Tables

Table 1. Sample Data Collection Form for the Anniston PCB Site.

Station:

General Information

Names of sampling personnel	
Sampling date and time	Date: Start Time: End Time:
Weather conditions	
Precipitation	
Wind speed and direction	
Notes	

Location Information

Station ID	☐ Primary ☐ Secondary ☐ Alternate ☐ Reference
County / Land Parcel	☐ Calhoun ☐ Talladega PPIN: _____ Landowner: _____
Target coordinates (UTM Zone 16N)	Easting: Northing:
Target coordinates (Decimal Degrees)	Longitude: Latitude:
Actual coordinates	Easting/Long: Northing/Lat: GPS Error (+/- m):
Hydrologic Condition	☐ Dry ☐ Saturated ☐ Overlying Water (Depth: _____ Velocity: _____)
Site location photo(s)	☐ Photo(s) taken Photo name(s):
Location notes (including fauna observed in the viciinity of the station)	

Sample Information

Sample ID	☐ Sediment Sample ☐ Soil Sample ☐ Field Replicate
Sample depth (surface to bottom of sampler)	Target: Actual: ☐ cm ☐ Inches
Type of sampler used	☐ Bulb Transplanter ☐ Besser Sampler ☐ Ekman/Ponar ☐ Other (specify) : _____
Sample volume collected	Target: Actual (est.): ☐ Liter ☐ Gallon
Number of grabs collected	Number of Grabs: ☐ Composite Sample Prepared
Sieve size, method, and description of matter retained on the screen	
Sieve material photo(s)	☐ Photo(s) taken Photo name(s):
Substrate type (Surface)	☐ Sand (< 0.1") ☐ Silt ☐ Bedrock ☐ Gravel (0.1" - 2.5") ☐ Cobble ☐ Clay (Slick) ☐ Boulders ☐ Detritus ☐ Other: _____
Sample color	
Sample odor (if readily apparent)	☐ None ☐ Petroleum ☐ Hydrogen Sulphide ☐ Sewage ☐ Other: _____
Description of surface biology	
Sample photo(s)	☐ Photo(s) taken Photo name(s):
Notes (including problems encountered and unusual events during sampling)	☐ Completion of COC paperwork

Additional Notes

Table 2. List of sediment samples collected during the 2013 sediment and floodplain-soil sampling program for the Anniston PCB Site.

Reach / Station ID	Station Type	Date Collected (y-m-d)	Volume Collected (L, est.)	Station Coordinates[1]	
				Easting	Northing
CC02					
SD-CC02-03	Primary	2013-11-21	2	609658	3718097
SD-CC02-05	Primary	2013-11-21	2-3	609357	3718215
SD-CC02-06	Primary	2013-11-21	3	609052	3718716
SD-CC02-07	Primary	2013-11-21	3	609366	3718779
SD-CC02-08	Primary	2013-11-21	2	609502	3718721
SD-CC02-13	Secondary	2013-11-21	1-2	609744	3718173
CC04					
SD-CC04-01	Primary	2013-11-18	1-2	605567	3716035
SD-CC04-02	Secondary	2013-11-18	1-2	605574	3716137
SD-CC04-03	Primary	2013-11-18	1-2	605582	3716120
SD-CC04-05	Primary	2013-11-18	2	605743	3715938
SD-CC04-07	Primary	2013-11-18	1	605408	3715893
SD-CC04-08	Primary	2013-11-18	1-2	605364	3715876
SD-CC04-09	Primary	2013-11-18	1-2	605311	3715977
SD-CC04-10	Primary	2013-11-18	1-2	605226	3715894
SD-CC04-11	Primary	2013-11-18	1-2	602167	3715725
SD-CC04-14	Primary	2013-11-18	2	602254	3716015
SD-CC04-15	Primary	2013-11-18	NR	602293	3715910
SD-CC04-19	Secondary	2013-11-18	1-2	602243	3716049
SD-CC04-21	Secondary	2013-11-18	NR	602336	3715861
SD-CC04-23	Primary [2]	2013-11-18	1-2	605255	3715876
CC05					
SD-CC05-01	Primary	2013-11-21	1-2	599129	3715067
SD-CC05-02	Primary	2013-11-21	1-2	598898	3714912
SD-CC05-04	Primary	2013-11-21	1-2	598713	3714082
SD-CC05-05	Primary	2013-11-21	1-2	598530	3714038
SD-CC05-06	Secondary	2013-11-21	1-2	598866	3715027
CC06					
SD-CC06-01	Primary	2013-11-21	1-2	595069	3713376
SD-CC06-02	Primary	2013-11-21	1-2	594285	3713108
SD-CC06-04	Primary	2013-11-21	1-2	593630	3711821
CC07					
SD-CC07-01	Primary	2013-11-21	1-2	591549	3713874
SD-CC07-02	Primary	2013-11-21	2	591434	3713814
CC09					
SD-CC09-02	Primary	2013-11-19	NR	584706	3711989
SD-CC09-03	Secondary	2013-11-19	1-2	584645	3712118
SD-CC09-04	Primary	2013-11-19	NR	584098	3712370

