative Risk Assessment.

Soil Skin Adherence Factor (AF). An average skin adherence factor of 0.016 mg/cm^2 was determined for groundskeepers in the Kissel study (Kissel *et al.*, 1996). The type of soil contact

experienced by a groundskeeper, as described by Kissel, is representative of that experienced by Maintenance Workers.

Dermal Absorption Factor (ABS). Chemical-specific values and generic values for certain analytical fractions (SVOCs, Inorganics) were used (Appendix C).

3.3.1.3 Trench Air

Two sets of screening levels were calculated to account for soil and groundwater as separate sources of volatile compounds to trench air. These screening criteria, which are based on meeting occupational air exposure levels within the trench, are presented on Tables 3-2 and 3-3.

3.3.1.4 Indoor Air -- Maintenance Workers

P&W indoor air screening levels (Table 3-4) will be used to address potential indoor air exposure to Maintenance Workers.

3.3.1.5 Groundwater -- Excavating Laborers and Maintenance Workers

Groundwater screening levels (Table 3-8) will be used to address potential exposure resulting from dermal contact with groundwater.

3.3.1.6 Application of Screening Levels

Since DPR is used to control almost all exposures to Excavating Laborers and Maintenance Workers[8], Table 3-11 compares calculated soil screening levels for the Excavating Laborers and Maintenance Workers to the concentrations derived following the procedures outlined in the Draft Contained-In Policy, which are currently being used to determine the contractor-type (environmental *vs.* general) required for a given project. Similarly, Table 3-12 compares calculated groundwater screening levels for the Excavating Laborers and Maintenance Workers to the groundwater concentrations derived following the Draft Contained-In Policy. These comparisons indicate that the concentrations derived

[8] One exception is Maintenance Worker exposure to groundwater while repairing dewatering pumps and process lines at facilities where groundwater is used as process water. This exposure is addressed separately.

following the Draft Contained-In Policy are in general much lower than the P&W screening levels, with a few exceptions. For these exceptions, in order to be health-protective, the risk-based concentrations [P&W screening levels] will be used instead of the concentrations derived following the Draft Contained-In Policy as DPR threshold concentrations for selecting the appropriate contractor type. Tables 3-11 and 3-12 present the DPR threshold concentrations for soil and groundwater, respectively. With these changes, the concentrations used for selecting contractor-type will adequately protect against unacceptable human exposures. As a result, potential exposures to Excavating Laborers and Maintenance Workers (exceptions discussed below) *via* soil and groundwater does not need to be assessed in either the Qualitative or Quantitative Risk Assessments.

Potential exposure to Maintenance Workers *via* indoor air and *via* groundwater contact while repair dewatering pumps and process lines at facilities where groundwater is used for process water is not being address by DPR, and needs to be addressed in the risk assessments. Indoor air data collected within building will be screened against P&W indoor air screening levels to address this potential exposure. Groundwater exposure during pump repair will be evaluated by comparing spatial-arithmetic mean concentrations (using monitoring wells near dewatering pumps) to the P&W groundwater screening level (Table 3-8). If more than one round of data are available for a well, these data will be first temporarily-averaged, before calculating the spatial-arithmetic mean. To address Maintenance Worker groundwater exposure during process water (groundwater) line repair, groundwater data available from production wells will be used to screen against the P&W groundwater screening levels (Table 3-8).

3.3.2 Groundskeepers

The exposure media, exposure pathways, and basis of the P&W screening levels for the Groundskeeper scenario are summarized in Table 3-1. Groundskeepers may contact surface soil at P&W facilities.

3.3.2.1 Soil

Exposure factor values used for calculating soil screening levels for Groundskeepers are summarized in Table 3-9. P&W soil screening levels for Groundskeepers, based on these exposure

factors, are presented in Table 3-10. Exposure factor values unique to Groundskeepers are discussed below.

Ingestion Rate (IR). An ingestion rate of 100 mg/day, which corresponds to the central tendency ingestion rate estimate recommended by EPA-New England for adults involved in intensive activity, was used. This value is health protective based on a review of the activities undertaken by Groundskeepers. A copy of the Grounds Maintenance Specifications, which are part of the contract between P&W and its groundskeeping contractors and describe the activities to be undertaken by Groundskeepers, is attached in Appendix D. These specifications clearly indicate that Groundskeepers activities, which consist of spring and fall cleanup, lawn care, tree and shrub care, sidewalk and curb edging, shrub and planting bed care, and miscellaneous cleanup, are "low-intensity" activities from an exposure standpoint. Groundskeepers only occasionally undertake activities which might be considered as "intensive" exposure activities and result in higher soil ingestion rates (*e.g.*, digging to plant annuals, replacement of shrubs, *etc.*). However, in order to be health protective, the central tendency soil ingestion rate value for intensive activities was used.

