

**Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E**

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results											Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	5	6	7	8	9	10	10	10
					Dioxin Screen	Dioxin Conf.	HC	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn	Perchlorate				Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4-4-DDE	4-4-DDT											
					EPA 4025	EPA 8290	EPA 8270C	EPA 600/R-93/116 Modified by Berman and Kok (2000)		EPA 6010B 6020					EPA 314.0				EPA 6010/ 6020	EPA 8270C		EPA 8081													
1,000 ppt	1,000 ppt	1.2 mg/kg	>5 long fibers	1 or more long fiber	1.77 mg/kg	331 mg/kg	800 mg/kg	100000 mg/kg	13,700 mg/kg	795 mg/kg	409 mg/kg	0.234 mg/kg	0.234 - 2.34 mg/kg	1.4 mg/kg	7.8 mg/kg	7.8 mg/kg																			
1	1-2 RZ-B	SA03	Q3	Depth 0.0-0.5'	Asbestos 1(amph)																														
2	1-2 RZ-B	RSAQ3	Q3	Depth 0.5-2.0' 0.5-2.0'D 10-11.5' 25-26.5'	Dioxin 13,000	Arsenic 7.36	B(a)A 2.2	B(a)P 2.5	B(b)F 3.6	D(a,h)A 0.77	IP 2.7	1,4,8,9	Sample dioxin and PAHs to establish cutline, arsenic appears to be background, sample to evaluate arsenic	3' 4' 5' 6' 7' 8' 9'	X Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening																X Hold Hold Hold Hold Hold Hold			
3	1-2 RZ-B	SA169	Q3	Depth 0.0-0.5' 0.5-2.0' 10-11.5' 25-26.5'	Asbestos 1(amph)	Dioxin -	B(a)P -					1.8	Sample dioxin and B(a)P to establish cutline, removal of dioxin and B(a)P should remove asbestos, location of bioaccessibility testing	3' 4' 5' 6' 7' 8' 9'	X Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening																X Hold Hold Hold Hold Hold Hold			
4	1-2 RZ-B	SA192	R3	Depth 0.0-0.5'	Asbestos 1(amph)							3	Area includes demolished building with basement that was filled in, sample for asbestos	4-6"																					
5	1-2 RZ-B	RSAR3	R3	Depth 0.0-0.5'	Asbestos 8(chry)							3	Area includes demolished building with basement that was filled in, sample for asbestos	4-6"																					
6	1-2 RZ-B	SA193	Q3	Depth 0.0-0.5'	Asbestos 1(amph)							3	Sample for asbestos from 4 to 6"	4-6"																					
7	1-2 RZ-B	SA110	R3	Depth 0.5-2.0' 10-11.5' 25-26.5'	B(a)P 0.44							8	Sample for B(a)P to establish cutline	3' 4' 5' 6' 7' 8' 9'																		X Hold Hold Hold Hold Hold Hold			
8	1-2 RZ-B	SA120	Q4	Depth 0.0-0.5'	Asbestos 17(chry)							3	Sample for asbestos from 4 to 6"	4-6"																					
9	1-2 RZ-B	SA213	Q4	Depth 0.0-0.5'	Asbestos 8(chry)							3	Sample for asbestos from 4 to 6"	4-6"																					
10	1-2 RZ-B	SSAQ4-01	Q4	New								3	Northwestern edge of SA213 polygon which has asbestos, sample asbestos for polygon control	0-2" 4-6"																					
11	1-2 RZ-B	SSAQ4-02	Q4	New								3,4	Northeastern edge of polygons SA213 and SA204 which have asbestos and arsenic, sample for asbestos and arsenic for polygon control	0-2" 4-6" 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'																					
12	1-2 RZ-B	SA121	Q4	Depth 0.0-0.5'	Asbestos 8(chry)							3	Sample for asbestos from 4 to 6"	4-6"																					
13	1-2 RZ-B	SSAQ4-03	Q4	New								3	Within island area of SA101 which had 5 long fibers chrysotile, needed for risk calculations	0-2" 4-6"																					
14	1-2 RZ-B	SSAR4-03	R4	New								3	Within island area of SA101 which had 5 long fibers chrysotile, needed for risk calculations	0-2" 4-6"																					

**Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E**

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results					Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	6	7	8	9	10	10	10		
													Dioxin Screen	Dioxin Conf.	HC B	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn	Perchlorate	Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4-4-DDE	4-4-DDT	
													EPA 4025 1,000 ppt	EPA 8290 1,000 ppt	EPA 8270C 1.2 mg/kg	EPA 600/R-93/116 Modified by Berman and Kok (2000) >5 long fibers 1 or more long fiber		EPA 6010B 6020 1.77 mg/kg 331 mg/kg 800 mg/kg 10000 mg/kg 13,700 mg/kg	EPA 314.0 795 mg/kg	EPA 6010/ 6020 409 mg/kg	EPA 8270C 0.234 mg/kg 0.234 - 2.34 mg/kg	EPA 8081 1.4 mg/kg 7.8 mg/kg 7.8 mg/kg								
15	1-2 RZ-B	SA29	R4	Depth 0.0-0.5'	Asbestos 20(chrys)						3				X															
16	1-2 RZ-B	SA111	R4	Depth 0.0-0.5'	Asbestos 26(chrys)						3				X															
17	1-2 RZ-B	RSAR4	R4	Depth 0.0-0.5' 0.0-0.5'D	Asbestos 8(chrys) 12(chrys)						3				X															
18	1-2 RZ-B	SSAR4-01	R4	New							3				X Hold	X Hold														
19	1-2 RZ-B	SA204	Q4	Depth 0.5-2.0' 10-11.5'	Arsenic 11.6 4.22						4						X Hold Hold Hold Hold Hold Hold Hold													
20	1-2 RZ-B	SA203	Q4	Depth 0.5-2.0' 10-11.5' 25-26.5'	Arsenic 7.56 26.7 2.88						-																			
21	1-2 RZ-B	SA04	Q5	Depth 0.0-0.5' 0.5-2.0' 10-11.5' 20-21.5'	Asbestos 13(chrys) - - -	Arsenic - 13.4 11.3 5.3					3,4				X			X Hold Hold Hold Hold Hold Hold Hold												
22	1-2 RZ-B	SA84	Q4	Depth 0.5-2.0' 10-11.5' 25-26.5'	Dioxin 1.200 - -	HC B 1.8 <0.00088 <0.00087	Arsenic 189 3.81 6.28				1,2,4		X Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold															
23	1-2 RZ-B	SA191	R4	Depth 0.0-0.5'	Asbestos 25(chrys)						3				X															
24	1-2 RZ-B	SSAR5-01	R5	New							3				X Hold															
25	1-2 RZ-B	RSAQ5	Q5	Depth 0.5-2.0' 10-11.5' 25-26.5'	Arsenic 7.36 3.95 2.88						-																			
26	1-2 RZ-B	SA156	Q5	Depth 0.5-2.0' 10-11.5'	Dioxin 1,300 -	Arsenic 18.1 2.03	Perchlo 813 9.98	B(a)P 1.3 <0.0007	D(a,h)A 0.41 <0.0008		1,4,6,8,9		X Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold					X Hold Hold Hold Hold Hold Hold	X Hold Hold Hold Hold Hold Hold	X Hold Hold Hold Hold Hold Hold								
27	1-2 RZ-B	SA05	Q6	Depth 0.0-0.5'	Asbestos 12(chrys)						3				X															
28	1-2 RZ-B	SA136	Q6	Depth 0.0-0.5'	Asbestos 7(chrys)						3				X															

**Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E**

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results					Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	5	6	7	8	9	10	10	10		
													Dioxin Screen	Dioxin Conf.	HCB	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn	Perchlorate	Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4-4-DDE	4-4-DDT		
													EPA 4025	EPA 8290	EPA 8270C	EPA 600/R-93/116 Modified by Berman and Kok (2000)		EPA 6010B 6020					EPA 314.0	EPA 6010/ 6020	EPA 8270C		EPA 8081				
1,000 ppt	1,000 ppt	1.2 mg/kg	>5 long fibers	1 or more long fiber	1.77 mg/kg	331 mg/kg	800 mg/kg	100000 mg/kg	13,700 mg/kg	795 mg/kg	409 mg/kg	0.234 mg/kg	0.234 - 2.34 mg/kg	1.4 mg/kg	7.8 mg/kg	7.8 mg/kg															
29	1-2 RZ-B	SSAR6-01	R6	New						3	North of SA161 (no colored polygon) which had 4 long fibers chrysotile, needed for risk calculations	0-2' 4-6'																			
30	1-2 RZ-B	SSAR6-02	R6	New						3	South of SA161 (no colored polygon) which had 4 long fibers chrysotile, needed for risk calculations	0-2' 4-6'																			
31	1-2 RZ-B	SA32	R6/ R7	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 9-10.5' 20-21.5'	HCB 3.6 2 0.03 0.3 0.027					-	No sampling - cutline established																				
32	1-2 RZ-B	RSAR7	R7	Depth 0.5-2.0' 9-10.5' 20-21.5'	Arsenic 17.8 2.96 4.76	Perchlo 201 1,260 2,970				4,6	Sample arsenic and perchlorate to establish profile, potential perchlorate flushing, portions of polygon within active area	3' 4' 5' 6' 7' 8' 9'										X Hold Hold Hold Hold Hold Hold									
33	1-2 RZ-B	SA33	R7	Depth 0.5-2.0' 10-11.5' 20-21.5'	Arsenic 7.42 2.12 9.81					-	No sampling - arsenic appears to be background																				
34	1-2 RZ-B	RSAS8	S8	Depth 0.0-0.5'	Asbestos 7(amph)					3	Sample for asbestos from 4 to 6"	4-6"																			
35	1-2 RZ-B	SA77	S8	Depth 0.0-0.5'	Asbestos 1(amph)					3	Sample for asbestos from 4 to 6"	4-6"																			
36	1-3 RZ-C	SA56	N2/ O2	Depth 0.0-0.5' 10-11.5' 25-26.5'	Arsenic 50.7 1.76 12.6	Mn 61,400 367 1,390				4,5	Sample Mn and arsenic to establish cutline	3' 4' 5' 6' 7' 8' 9'											X Hold Hold Hold Hold Hold Hold								
37	1-3 RZ-C	SSAN2-01	N2	New						4,5	Northeastern edge of polygon SA56 which has arsenic and Mn, sample for arsenic and Mn for polygon contro	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'																			
38	1-3 RZ-C	SA09	O3	Depth 0.0-0.5' 0.5-2.0' 10-11.5' 20-21.5'	Asbestos 1 (amph) - - -	Arsenic - 17 3 18				3,4	Sample for asbestos in shallow soil, sample for arsenic to evaluate vertical trend	4-6" 3' 4' 5' 6' 7' 8' 9'																			
39	1-3 RZ-C	SSAN3-01	N3	New						3,4	Northern edge of polygon SA09 which has asbestos and arsenic, sample for asbestos and arsenic for polygon control outside of LOU 35	0-2" 4-6" 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'																			

**Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E**

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results	Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	5	6	7	8	9	10	10	10
									Dioxin Screen	Dioxin Conf.	HCB	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn	Perchlorate	Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4-4-DDE	4-4-DDT
									EPA 4025	EPA 8290	EPA 8270C	EPA 600/R-93/116 Modified by Berman and Kok (2000)	EPA 6010B 6020	EPA 314.0	EPA 6010/ 6020	EPA 8270C	EPA 8081								
1,000 ppt	1,000 ppt	1.2 mg/kg	>5 long fibers	1 or more long fiber	1.77 mg/kg	331 mg/kg	800 mg/kg	100000 mg/kg	13,700 mg/kg	795 mg/kg	409 mg/kg	0.234 mg/kg	0.234 - 2.34 mg/kg	1.4 mg/kg	7.8 mg/kg	7.8 mg/kg									
40	1-3 RZ-C	SSAN3-02	N3	New		3,4	Northeastern edge of polygon SA09 which has asbestos and arsenic, sample for asbestos and arsenic for polygon control outside of LOU 35	0-2' 4-6' 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'					X Hold												
41	1-3 RZ-C	SA48	O3	Depth	Arsenic		Sample for arsenic to evaluate trend	3' 4' 5' 6' 7' 8' 9'						X Hold Hold Hold Hold Hold Hold											
42	1-3 RZ-C	SSAO3-01	O3	New			Southern portion of polygon SA48 which has arsenic, sample for arsenic for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'					X Hold Hold Hold Hold Hold Hold Hold Hold												
43	1-3 RZ-C	SA207	O3	Depth	Dioxin	HCb	Mg	Mg above BCL at 2' and 10', assume need to excavate 10', need to infill to have 10' of clean soil, or potentially sample from 12 to 18 to get information on Mg at deeper depths and provide potential for partial backfill, dioxin not expected deep, sample dioxin at 12' to confirm	12' 14' 16' 18'		X					X Hold Hold Hold									
44	1-3 RZ-C	SSAP3-01	P3	New			Southwestern edge of polygon SA207 which has dioxin HCB, and Mg, sample for dioxin, HCB, and Mg for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold			X Hold Hold Hold Hold Hold Hold											
45	1-3 RZ-C	SA182	O4	Depth	Dioxin	HCb	Arsenic	Sample dioxin and HCB to establish cutline, arsenic appears to be background, sample to evaluate trend	3' 4' 5' 6' 7' 8' 9'	X Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold			X Hold Hold Hold Hold Hold Hold										
46	1-3 RZ-C	SSAO4-01	O4	New			Northern portion of polygon SA182 which has dioxin, HCB, and arsenic, sample for dioxin, HCB, and arsenic for polygon control outside of LOU 64	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold			X Hold Hold Hold Hold Hold Hold											
47	1-3 RZ-C	SSAO4-02	O4	New			Eastern portion of polygon SA182 which has dioxin, HCB, and arsenic, sample for dioxin, HCB, and arsenic for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold			X Hold Hold Hold Hold Hold Hold											

**Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E**

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results										Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	5	6	7	8	9	10	10	10								
					Dioxin Screen	Dioxin Conf.	HCB	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn				Perchlorate	Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4-4-DDE	4-4-DDT																		
					EPA 4025	EPA 8290	EPA 8270C	EPA 600/R-93/116 Modified by Berman and Kok (2000)		EPA 6010B 6020								EPA 314.0	EPA 6010/ 6020	EPA 8270C		EPA 8081																				
1,000 ppt	1,000 ppt	1.2 mg/kg	>5 long fibers	1 or more long fiber	1.77 mg/kg	331 mg/kg	800 mg/kg	100000 mg/kg	13,700 mg/kg	795 mg/kg	409 mg/kg	0.234 mg/kg	0.234 - 2.34 mg/kg	1.4 mg/kg	7.8 mg/kg	7.8 mg/kg																										
48	1-3 RZ-C	SA50	O5	Depth 0.0-0.5'	Asbestos 1 (amph)											3	Sample for asbestos from 4 to 6"	4-6"																								
49	1-3 RZ-C	SSAO4-03	O4	New												3	Southwestern edge of SA50 polygon which has asbestos, sample asbestos for polygon control	0-2" 4-6"																								
50	1-3 RZ-C	SSAO5-01	O5	New												3	Northwestern edge of SA50 polygon which has asbestos, sample asbestos for polygon control	0-2" 4-6"																								
51	1-3 RZ-C	SA11	O5	Depth 0.0-0.5' 0.0-0.5'D	Asbestos 1 (amph)											3	Sample for asbestos from 4 to 6"	4-6"																								
52	1-3 RZ-C	SA106	O5	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 12-13.5' 20-21.5'	Dioxin 10,723 4,500 4,700 -	HCb 13 7.5 7.0 <0.001 <0.001	Arsenic 42.4 33.0 11.2 2.74 5.85	Mg 180,000 173,000 209,000 11,500 6,720	Perchlo 5,300 -	Cr 2,140 2,760 1,790 102 66.6				1,2,4,5,6,7	Sample dioxin, HCB, arsenic, Mg, perchlorate and chromium to establish cutline, potential for soil flushing following removal of shallow contamination	3' 4' 5' 6' 7' 8' 9'	X Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold				X Hold Hold Hold Hold Hold Hold		X Hold Hold Hold Hold Hold Hold	X Hold Hold Hold Hold Hold Hold																
53	1-3 RZ-C	SSAO5-02	O5	New												1,2,3,4,5,6,7	Northern portion of SA109 and adjacent to polygon SA11, outside of LOU 8 to north which has dioxin, HCB, arsenic, asbestos, Mg, perchlorate, and chromium, sample for dioxin, HCB, asbestos, arsenic, Mg, perchlorate, and chromium for polygon control outside of 8	0-2" 4-6" 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold			X Hold Hold Hold Hold Hold Hold		X Hold Hold Hold Hold Hold Hold	X Hold Hold Hold Hold Hold Hold															
54	1-3 RZ-C	SA187	O5	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5' 25-26.5'	Dioxin 2,310 270 7.8 -	HCb 2 4.8 0.026 <0.001 <0.001	Arsenic 11.9 2.69 3.36 3.76 3.95	Mn 33,600 3,220 1,170 414 317	B(a)P 0.45 <0.071 <0.0007 <0.0071 <0.0072					-	No sampling - cutline established																											
55	1-3 RZ-C	SSAO5-03	O5	New												1,2,4,5,8	Western portion of polygon SA187 which has dioxin, HCB, arsenic, Mn, and B(a)P, sample for dioxin, HCB, arsenic, Mn, and B(a)P for polygon control outside of LOU 45	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold			X Hold Hold Hold Hold Hold Hold		X Hold Hold Hold Hold Hold Hold	X Hold Hold Hold Hold Hold Hold															
56	1-3 RZ-C	SA188	O5	Depth 0.5-2.0' 10-11.5' 25-26.5'	Mn 59,100 374 151											5	Sample Mn to establish cutline	3' 4' 5' 6' 7' 8' 9'									X Hold Hold Hold Hold Hold Hold															
57	1-3 RZ-C	SA65	M5	Depth 0.5-2.0' 10-11.5' 20-21.5'	Perchlo 647 1,690 984											6	Sample perchlorate to establish concentrations in upper 10', potential for perchlorate flushing	3' 4' 5' 6' 7' 8' 9'									X Hold Hold Hold Hold Hold Hold															
58	1-3 RZ-C	SSAM4-02	M4	New												6	Northwestern edge of SA65 which has perchlorate, sample for perchlorate for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'									X Hold Hold Hold Hold Hold Hold															

**Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E**

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results										Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	5	6	7	8	9	10	10	10				
																		Dioxin Screen	Dioxin Conf.	HCB	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn	Perchlorate	Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4-4-DDE	4-4-DDT				
																		EPA 4025	EPA 8290	EPA 8270C	EPA 600/R-93/116 Modified by Berman and Kok (2000)		EPA 6010B 6020					EPA 314.0	EPA 6010/ 6020	EPA 8270C		EPA 8081						
1,000 ppt	1,000 ppt	1.2 mg/kg	>5 long fibers	1 or more long fiber	1.77 mg/kg	331 mg/kg	800 mg/kg	100000 mg/kg	13,700 mg/kg	795 mg/kg	409 mg/kg	0.234 mg/kg	0.234 - 2.34 mg/kg	1.4 mg/kg	7.8 mg/kg	7.8 mg/kg																						
68	1-3 RZ-C	SSAN6-03	N6	New												1,4	Borders of SA150 and RSAN6 which have dioxin and arsenic, sample for dioxin and arsenic for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening																		
69	1-3 RZ-C	SA104	M6	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5'	Dioxin 2,045 20 1.3 -	Perchlor 2,460 5,010 3,490 510										6	Dioxin vertical extent defined, sample perchlorate to establish concentrations in upper 10'	3' 4' 5' 6' 7' 8' 9'																X Hold Hold Hold Hold Hold				
70	1-3 RZ-C	SA105	N6	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0'	Dioxin 1,402 300 430											-	No sampling - cutline established																					
71	1-3 RZ-C	SA60	N6	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 12-13.5' 20-21.5'	Dioxin 4,550 1,900 5,600 - -	HCB 3.6 2 1.7 0.27 0.022										1,2	Sample dioxin and HCB to establish cutline	3' 4' 5' 6' 7' 8' 9'	X Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold																	
72	1-3 RZ-C	SA198	M6/ N6	Depth 0.5-2.0' 10-11.5'	Arsenic 7.51 3.94											-	No sampling - arsenic appears to be background																					
73	1-3 RZ-C	SSAM6-01	M6	New												1,2,4,6	Near intersection of polygons SA198, SA60, SA105, and SA104 which have dioxin, HCB, arsenic, and perchlorate, sample for dioxin, HCB, arsenic, and perchlorate between LOUs 16, 17 and 53	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold															X Hold Hold Hold Hold Hold Hold Hold		
74	1-3 RZ-C	RSAN6	N6	Depth 0.5-2.0' 10-11.5' 20-21.5'	Arsenic 8.61 2.23 4.45											-	No sampling - arsenic appears to be background																					
75	1-3 RZ-C	SSAN6-02	N6	New												1,2,4	Near intersection of polygons SA198, SA60, and RSAN6 which have dioxin, HCB, and arsenic, sample for dioxin, HCB, and arsenic for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold																	
76	1-3 RZ-C	SA63	M7	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5' 23-24.5'	Dioxin 5,854 49 5 -	Arsenic 9.07 - 4.57 21.7										4	Dioxin vertical extent defined, arsenic appears to be background, sample to evaluate trend	3' 4' 5' 6' 7' 8' 9'																	X Hold Hold Hold Hold Hold			
77	1-3 RZ-C	SSAM7-03	M7	New												1,4	East end of SA63 which has dioxin and arsenic, sample for dioxin and arsenic	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold																	

**Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E**

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results					Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	5	6	7	8	9	10	10	10
													Dioxin Screen	Dioxin Conf.	HCB	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn	Perchlorate	Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4-4-DDE	4-4-DDT
													EPA 4025	EPA 8290	EPA 8270C	EPA 600/R-93/116 Modified by Berman and Kok (2000)		EPA 6010B 6020					EPA 314.0	EPA 6010/ 6020	EPA 8270C		EPA 8081		
1,000 ppt	1,000 ppt	1.2 mg/kg	>5 long fibers	1 or more long fiber	1.77 mg/kg	331 mg/kg	800 mg/kg	100000 mg/kg	13,700 mg/kg	795 mg/kg	409 mg/kg	0.234 mg/kg	0.234 - 2.34 mg/kg	1.4 mg/kg	7.8 mg/kg	7.8 mg/kg													
78	1-3 RZ-C	SSAM7-04	M7	New						1,4	East of SA63 and LOU 18 which has dioxin and arsenic, sample for dioxin and arsenic	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold														
79	1-3 RZ-C	SA49	N7	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 12-13.5' 20-21.5'	Dioxin 4,018 3,900 23 -	HCB 1.2 1.9 0.76 0.0044 <0.00087	Perchlo 1,330 707 509 56.9 10.5			-	No sampling - cutline established																		
80	1-3 RZ-C	SSAN6-01	N6	New						1,2,6	Western edge of polygon SA49 which has dioxin, HCB and perchlorate, sample for dioxin, HCB, and perchlorate for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold							X Hold Hold Hold Hold Hold Hold Hold Hold Hold							
81	1-3 RZ-C	SA151	N6	Depth 0.0-0.5' 0.0-0.5'D	Asbestos 0 (amph) 1 (amph)					3	Sample for asbestos from 4 to 6'	4-6'																	
82	1-3 RZ-C	SA200	O6	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0'	Dioxin 1,027 560 10					-	No sampling - cutline established																		
83	1-3 RZ-C	SSAN6-06	N6	New						1	Northern portion of polygon SA200, outside of LOU 9 which has dioxin, sample dioxin for polygon control outside of LOU 9	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening															
84	1-3 RZ-C	SA114	O5	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5'	Dioxin 2,522 8.2 3.1 -	HCB 2.7 0.033 0.015 0.001	Arsenic 7.37 2.37 2.15 2.91	Mg 126,000 10,500 10,000 10,200	Cr 1,120 32.4 21.0 64.9	-	No sampling - the cutline for dioxin, HCB, Mg, and Cr established, arsenic appears to be background below the cutline, location of bioaccessibility testing																		
85	1-3 RZ-C	SA102	O6	Depth 0.0-0.5' 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5'	Asbestos 1 (amph) - - - -	Arsenic - 476 3.65 4.70 4.55	Cr - 900 98.2 95.1 14.3			-	No sampling, arsenic and chromium cutline established will remove asbestos																		
86	1-3 RZ-C	SSAO6-01	O6	New						1,2,3,4,5,6,7	Between LOUs 9 (SA200), 13 (SA12 west end clean), 7 (SA102 and SA114), and 14 (SA51) which have dioxin, HCB, asbestos, arsenic, Mg, perchlorate and chromium, sample for dioxin, HCB, asbestos, arsenic, Mg, perchlorate and chromium for polygon control between LOUs 9, 13, 7, and 14	0-2" 4-6" 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold	X Hold					X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold							

**Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E**

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results				Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	5	6	7	8	9	10	10	10	
												Dioxin Screen	Dioxin Conf.	HCB	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn	Perchlorate	Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4-4-DDE	4-4-DDT	
												EPA 4025	EPA 8290	EPA 8270C	EPA 600/R-93/116 Modified by Berman and Kok (2000)	EPA 6010B 6020					EPA 314.0	EPA 6010/ 6020	EPA 8270C		EPA 8081				
1,000 ppt	1,000 ppt	1.2 mg/kg	>5 long fibers	1 or more long fiber	1.77 mg/kg	331 mg/kg	800 mg/kg	100000 mg/kg	13,700 mg/kg	795 mg/kg	409 mg/kg	0.234 mg/kg	0.234 - 2.34 mg/kg	1.4 mg/kg	7.8 mg/kg	7.8 mg/kg													
97	1-3 RZ-C	SA51	O6	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5' 25-26.5'	Dioxin 1,198 110 1.6 - -	Arsenic 70.8 - - 2.88 8.33	Perchlo 1,960 40.7 16.8 19.2 182				4	Sampling to establish vertical extent of elevated arsenic	3' 4' 5' 6' 7' 8' 9'																
98	1-3 RZ-C	SSAO7-01	O7	New							1,2,3,4,5,6	Near intersection of polygons RSA06, SA51, and SA137 which have dioxin, HCB, asbestos, arsenic, cobalt, Mn, and perchlorate, sample for dioxin, HCB, asbestos, arsenic, cobalt, Mn, and perchlorate for polygon control	0-2" 4-6" 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold						X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold						
99	1-3 RZ-C	SSAO6-03	O6	New							1,3,4,6	Between eastern end of LOUs 14 and 34W defined by polygons SA51 and RSAP6 which have dioxin, asbestos, arsenic, and perchlorate, sample for dioxin, asbestos, arsenic, and perchlorate for polygon control between eastern end of LOUs 14 and 34W	0-2" 4-6" 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold						X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold							
100	1-3 RZ-C	SSAO6-02	O6	New							1,3,4,5,6	Between western end of LOUs 14 and 34W defined by polygons SA51 and SA39 which have dioxin, asbestos, arsenic, lead, Mn, and perchlorate, sample for dioxin, asbestos, arsenic, lead, Mn, and perchlorate for polygon control between western end of LOUs 14 and 34W	0-2" 4-6" 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold			X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold								
101	1-3 RZ-C	RSAP6	P6	Depth 0.0-0.5' 0.5-2.0' 10-11.5' 25-26.5'	Asbestos 23(amph) - -	Arsenic - 77.4 1.52 2.98					4	Sampling to establish vertical extent of elevated arsenic removal of arsenic should take care of asbestos	3' 4' 5' 6' 7' 8' 9'																
102	1-3 RZ-C	SA137	O7	Depth 0.5-2.0' 15-16.5'	HCB 3.6 0.0058	Arsenic 38.2 4.88	Cobalt 784 8.6	Mn 41,900 461				2,4,5	Sampling to establish vertical extent of elevated arsenic cobalt, Mn, and HCB	3' 4' 5' 6' 7' 8' 9'	X Hold Hold Hold Hold Hold Hold														
103	1-3 RZ-C	SSAN7-01	N7	New							2,4,5	Northeastern end of polygon SA137 which has HCB, arsenic, cobalt, and Mn, sample for HCB, arsenic, cobalt, and Mn for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold									X Hold Hold Hold Hold Hold Hold Hold Hold Hold						

**Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E**

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results					Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	6	7	8	9	10	10	10		
													Dioxin Screen	Dioxin Conf.	HCB	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn	Perchlorate	Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4-4-DDE	4-4-DDT	
													EPA 4025	EPA 8290	EPA 8270C	EPA 600/R-93/116 Modified by Berman and Kok (2000)	EPA 6010B 6020	EPA 314.0	EPA 6010/ 6020	EPA 8270C	EPA 8081									
1,000 ppt	1,000 ppt	1.2 mg/kg	>5 long fibers	1 or more long fiber	1.77 mg/kg	331 mg/kg	800 mg/kg	100000 mg/kg	13,700 mg/kg	795 mg/kg	409 mg/kg	0.234 mg/kg	0.234 - 2.34 mg/kg	1.4 mg/kg	7.8 mg/kg	7.8 mg/kg														
104	1-3 RZ-C	SSAN7-02	N7	New						1,4	East of beta ditch, near beta ditch sample SA107 has dioxin and arsenic, sample for dioxin and arsenic	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening																
105	1-3 RZ-C	SA139	N8	Depth 0.5-2.0' 10-11.5' 25-26.5'	Arsenic 24.7 6.85 4.12	Cobalt 335 55.5 9.2	Mn 21,600 4,050 474				4,5	Sampling to establish vertical extent of elevated arsenic cobalt and Mn	3' 4' 5' 6' 7' 8' 9'																	
106	1-3 RZ-C	SSA08-01	O8	New							4,5	Southern end of polygon SA139 which has arsenic, cobalt, and Mn, sample for arsenic, cobalt, and Mn for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold																
107	1-3 RZ-C	SA13	P7	Depth 0.0-0.5'	Asbestos 1(amph)						-	No sampling - outside of RZ-C within active area, but will sample polygon that extends into RZ-C to north																		
108	1-3 RZ-C	SSA08-02	O8	New							3	Northeastern edge of SA13 polygon which has asbestos sample asbestos for polygon control in the area extending northward out of the active area	0-2" 4-6"																	
109	1-3 RZ-C	SSAP7-01	P7	New							3	Northwestern edge of SA13 polygon which has asbestos, sample asbestos for polygon control in the area extending northward out of the active area	0-2" 4-6"																	
110	1-4 RZ-D	RSAH3	H3	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0'	Dioxin 1,360 190 380						-	No sampling - Dioxin below BCL at 1' - cutline established, location of bioaccessibility testing																		
111	1-4 RZ-D	SSAH3-01	H3	New							1,2	Borders of RSAH3 and RSA13 polygons which have dioxin and HCB, sample for dioxin and HCB, sampling is for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold														
112	1-4 RZ-D	SSA13-01	I3	New							1,2	Borders of RSAH3 and SA201 polygons which have dioxin and HCB, sample for dioxin and HCB for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold														
113	1-4 RZ-D	RSAI3	I3	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5' 20-21.5'	Dioxin 4,010 280,000 9,700 - -	HCB 15 710 12 19 0.29					1,2	HCB above BCL at 2' and 10', assume need to excavate to 10', need to infill to have 10' of clean soil, or potentially sample from 12 to 18' to get information on HCB at deeper depths and provide potential for partial backfill, sample dioxin at 12' to confirm below BCL.	12' 14' 16' 18'		X	X Hold Hold Hold														

Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results	Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	5	6	7	8	9	10	10	10		
									Dioxin Screen	Dioxin Conf.	HCB	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn	Perchlorate	Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4-4-DDE	4-4-DDT		
									EPA 4025	EPA 8290	EPA 8270C	EPA 600/R-93/116 Modified by Berman and Kok (2000)		EPA 6010B 6020					EPA 314.0	EPA 6010/ 6020	EPA 8270C		EPA 8081				
1,000 ppt	1,000 ppt	1.2 mg/kg	>5 long fibers	1 or more long fiber	1.77 mg/kg	331 mg/kg	800 mg/kg	100000 mg/kg	13,700 mg/kg	795 mg/kg	409 mg/kg	0.234 mg/kg	0.234 - 2.34 mg/kg	1.4 mg/kg	7.8 mg/kg	7.8 mg/kg											
122	1-4 RZ-D	SSAJ3-02	J3	New		1,2,4,6	Eastern edge of RSAJ2 polygon which has dioxin, HCB, perchlorate and arsenic, sample for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold			X Hold Hold Hold Hold Hold Hold Hold Hold Hold													
123	1-4 RZ-D	SSAJ3-03	J3	New		1,2,4,6	Southeastern point of RSAJ2 polygon which has dioxin, HCB, perchlorate and arsenic, sample for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold			X Hold Hold Hold Hold Hold Hold Hold Hold Hold													
124	1-4 RZ-D	SA202	J3	Depth 0-0.5'	Asbestos 3 (amph)	3	Sample for asbestos from 4 to 6"	4-6"					X														
125	1-4 RZ-D	SSAJ3-04	J3			3	Northern edge of SA202 polygon which has asbestos, sample asbestos for polygon control	0-2" 4-6"					X Hold														
126	1-4 RZ-D	SSAK3-01	K3	New		1,2,3	Borders of SA202 and SA88 polygons which have dioxin, HCB, and asbestos, sample dioxin, HCB, and asbestos for polygon control	0-2" 4-6" 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold			X Hold													
127	1-4 RZ-D	RSAK3	K3	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5' 20-21.5'	Dioxin 45,653 1,600 480 - - HCB 17 2 0.5 0.0033 0.11	-	No sampling - dioxin and HCB below BCL at 1.5' - cutline established	-																			
128	1-4 RZ-D	SA88	K3	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5' 20-21.5'	Dioxin 5,812 710 420 - - HCB 2.0 0.96 0.48 <0.0009 <0.0012	-	No sampling - dioxin and HCB below BCL at 1' - cutline established	-																			
129	1-4 RZ-D	SSAK3-02	K3	New		1,2	Western edge of SA88 polygon which has dioxin and HCB, sample for dioxin and HCB for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold																
130	1-4 RZ-D	SSAK3-03	K3	New		1,2	Borders of SA88 and SA134 polygons which have dioxin and HCB, sample for dioxin, HCB for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold																
131	1-4 RZ-D	SA134	K3	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0'	Dioxin 8,541 1,200 430	-	No sampling - dioxin below BCL at 1.5' - cutline established	-																			

Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results							Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	5	6	7	8	9	10	10	10				
															Dioxin Screen	Dioxin Conf.	HC	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn	Perchlorate	Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4,4-DDE	4,4-DDT				
															EPA 4025	EPA 8290	EPA 8270C	EPA 600/R-93/116 Modified by Berman and Kok (2000)		EPA 6010B 6020					EPA 314.0	EPA 6010/ 6020	EPA 8270C		EPA 8081						
1,000 ppt	1,000 ppt	1.2 mg/kg	>5 long fibers	1 or more long fiber	1.77 mg/kg	331 mg/kg	800 mg/kg	100000 mg/kg	13,700 mg/kg	795 mg/kg	409 mg/kg	0.234 mg/kg	0.234 - 2.34 mg/kg	1.4 mg/kg	7.8 mg/kg	7.8 mg/kg																			
132	1-4 RZ-D	SSAK3-04	K3	New								1,2	Adjacent to pond and north of RR track between SA134 and RSAK4 polygons which have dioxin and HCB, sample for dioxin and HCB	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold																		
133	1-4 RZ-D	RSAL2	L2	Depth 0.0-0.5' 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5' 20-21.5'	Dioxin - 17,736 54 4,500 - -	HC - 14 0.076 5.7 0.007 -<0.00091	Asbestos 7 (chry) - - - - -					1,2	Dioxin and HCB above BCL at 2', HCB below BCL at 10' - sample for dioxin and HCB, outline expected to be deeper than asbestos expected to be found	3' 4' 5' 6' 7' 8' 9'	X Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold																		
134	1-4 RZ-D	SSAK2-01	K2	New								1,2,3	Northwestern edge of RSAL2 polygon which has dioxin, HCB, and asbestos, sample dioxin, HCB, and asbestos for polygon control	0-2" 4-6" 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold																		
135	1-4 RZ-D	SSAL2-01	L2	New								1,2,3	Southwestern edge of RSAL2 polygon which has dioxin, HCB, and asbestos, sample dioxin, HCB, and asbestos for polygon control	0-2" 4-6" 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold																		
136	1-4 RZ-D	RSAL3	L3	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5'	Dioxin 1,141 140 2.1 -	4,4-DDE 9.4 - -<0.0019						10	Sample for 4,4-DDE at 1 foot intervals starting at 3', dioxin outline established, location of bioaccessibility testing	3' 4' 5' 6' 7' 8' 9'	X Hold Hold Hold Hold Hold Hold																X Hold Hold Hold Hold Hold Hold				
137	1-4 RZ-D	SSAL3-01	L3	New								1,10	Southern portion of RSAL3 outside of LOU 2, RSAL3 has dioxin and 4,4-DDE, analyze for dioxin and 4,4-DDE for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening																	X Hold Hold Hold Hold Hold Hold Hold Hold Hold		
138	1-4 RZ-D	SSAL3-02	L3	New								1,10	Eastern portion of RSAL3 within LOU 2, RSAL3 has dioxin and 4,4-DDE, analyze for dioxin and 4,4-DDE for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening																	X Hold Hold Hold Hold Hold Hold Hold Hold Hold		

**Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E**

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results					Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	5	6	7	8	9	10	10	10				
													Dioxin Screen	Dioxin Conf.	HCB	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn	Perchlorate	Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4-4-DDE	4-4-DDT				
													EPA 4025	EPA 8290	EPA 8270C	EPA 600/R-93/116 Modified by Berman and Kok (2000)		EPA 6010B 6020					EPA 314.0	EPA 6010/ 6020	EPA 8270C		EPA 8081						
1,000 ppt	1,000 ppt	1.2 mg/kg	>5 long fibers	1 or more long fiber	1.77 mg/kg	331 mg/kg	800 mg/kg	10000 mg/kg	13,700 mg/kg	795 mg/kg	409 mg/kg	0.234 mg/kg	0.234 - 2.34 mg/kg	1.4 mg/kg	7.8 mg/kg	7.8 mg/kg																	
139	1-4 RZ-D	RSAK4	K4	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5' 20-21.5'	Dioxin 1,556 160 69 - -	HCB 0.25 0.3 2.1 0.17 0.15					2	HCB above BCL at 2' and below BCL at 10', sample for HCB starting at 3', dioxin vertical extent established, location of bioaccessibility testing	3' 4' 5' 6' 7' 8' 9'			X Hold Hold Hold Hold Hold Hold																	
140	1-4 RZ-D	SSAK4-01	K4	New							1,2	Western edge of RSAK4 polygon which has dioxin and HCB, sample for dioxin and HCB for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold																	
141	1-4 RZ-D	SSAL4-01	L4	New							1,2	Southern portion of RSAK4 polygon which has dioxin and HCB, sample for dioxin and HCB for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold																	
142	1-4 RZ-D	SSAK5-01	K5	New							1,2	Eastern edge of RSAK4 polygon north of RR which has dioxin and HCB, sample for dioxin and HCB for polygon control	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold Hold Hold Hold																	
143	1-4 RZ-D	SA189	L4	Depth 0.0-0.5' 0.0-0.5'D 0.5-2.0' 1.0-1.5' 1.5-2.0'	Dioxin - - 1,117 930 3.1	Asbestos 1 (amph) 0 (amph) - - -					3	Dioxin outline established, sample for asbestos since dioxin below 3,000 mg/kg and has potential for non-removal pending bioaccessibility testing	4-6"																				
144	1-4 RZ-D	SSAL4-02	L4	New							1,3	Northern portion of SA189 polygon which has dioxin (less than 3,000 mg/kg) and asbestos, sample dioxin and asbestos for polygon control	0-2" 4-6" 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold																	
145	1-4 RZ-D	SSAL4-03	L4	New							1,3	Western portion of SA189 polygon which has dioxin (less than 3,000 mg/kg) and asbestos, sample dioxin and asbestos for polygon control	0-2" 4-6" 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold																	

**Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E**

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results	Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	5	6	7	8	9	10	10	10															
									Dioxin Screen	Dioxin Conf.	HCB	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn	Perchlorate	Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4-4-DDE	4-4-DDT	EPA 4025	EPA 8290	EPA 8270C	EPA 6010B 6020					EPA 314.0	EPA 6010/ 6020	EPA 8270C		EPA 8081		
									1,000 ppt	1,000 ppt	1.2 mg/kg	>5 long fibers	1 or more long fiber	1.77 mg/kg	331 mg/kg	800 mg/kg	100000 mg/kg	13,700 mg/kg	795 mg/kg	409 mg/kg	0.234 mg/kg	0.234 - 2.34 mg/kg	1.4 mg/kg	7.8 mg/kg	7.8 mg/kg															
146	1-4 RZ-D	SSAM4-01	M4	New		1,3	Southern edge of SA189 polygon which has dioxin (less than 3,000) and asbestos, sample dioxin and asbestos for polygon control	0-2' 4-6' 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening			X Hold																											
147	1-4 RZ-D	SA173	L5	Depth 0.0-0.5'	Asbestos 6 (amph)	3	Sample for asbestos from 4 to 6"	4-6"					X																											
148	1-4 RZ-D	SSAL5-01	L5	New		3	Northwestern portion of SA173 polygon which has asbestos, sample asbestos for polygon control	0-2' 4-6"					X Hold																											
149	1-4 RZ-D	SA19	L5	Depth 0.0-0.5'	Asbestos 3 (amph)	3	Sample for asbestos from 4 to 6"	4-6"					X																											
150	1-4 RZ-D	SSAL5-02	L5	New		3	Eastern edge of SA19 polygon which has asbestos, sample asbestos for polygon control	0-2' 4-6"					X Hold																											
151	1-4 RZ-D	SA167	L5	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0'	Dioxin 2,027 260 5.6	-	No sampling - dioxin cutline established, location of bioaccessibility testing																																	
152	1-4 RZ-D	SSAL5-03	L5	New		1	North of SA167 which has dioxin within LOU 31, sample for dioxin for polygon control outside of LOU 31 to the north	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening																														
153	1-4 RZ-D	SSAL5-04	L5	New		1	West of SA167 which has dioxin within LOU 31, sample for dioxin for polygon control outside of LOU 31 to the west	1' 2' 3' 4' 5' 6' 7' 8' 9' 10'	X Hold Hold Hold Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening																														
154	1-4 RZ-D	SA72	L5	Depth 0.0-0.5' 0.5-2.0' 10-11.5'	Asbestos 4 (amph) - -	Perchlorate 4,470 1,320	Perchlorate above BCL at to 10', sample deeper to establish backfill requirements (potential for perchlorate flushing but if small area defined within LOU 31 with additional sampling may not be cost effective) sample for vertical extent of asbestos in the event perchlorate flushing used	4-6" 12' 14' 16' 18'					X																								X Hold Hold Hold			
155	1-4 RZ-D	SSAM5-01	M5	New		3,6	Southern edge of LOU 31 which has asbestos and perchlorate, sample asbestos and perchlorate for polygon control outside of LOU 31 to south	0-2' 4-6' 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'				X Hold																								X Hold Hold Hold Hold Hold Hold Hold Hold				