Table 2. List of sediment samples collected during the 2013 sediment and floodplain-soil sampling program for the Anniston PCB Site.

Reach / Station ID	Station Type	Date Collected (y-m-d)	Volume Collected (L, est.)	Station Coordinates[1]	
				Easting	Northing
CC09 (cont.)					
SD-CC09-05	Primary	2013-11-22	1-2	582999	3712991
SD-CC09-06	Primary	2013-11-22	1-2	582730	3712610
SD-CC09-07	Primary	2013-11-22	1-2	582368	3712971
SD-CC09-09	Primary	2013-11-22	1-2	581751	3713654
SD-CC09-40	Primary [3]	2013-11-19	1	584717	3712083
CC10					
SD-CC10-01	Primary	2013-11-20	2	580548	3714525
SD-CC10-02	Primary	2013-11-20	3	580130	3715018
SD-CC10-03	Secondary	2013-11-20	2-3	580554	3714962
SD-CC10-04	Secondary	2013-11-20	2-3	580411	3715129
SD-CC10-05	Primary	2013-11-20	1-2	579238	3714485
SD-CC10-06	Primary	2013-11-20	1	579349	3713919
SD-CC10-07	Secondary	2013-11-20	1	579384	3713527
SD-CC10-08	Primary	2013-11-20	1	579279	3713383
SD-CC10-09	Primary	2013-11-20	1	579099	3713566
SD-CC10-10	Secondary	2013-11-20	1	579102	3713915
SD-CC10-11	Primary	2013-11-20	NR	578588	3714722
SD-CC10-12	Secondary	2013-11-20	1-2	576836	3714602
SD-CC10-13	Primary	2013-11-20	1-2	576627	3714527
SD-CC10-14	Primary	2013-11-20	1-2	576875	3714372
SD-CC10-15	Secondary	2013-11-20	3	580629	3715053
CR02					
SD-CR02-01	Primary	2013-11-19	2-3	575718	3713575
SD-CR02-02	Primary	2013-11-19	2-3	576375	3713186
SD-CR02-03	Secondary	2013-11-19	1-2	575294	3713000
SD-CR02-04	Primary	2013-11-19	2	576316	3712647
SD-CR02-05	Primary	2013-11-19	2	575624	3711740
SD-CR02-07	Primary	2013-11-19	1-2	574909	3710771
SD-CR02-08	Secondary	2013-11-19	1-2	575629	3713243
SD-CR02-09	Secondary	2013-11-19	2	576121	3712115

d = day; L = liters; m = month; NR = not reported; est = estimated; FSP = Field Sampling Plan; y = year.

[1] Coordinates obtained from the centroid of the three grab samples for each station; UTM Zone 16 (NAD 83).

[2] This station was designated as *alternate* in the FSP, but was re-assigned a *primary* designation in the field.

[3] This station was added in the field (i.e., was not listed in the FSP).

Table 3. List of soil samples collected during the 2013 sediment and floodplain-soil sampling program for the Anniston PCB Site.