Exposure Frequency (EF). Information from P&W indicates that Groundskeepers generally maintain the facilities from April through November. The same Groundskeepers maintain the East Hartford, Colt Street, and Willgoos facilities, and work 5 days/week at a combination of the three facilities, which results in an exposure frequency of 160 days/year. Although groundskeeping at other P&W facilities is conducted less frequently, an exposure frequency of 160 days/year was used for the generic screening levels to be conservative. Alternate values for EF may be used in the Quantitative Risk Assessment.

Exposure Duration (ED). Information from P&W indicates that Groundskeepers hold a 4-year contract to maintain East Hartford, Colt Street, and Willgoos, and that contract is renewed an average of one time. An exposure duration of 8 years was used for calculating soil screening levels for Groundskeepers. This exposure duration is an upper-bound estimate because: 1) some P&W facilities offer only one-year contracts (North Haven) or do not prioritize landscape maintenance since the facility is closed or in the process of closing (Rocky Hill); and 2) given current work-force dynamics, the same person is unlikely to be performing groundskeeping activities for 8 years, especially for the same contractor.

Averaging Time (AT). For non-carcinogens, the averaging time is equal to the Exposure Duration (8 years), whereas for carcinogens, the averaging time is 70 years.

Skin Contact Area (SA). A conservative estimate of the skin contact area for Groundskeepers is 4,443 cm^2/event (USEPA, 1996b).

Soil Skin Adherence Factor (AF). An average soil dermal adherence factor of 0.016 mg/cm^2 was determined for Groundskeepers in the Kissel *et al.* study (1996).

3.3.2.2 Application of Screening Levels

Groundskeepers could potentially be exposed to surface soil in lawn-covered areas on site (defined as Groundskeepers' EA). Therefore the maximum chemical concentration in on-site surface soils in Groundskeepers' EA will be compared to P&W screening levels for this receptor.

3.3.3 Indoor Workers

Indoor Workers may be exposed to contaminants *via* indoor air within an on-site building. Occupational exposure levels listed in Table 3-4 will be used as the P&W screening levels for indoor air.

3.3.3.1 Application of Screening Levels

Indoor air concentrations will be measured within buildings at the P&W facilities and directly compared to the occupational air exposure levels.

3.3.4 Samplers

The exposure media, exposure pathways, and basis of the P&W screening levels for the Sampler scenario are summarized in Table 3-1. Samplers may contact soil, indoor air, surface water, and sediment. The following subsections describe the development of screening levels for this receptor's potential exposure to these media.

3.3.4.1 Soil

The exposure parameter values used to develop screening levels for Samplers are summarized in Table 3-9 and are discussed below. The soil screening levels for Samplers are presented in Table 3-10.

Ingestion Rate (IR). The default adult soil ingestion rate of 50 mg/day (USEPA, 1996b) was used. Samplers spend a majority of their time indoors, and a small fraction outdoors, when they are conducting sampling or sampling-point maintenance activities. Samplers might potentially be exposed to soil and sediment while accessing sampling locations or occasionally while performing sample-point (*e.g.*, weirs and spillways) maintenance. Since the primary mechanism of potential soil and sediment exposure to the Samplers, exposure while accessing sampling locations, is a low-intensity activity, the use of the default adult soil ingestion rate (50 mg/day) is appropriate.

Exposure Frequency (EF). Samplers work 250 work-days per year but only collect samples for monitoring of permitted discharges, in general, about once per month, but at a few facilities once per week. To develop conservative screening levels, we have used the conservative assumption that the exposure frequency is 50 days per year. Alternate values for EF may be used in the Quantitative Risk Assessment.

Exposure Duration (ED). The Sampler was considered to work on-site for 25 years. This is a conservative assumption, however, since it is unlikely that the same individual would remain a sampler at the P&W facilities for their entire working career.

Skin Contact Area (SA). The skin contact area used in the screening level calculations is 4,443 cm^2/event (USEPA, 1991b). This estimate assumes that the worker's face, hands, arms, and lower legs[9] are exposed to soil. A relatively high skin contact area is assumed so that the resulting screening levels are conservative. Alternative values for SA may be proposed in the Quantitative Risk Assessment.

Soil Skin Adherence Factor (AF). An average soil dermal adherence factor of 0.016 mg/cm^2 was determined for groundskeepers in the Kissel *et al.* study (1996). The type of soil contact for the groundskeeper is representative of the type of soil contact likely to be experienced by Samplers.