**Table 1
Proposed Pre-Confirmation Sampling Plan - Remediation Zones RZ-B, RZ-C, RZ-D, and RZ-E**

Line No. for Ref.	Figure No. and Rem. Zone	Boring ID	Grid	Depth	Results										Chem. Group Code Driving Add'l Sampling	Rationale	Sample Depths	1	1	2	3	3	4	5	5	5	5	6	7	8	9	10	10	10	
					Dioxin Screen	Dioxin Conf.	HC	Asbestos Chrysotile	Asbestos Amphibole	Arsenic	Cobalt	Lead	Mg	Mn				Perchlorate	Total Cr	Benzo(a) Pyrene	Other PAHs*	Beta-BHC	4-4-DDE	4-4-DDT											
					EPA 4025	EPA 8290	EPA 8270C	EPA 600/R-93/116 Modified by Berman and Kok (2000)		EPA 6010B 6020								EPA 314.0	EPA 6010/ 6020	EPA 8270C		EPA 8081													
1,000 ppt	1,000 ppt	1.2 mg/kg	>5 long fibers	1 or more long fiber	1.77 mg/kg	331 mg/kg	800 mg/kg	100000 mg/kg	13,700 mg/kg	795 mg/kg	409 mg/kg	0.234 mg/kg	0.234 - 2.34 mg/kg	1.4 mg/kg	7.8 mg/kg	7.8 mg/kg																			
192	1-5 RZ-E	SA175	M6	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5'	Dioxin 5,153 13,000 26,000 -	HC 1.4 32 22 0.42									1,2	Sample dioxin and HCB to establish cutline	3' 4' 5' 6' 7' 8' 9'	X Hold Hold Hold Hold Hold Hold	Analyze the sample passing the dioxin screening	X Hold Hold Hold Hold Hold Hold															
193	1-5 RZ-E	SA86	M7	Depth 0.0-0.5' 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5'	Dioxin - 5,990 8.4 8.6 -	HC - 3.1 66 44 0.3	Asbestos 29 (chrys) -	Arsenic - 7.75 -	Perchlor - 3,950 181 219 4.68	4,4-DDE - 110 <0.009 <0.009 0.018	4,4-DDT - 220 <0.009 <0.009 0.011				2,4	Establish cutline for HCB, arsenic appears to be background, removal of at least upper 2' for HCB should remove asbestos	3' 4' 5' 6' 7' 8' 9'	X Hold Hold Hold Hold Hold Hold																	
194	1-5 RZ-E	SA155	M7	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5'	Dioxin 6,097 720 6.3 -	HC 1.3 0.94 0.33 0.3	B(a)P 0.63 <0.004 <0.001 <0.021								-	No sampling - cutline established																			
195	1-5 RZ-E	SA17	M8	Depth 0.5-2.0' 10-11.5' 20-21.5' 25-26.5'	Arsenic 22.1 4.2 13 13.7										4	Evaluate trend of elevated arsenic in shallow soil	3' 4' 5' 6' 7' 8' 9'	X Hold Hold Hold Hold Hold Hold																	
196	1-5 RZ-E	SA131	L8	Depth 0.5-2.0' 0.5-2.0'D 10-11.5'	Arsenic 11.1 14.3 D 3.99	Mn 4,800 13,800 D 573	4,4-DDE 1.3 13 D 0.071	4,4-DDT 0.72 11 D <0.02							4,5,10	Original below BCL, duplicate above BCL, sample Mn 4,4-DDE, 4,4-DDT to confirm, arsenic appears to be background, sample to evaluate trend	3' 4' 5' 6' 7' 8' 9'	X Hold Hold Hold Hold Hold Hold													X Hold Hold Hold Hold Hold Hold	X Hold Hold Hold Hold Hold Hold			
197	1-5 RZ-E	SA92	M7	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0'	Dioxin 1,323 3.7 1.2										-	No sampling - cutline established																			
198	1-5 RZ-E	SA107	N7	Depth 0.5-2.0' 1.0-1.5' 1.5-2.0' 10-11.5'	Dioxin 3,243 3,200 23 -	Arsenic 7.8 - - 4.16									4	Cutline determined for dioxin, sample arsenic to evaluate trend	3' 4' 5' 6' 7' 8' 9'	X Hold Hold Hold Hold Hold Hold																	

Notes: New locations marked by yellow highlighting
0-0.5'D - D after depth indicates duplicate sample - duplicate samples only shown on table for those samples where duplicates where significantly different (all duplicates shown on Figures 1-2 through 1-5)

* Other PAHs (polycyclic aromatic hydrocarbons)
B(a)A - benzo(a)anthracene (BCL 2.34 mg/kg)
B(b)F - benzo(b)fluoranthene (BCL 2.34 mg/kg)
D(a,h)A - Dibenzo(a,h)anthracene (BCL 0.234 mg/kg)
IP - Indeno (1,2,3-cd)pyrene (BCL 2.34 mg/kg)

Aroclor-1260 BCL is 0.826 mg/kg
Aldrin BCL is 0.113 mg/kg
Alpha-BHC BCL is 0.399 mg/kg

HC - Hexachlorobenzene
B(a)P - Benzo(a)pyrene
Mg - Magnesium
Mn - Manganese
Perchloro - Perchlorate
Cr - Chromium
mg/kg - milligrams per kilogram
ppt - part per trillion
A-BHC - Alpha-BHC
Total petroleum hydrocarbon data not listed