Reach / Station ID	Station Type	Date Collected (y-m-d)	Station Coordinates[1]	
			Easting	Northing
SC01				
SL-SC01-01	Primary	2013-11-06	606460	3723337
SL-SC01-02	Primary	2013-11-06	606708	3723552
SL-SC01-03	Primary	2013-11-06	606894	3723957
SL-SC01-04	Primary	2013-11-06	606869	3724013
SL-SC01-05	Secondary	2013-11-06	606606	3723375
CC01				
SL-CC01-01	Primary	2013-11-05	609022	3719439
SL-CC01-02	Primary	2013-11-05	609060	3719424
SL-CC01-03	Primary	2013-11-05	609047	3719363
SL-CC01-04	Primary	2013-11-05	609031	3719371
SL-CC01-05	Primary	2013-11-05	609004	3719309
SL-CC01-06	Primary	2013-11-05	609034	3719213
SL-CC01-07	Secondary	2013-11-05	609056	3719467
SL-CC01-08	Secondary	2013-11-05	609099	3719410
SL-CC01-09	Secondary	2013-11-05	609000	3719397
SL-CC01-10	Secondary	2013-11-05	608976	3719271
SL-CC01-11	Secondary	2013-11-05	609064	3719285
SL-CC01-12	Secondary	2013-11-05	609072	3719206
SL-CC01-13	Secondary	2013-12-09	609004	3719084
SL-CC01-14	Secondary	2013-12-09	609233	3719059
SL-CC01-15	Secondary	2013-12-09	609149	3719279
SL-CC01-16	Secondary	2013-12-09	609237	3719289
SL-CC01-17	Secondary	2013-12-09	609599	3719136
CC02				
SL-CC02-02	Primary	2013-11-07	609054	3718694
SL-CC02-03	Primary	2013-11-07	608975	3718624
SL-CC02-04	Primary	2013-11-07	608870	3718597
SL-CC02-05	Primary	2013-11-07	609048	3718633
SL-CC02-06	Primary	2013-11-07	609162	3718597
SL-CC02-07	Primary	2013-11-07	609096	3718486
CC03				
SL-CC03-01	Secondary	2013-11-18	607325	3716484
SL-CC03-02	Primary	2013-11-18	607093	3716540
SL-CC03-03	Primary	2013-11-18	607050	3716430
SL-CC03-05	Primary	2013-11-18	605995	3716533
SL-CC03-06	Secondary	2013-11-18	605933	3716628
SL-CC03-07	Primary	2013-11-18	607065	3716528
SL-CC03-08	Primary	2013-11-18	606971	3716431
SL-CC03-09	Secondary	2013-11-18	606112	3716699
SL-CC03-10	Secondary	2013-11-18	605850	3716724

Table 3. List of soil samples collected during the 2013 sediment and floodplain-soil sampling program for the Anniston PCB Site.