3.3.4.2 Indoor Air

Samplers are assumed to spend the majority of each work day indoors, when not outside collecting samples. Permissible occupational air exposure levels will be used as screening levels to evaluate potential indoor air exposure (Table 3-4).

[9] Skin surface area calculated as follows: Face – 393 cm^2, which is one-third the head surface area, Arms – 1140 cm^2, Hands – 840 cm^2, Lower legs – 2070 cm^2 (USEPA, 1996b).

3.3.4.3 Surface Water

Surface water at the P&W facilities generally consists of small streams that discharge to a river off site. These streams are fed by groundwater discharge, surface runoff, as well as permitted discharges from outfalls. Samplers could potentially be exposed to surface water while accessing sampling stations, and possibly during sample collection. To evaluate the Samplers' exposure to surface water, surface water concentrations measured in on-site surface water bodies will be compared to surface water screening levels (Table 3-6). Also, on-site groundwater concentrations will be screened against the CTDEP groundwater-to-surface water protection criteria (Table 3-7).

3.3.4.4 Sediment

Sediment concentrations in on-site surface water bodies will be compared to the soil screening levels developed in Section 3.3.5.1 since Samplers' exposure to sediment is assumed to occur with the same frequency as their exposure to soil. This is a conservative assumption since their actual sediment contact intensity and incidental ingestion rate is likely to be much less than soil.

3.3.4.5 Application of Screening Levels

Samplers may be exposed to surface soil in the unpaved areas between their offices (typically, waste water treatment plants) and outfalls, where samples are collected (defined as Samplers' EA). The maximum chemical concentrations in surface soils within Samplers' EA will be compared to soil screening levels for this receptor. The maximum chemical concentrations in on-site sediment within the Samplers' EA will also be compared to the P&W soil screening levels. Indoor air contaminant concentrations measured in manufacturing buildings will be compared to the permissible occupational air exposure levels. Surface water concentrations measured at locations within the Samplers' EA will be screened against the proposed surface water screening levels (Table 3-6). Groundwater concentrations will be screened against the groundwater to surface water protection screening levels (Table 3-7), on a point-by-point basis.

3.3.5 Trespasser

The exposure media, exposure pathways, and basis of the P&W screening levels for the Trespasser scenario are summarized in Table 3-1. Trespassers may contact soil, surface water, and sediment on site. The following subsections describe the development of screening levels for this receptor.

3.3.5.1 Soil

Exposure parameters used for calculating soil screening levels for Trespassers are summarized in Table 3-9 and are discussed below. P&W SSLs for Trespassers are presented in Table 3-10. Given the site settings, it is likely that trespassing is infrequent and might not extend over a long time period. Consequently, soil screening levels were developed treating potential exposures as short-term or sub-chronic exposures for evaluating non-carcinogenic health effects. For this evaluation, sub-chronic toxicity factors (oral RfDs) were used whenever available from IRIS and HEAST; if no sub-chronic RfDs were available, chronic RfDs were used (detailed calculations presented in Appendix C). It should be noted that the use of a chronic RfD for conducting a sub-chronic exposure evaluation is overly conservative. Sub-chronic RfDs might be developed for chemicals with no readily available sub-chronic RfDs, if necessary, at the Quantitative Risk Assessment stage to conduct a more realistic evaluation of risks.

Ingestion Rate (IR). A default soil ingestion rate of 50 mg/day was used (EPA, 1996b).

Exposure Frequency (EF). Based on facility interviews, Trespassers are rarely observed at the P&W facilities, perhaps only one to two times per year. However, it is possible that trespassing might be occurring at remote portions of some of the P&W sites (*e.g.*, North Haven) that are not patrolled or monitored by P&W security. To be conservative (*i.e.*, health-protective), it is assumed that the Trespasser walks on the P&W property 2 times per week, during the summer months (13 weeks), resulting in an exposure frequency of 26 days per year.

Exposure Duration (ED). Since this represents a short term exposure scenario, sub-chronic, non-carcinogenic risks are quantified for exposure over one summer. Consequently for non-carcinogens, the exposure duration is assumed to be one summer. For carcinogens, the exposure duration is assumed to be 5 years (exposure from ages 13 to 18).

Averaging Time (AT). For noncarcinogens, the averaging time is one summer or 0.25 years; for carcinogens, the averaging time is assumed to be a lifetime or 70 years.

Skin Contact Area (SA). A skin contact area of 5,800 cm^2/event, a high-end skin surface area estimate used by Region IX in calculating soil preliminary remediation goals (PRGs), was used in the calculations. A relatively high skin contact area is assumed so that the resulting screening levels are conservative. Alternative values for SA may be proposed in the Quantitative Risk Assessment.