Reach / Station ID	Station Type	Date Collected (y-m-d)	Station Coordinates[1]	
			Easting	Northing
CC04				
SL-CC04-01	Primary	2013-11-18	605842	3716430
SL-CC04-02	Secondary	2013-11-18	605698	3716585
SL-CC04-04	Primary	2013-11-06	605165	3715735
SL-CC04-05	Primary	2013-11-06	605065	3715779
SL-CC04-06	Primary	2013-11-06	604958	3715699
SL-CC04-09	Primary	2013-11-05	602197	3716571
SL-CC04-10	Primary	2013-11-05	602248	3716530
SL-CC04-11	Secondary	2013-11-06	604994	3715666
SL-CC04-17	Secondary	2013-11-05	602162	3716601
SL-CC04-18	Secondary	2013-11-05	602363	3716580
CC07				
SL-CC07-02	Primary	2013-11-18	591483	3713804
SL-CC07-05	Primary	2013-11-04	591107	3713824
SL-CC07-06	Primary	2013-11-07	590901	3713998
SL-CC07-07	Primary	2013-11-07	590971	3714328
SL-CC07-08	Primary	2013-11-07	590966	3714908
SL-CC07-09	Primary	2013-11-21	588529	3711705
SL-CC07-10	Primary	2013-11-18	591465	3713857
SL-CC07-11	Secondary	2013-11-04	591092	3713827
SL-CC07-12	Secondary	2013-11-07	591123	3714579
SL-CC07-13	Secondary	2013-11-07	591206	3714961
SL-CC08-06 [2]	Secondary	2013-11-21	588444	3711620
CC08				
SL-CC08-01	Primary	2013-11-21	588158	3711408
SL-CC08-02	Primary	2013-11-21	588094	3711367
SL-CC08-03	Primary	2013-11-21	586875	3712182
CC09				
SL-CC09-01	Primary	2013-11-19	584577	3711936
SL-CC09-02	Primary	2013-11-19	584159	3712299
SL-CC09-04	Secondary	2013-11-19	584271	3712208
CC10				
SL-CC10-01	Primary	2013-11-20	580371	3714905
SL-CC10-02	Primary	2013-11-20	580339	3714719
SL-CC10-03	Primary	2013-11-20	580244	3714491
SL-CC10-04	Primary	2013-11-20	579806	3714933
SL-CC10-05	Primary	2013-11-20	579920	3714775
SL-CC10-06	Primary	2013-11-20	579530	3714291
SL-CC10-07	Primary	2013-11-20	579307	3712966
SL-CC10-08	Primary	2013-11-20	579281	3712925
SL-CC10-09	Primary	2013-11-19	576522	3713189

Table 3. List of soil samples collected during the 2013 sediment and floodplain-soil sampling program for the Anniston PCB Site.

Reach / Station ID	Station Type	Date Collected (y-m-d)	Station Coordinates[1]	
			Easting	Northing
CC10 (cont.)				
SL-CC10-10	Secondary	2013-11-20	579274	3712880
SL-CC10-11	Secondary	2013-11-20	576675	3714672
CR02				
SL-CR02-02	Primary	2013-11-20	576462	3710403
SL-CR02-03	Primary	2013-11-20	576408	3710463
SL-CR02-05	Secondary	2013-11-19	576648	3712754
SL-CR02-06	Secondary	2013-11-20	576509	3710345
SL-CR02-08	Primary	2013-11-19	575243	3713009

d = day; m = month; y = year.

[1] Coordinates obtained from the centroid of the three grab samples for each station; UTM Zone 16 (NAD 83).

[2] Targeted sampling location for this station was in Reach 8, but the sample was collected in Reach 7.

Table 4. Sediment chemistry data for sampling sites located in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]					
	SD-CC02-03_P	SD-CC02-05_P	SD-CC02-06_P	SD-CC02-07_P	SD-CC02-08_P	SD-CC02-13_S
Conventionals						
Clay (%)	0.7	3.6	2.4	1.8	10	2.6
Silt (%)	3.2	10.8	5.6	4.7	56.2	0.4
Fines (silt+clay; %)	3.9	14.4	8	6.5	66.2	3
Gravel (%)	0	0	0	0	0	0
Sand (%)	96.1	85.6	92	93.5	33.8	97
Solids (%)	81.5	72.1	77.6	80	50.8	74
Phosphorus (mg/kg)	83.1	130	198	112	447	73.5
Total Organic Carbon (%)	0.13	0.59	0.2	0.2	2.4	0.08
Metals (mg/kg DW)						
Aluminum	1710	2840	3600	2200	8180	1590
Antimony	<0.100	<0.100	<0.100	<0.100	<0.100	<0.25
Arsenic	0.693	1.15	1.65	1.29	3.15	0.62
Barium	21.7	34.4	49.2	26.5	103	28.4
Beryllium	0.132	0.219	0.339	0.222	0.716	<0.25
Cadmium	<0.100	<0.100	<0.100	<0.100	0.155	<0.25
Calcium	217	373	943	473	1670	186
Chromium	3.28	4.75	9.15	5.91	9.46	2.47
Cobalt	2.19	3.59	5.48	3.16	9.51	2.06
Copper	3.88	8.26	8.9	5.48	36.1	1.94
Iron	3840	5780	8960	5920	15900	3970
Lead	4.4	6.75	16.7	6.78	20.7	4.31
Magnesium	455	598	985	664	1350	493
Manganese	137	162	494	261	871	350
Mercury	ND	ND	ND	ND	ND	0.245
Molybdenum	<0.100	0.124	0.149	0.109	0.246	<0.25
Nickel	1.87	2.81	4.39	2.68	7.63	1.71
Potassium	175	247	339	220	642	178
Selenium	<0.100	0.136	0.197	0.118	0.57	<0.25
Silver	<0.100	<0.100	<0.100	<0.100	<0.100	<0.25
Sodium	9.34	11.4	16.3	8.05	21.9	9.02
Thallium	<0.100	<0.100	<0.100	<0.100	0.123	<0.25

Table 4. Sediment chemistry data for sampling sites located in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]					
	SD-CC02-03_P	SD-CC02-05_P	SD-CC02-06_P	SD-CC02-07_P	SD-CC02-08_P	SD-CC02-13_S
Metals (mg/kg DW; cont.)						
Vanadium	2.27	4.33	6.41	4.08	12.3	1.77
Zinc	14.9	23.2	34.6	20.8	63.1	17
Polychlorinated Biphenyls (PCBs; µg/kg DW)						
Aroclor 1016	<2.40	<2.86	<2.58	<2.59	<4.07	<1.35
Aroclor 1221	<2.50	<2.98	<2.69	<2.70	<4.25	<1.35
Aroclor 1232	<2.50	<2.98	<2.69	<2.70	<4.25	<1.35
Aroclor 1242	<2.50	<2.98	<2.69	<2.70	<4.25	<1.35
Aroclor 1248	<2.50	<2.98	107	2.82	23.4	<1.35
Aroclor 1254	<2.50	<2.98	94.7	4.47	41.9	2.14
Aroclor 1260	<2.48	<2.95	78.4	3.62	24.6	<1.35
Total PCBs - Aroclors	<17.38	<20.71	285.4	16.26	98.31	6.19
Mean Quotients						
Mean PEC-Q_{METALS}	0.02742	0.04346	0.0712	0.0418	0.13	0.0264

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-01_P	SD-CC04-02_S	SD-CC04-03_P	SD-CC04-05_P	SD-CC04-07_P	SD-CC04-08_P	SD-CC04-09_P
Conventionals							
Clay (%)	5.7	10.1	9.5	9.8	11.8	11.9	7.8
Silt (%)	18.6	49.6	36.2	68	46.4	41.3	33.5
Fines (silt+clay; %)	24.3	59.7	45.7	77.8	58.2	53.2	41.3
Gravel (%)	0	0	0.1	0.4	0.4	0	0
Sand (%)	75.7	40.3	54.2	21.8	41.4	46.8	58.7
Solids (%)	72.1	65.1	65.3	47.4	74.3	70.2	66.1
Phosphorus (mg/kg)	387	454	403	972	332	380	411
Total Organic Carbon (%)	1.4	1.3	1.8	3	0.18	0.55	1.8
Metals (mg/kg DW)							
Aluminum	4710	8150	7410	10900	8950	9380	6220
Antimony	<0.100	<0.25	<0.100	<0.100	<0.100	<0.100	<0.100
Arsenic	2.44	2.69	2.45	3.31	2.11	2.53	2.14
Barium	61.7	85	70.1	112	105	121	77.3
Beryllium	0.537	0.62	0.707	0.836	0.688	0.748	0.577
Cadmium	0.204	<0.25	0.205	0.362	0.102	<0.100	0.162
Calcium	2180	1930	1490	2470	939	1020	1730
Chromium	11.6	11.4	11.7	16.1	10.6	13.3	10.3
Cobalt	6.71	8.19	8.3	10.7	8.2	8.83	7.4
Copper	19.8	17	15.8	29.9	12.6	14.3	18.4
Iron	11700	17400	14800	19500	13600	15500	12500
Lead	24	19.4	17.6	32.7	16.3	27.2	22.1
Magnesium	1220	1300	1160	1700	1260	1230	1180
Manganese	387	246	203	361	608	624	548
Mercury	0.648	0.73	0.272	ND	0.55	0.758	0.418
Molybdenum	0.234	0.253	0.259	0.369	0.234	0.252	0.228
Nickel	7.42	9.44	8.83	11.1	7.72	8.39	7.03
Potassium	445	1170	1020	816	604	624	461
Selenium	0.336	0.565	0.419	0.612	0.375	0.475	0.366
Silver	0.122	<0.25	<0.100	0.256	0.219	0.108	<0.100
Sodium	20.9	27.8	24	41.5	36.3	42.8	23.9
Thallium	<0.100	<0.25	0.151	0.193	0.169	0.134	0.103