Soil Skin Adherence Factor (AF). An average soil dermal adherence factor of 0.06 mg/cm^2 was determined for soccer players, aged 13-15, in the study by Kissel *et al.* (1996). The type of soil contact experienced by soccer players is representative of the type of soil contact likely to be experienced by Trespassers.

3.3.5.2 Surface Water

Potential Trespasser exposure to surface water will be evaluated by comparing: 1) on-site surface water data to surface water criteria (Table 3-6); and 2) groundwater concentrations to the CTDEP groundwater-to-surface water protection criteria (Table 3-7). These screening criteria are protective of Trespassers and provide a conservative screening for the reasons outlined in Section 3.2.4.

3.3.5.3 Sediment

Sediment concentrations in on-site surface water bodies will be compared to the soil screening levels developed for the Trespasser (Section 3.3.5.1) since the Trespasser's exposure to sediment is assumed to occur with the same frequency as exposure to soil. This is a conservative assumption since a Trespasser's actual sediment contact intensity and ingestion rate is likely to be much less than soil.

3.3.5.4 Application of Screening Levels

Trespassers could potentially contact surface soil in certain unpaved portions of the facilities, and surface water and sediment in on-site streams. The maximum chemical concentration in on-site surface soils and sediment at locations within the Trespassers' EA will be compared to soil screening levels for this receptor. Surface water concentrations measured at locations within the Trespassers' EA will be screened against the proposed surface water screening criteria (Table 3-6). Groundwater

concentrations will be screened against the groundwater to surface water protection criteria (Table 3-7), on a point-by-point basis.

3.3.6 On-Site Recreators

The exposure media, exposure pathways, and basis of the P&W screening levels for the On-Site Recreator are summarized in Table 3-1. On-Site Recreators may contact soil outdoors and indoor air while working in buildings on-site. In fact, the On-Site Recreator is the same receptor as the Indoor Worker. The subsections below describe the exposure parameters used to develop soil screening levels for this receptor and how the screening levels will be applied. The potential indoor air exposures for On-Site Recreators is the same as that described in the Indoor Worker scenario.

On-site Recreators are not expected to be exposed to surface water and sediment because they participate in recreational activities (walking on marked trails and playing softball and volleyball in designated areas) that are not likely to result in surface water and sediment exposure.

3.3.6.1 Soil

Exposure factors used for developing soil screening levels for On-Site Recreators are summarized in Table 3-9 and are discussed below. P&W soil screening levels for On-Site Recreators are presented in Table 3-10.

Ingestion Rate (IR). A default soil ingestion rate of 50 mg/day was used (EPA, 1996b).

Exposure Frequency (EF). Based on facility interviews, outside walking and sports (volleyball or softball games after work) generally occur for 5 months, from May to September, on the average of 3 days/week. Since it is possible that some outdoor activities might occasionally also occur during portions of April and October, it was assumed (as a conservative estimate) that recreational activities occur for 6 months. The exposure frequency is thus 78 days per year.

Exposure Duration (ED). An exposure duration of 25 years was used for the On-Site Recreators. This is a conservative assumption, however, since it is unlikely that the same individual would recreate at the P&W facilities for their entire working career.

Skin Contact Area (SA). The skin contact area used in the screening level calculations is 4,443 cm^2/event (USEPA, 1991b). This estimate assumes that the Recreator's face, hands, arms, and lower legs are exposed to soil. A higher skin contact area is assumed so that the resulting screening levels are conservative. Alternative values for SA may be proposed in the Quantitative Risk Assessment.

Soil Skin Adherence Factor (AF). An average soil dermal adherence factor of 0.01 mg/cm^2 was used for On-Site Recreators, based on data on soil adherence for adult soccer players (Kissel, *et al.*, 1996). Soil contact by the soccer players in this study is representative of the type of soil contact likely to be encountered by On-Site Recreators.

3.3.6.2 Application of Screening Levels

On-Site Recreators may be exposed to surface soil in recreational areas of the site, *e.g.*, walking paths or playing fields (defined as On-Site Recreators' EA). The maximum chemical concentration in surface soils within On-Site Recreators' EA will be compared to screening levels for this receptor.

3.3.7 Off-Site Utility Repair Workers

Off-Site Utility Repair Workers may contact P&W-affected groundwater and may be exposed to trench air (resulting from volatilization off the water table and/or affected soils) near P&W's East Hartford Main Street Facility. A complete exposure pathway does not exist for this receptor at any other facility. Since no off-site data will be available for the Qualitative Risk Assessment screening, groundwater concentrations measured at the site boundary will be screened against the groundwater screening levels developed at a later date, if needed.

3.3.8 Off-Site Recreators

The exposure media, exposure pathways, and basis of the P&W screening levels for the Off-Site Recreator scenario are summarized in Table 3-1. Off-Site Recreators may undertake recreational activities, such as canoeing in a river adjacent to the P&W facilities during the summer months, where they could contact surface water and sediment. Additionally, recreators might fish in nearby stream/rivers.

Since the P&W facilities are not located in areas with a high recreational value, the potential for recreational activities near the facilities is limited. The most likely Recreators near the facilities are likely to be adolescents in search of isolated areas. Given this setting, Recreators were considered to be adolescents who undertake such activities for a duration of 5 years, from ages 13 to 18. In addition, these receptors are most likely to also trespass on to the facility. Hence the exposure characteristics for Off-Site Recreators were assumed to be the same as Trespassers.

3.3.8.1 Surface Water

As a conservative screening step, surface water concentrations measured at the most downstream station along on-site streams will be used to approximate surface water concentrations in off-site streams. These data will then be screened against surface water screening criteria (Table 3-6) to evaluate exposures to the Off-Site Recreator.

3.3.8.2 Sediment

Exposure parameters used to calculate soil/sediment screening levels for Off-Site Recreators are summarized in Table 3-9 and are discussed below. P&W soil/sediment screening levels for Off-Site Recreators are presented in Table 3-10. Given the site settings, it is likely that off-site recreation activities are infrequent and might not extend over a long time period. Consequently, sediment screening levels were developed treating potential exposures as short-term or sub-chronic exposures for evaluating non-carcinogenic health effects. For this evaluation, sub-chronic toxicity factors (oral RfDs) were used whenever available from IRIS and HEAST; if no sub-chronic RfDs were available, chronic RfDs were used. It should be noted that the use of a chronic RfD for conducting a sub-chronic exposure evaluation is overly conservative. Sub-chronic RfDs might be developed for chemicals with no readily available sub-chronic RfDs, if necessary, at the Quantitative Risk Assessment stage to conduct a more realistic evaluation of risks.

Ingestion Rate (IR). A default soil ingestion rate of 50 mg/day was used (EPA, 1996b).

Exposure Frequency (EF). Off-Site Recreators are rarely observed at the P&W facilities. However, to be conservative, it is assumed that Off-Site Recreators contact sediment 2 days per week during the summer months (13 weeks). The exposure frequency is thus 26 days per year.

Exposure Duration (ED). Since this represents a short term exposure scenario, sub-chronic, non-carcinogenic risks are quantified for exposure over one summer. Consequently for non-carcinogens, the exposure duration is assumed to be one summer. For carcinogens, the exposure duration is assumed to be 5 years (exposure from ages 13 to 18).

Averaging Time (AT). For noncarcinogens, the averaging time is one summer of 0.25 years; for carcinogens, the averaging time is assumed to be a lifetime or 70 years.

Skin Contact Area (SA). A skin contact area of 5,800 cm^2/event, a high-end skin surface area estimate used by Region IX in calculating soil preliminary remediation goals (PRGs), was used in the calculations. A higher skin contact area is assumed so that the resulting screening levels are conservative. Alternative values for SA may be proposed in the Quantitative Risk Assessment.

Soil Skin Adherence Factor (AF). An average soil dermal adherence factor of 0.06 mg/cm^2 was determined for soccer players, aged 13-15, in the study by Kissel *et al.* (1996). The type of soil contact experienced by soccer players is representative of the type of sediment contact likely to be experienced by Off-Site Recreators.

These screening levels will be applied to sediment data collected at the most downstream station along P&W related surface waters.

3.3.8.3 Fish

If chemicals with a potential to bioaccumulate (defined in section 2.2.2) are consistently detected in either on-site surface water or sediment, fish ingestion will be evaluated in the Quantitative Risk Assessment.

3.3.9 Off-Site Residents

The exposure media, exposure pathways, and basis of the P&W screening levels for the Off-Site Resident scenario are summarized in Table 3-1.

3.3.9.1 Indoor Air

Off-Site Residents may be exposed to contaminants *via* inhalation of volatile organics in indoor air resulting from volatilization off the water table. The screening levels for Off-Site Residents' exposure to indoor air are the CT Residential Groundwater Criteria for Volatilization to Indoor Air, without any modifications (Table 3-5).

3.3.9.2 Application of Screening Levels

Groundwater concentrations recorded in monitoring wells nearest to the site boundary with nearby residences will be used for comparison to screening levels.