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-01_P	SD-CC04-02_S	SD-CC04-03_P	SD-CC04-05_P	SD-CC04-07_P	SD-CC04-08_P	SD-CC04-09_P
Metals (mg/kg DW; cont.)							
Vanadium	10.4	12.8	14.7	16.9	11.5	12.4	9.92
Zinc	76	93.9	70.8	123	47.6	61.6	59.8
Polychlorinated Biphenyls (PCBs; µg/kg DW)							
Aroclor 1016	<2.77	<1.53	<3.14	<4.27	<2.72	<2.92	<3.12
Aroclor 1221	<2.89	<1.53	<3.28	<4.46	<2.84	<3.05	<3.26
Aroclor 1232	<2.89	<1.53	<3.28	<4.46	<2.84	<3.05	<3.26
Aroclor 1242	<2.89	<1.53	<3.28	<4.46	<2.84	<3.05	<3.26
Aroclor 1248	1710	796	718	245	390	459	733
Aroclor 1254	1680	960	995	280	930	1030	1020
Aroclor 1260	1220	498	588	232	776	952	813
Total PCBs - Aroclors	4616	2260	2307	765.8	2102	2447	2572
PCB 001	132	ND	ND	43.7	ND	ND	33.5
PCB 002	3.12	ND	ND	1.81	ND	ND	0.878
PCB 003	62.3	ND	ND	28.2	ND	ND	12.7
PCB 004	251	ND	ND	47.7	ND	ND	58.5
PCB 005	<0.38	ND	ND	<0.22	ND	ND	<0.17
PCB 006	38.1	ND	ND	9.38	ND	ND	5.2
PCB 007	6.91	ND	ND	1.83	ND	ND	0.9
PCB 008	132	ND	ND	34.3	ND	ND	21.2
PCB 009	3.67	ND	ND	1.32	ND	ND	0.69
PCB 010	10.1	ND	ND	3.14	ND	ND	4.82
PCB 011	1.78	ND	ND	0.56	ND	ND	0.43
PCB 012 & 013	11.9	ND	ND	4.64	ND	ND	2.68
PCB 014	<0.13	ND	ND	<0.19	ND	ND	<0.15
PCB 015	164	ND	ND	64	ND	ND	37.1
PCB 016	18.8	ND	ND	3.33	ND	ND	1.65
PCB 017	133	ND	ND	29.7	ND	ND	22.9
PCB 018 & 030	76.1	ND	ND	14.3	ND	ND	8.89
PCB 019	79.1	ND	ND	21	ND	ND	29
PCB 020 & 028	125	ND	ND	64.1	ND	ND	30.8

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-01_P	SD-CC04-02_S	SD-CC04-03_P	SD-CC04-05_P	SD-CC04-07_P	SD-CC04-08_P	SD-CC04-09_P
PCBs (µg/kg DW; cont.)							
PCB 021 & 033	13.6	ND	ND	12.7	ND	ND	3.67
PCB 022	23.1	ND	ND	9.32	ND	ND	4.89
PCB 023	0.072	ND	ND	<0.067	ND	ND	<0.041
PCB 024	0.377	ND	ND	0.092	ND	ND	0.221
PCB 025	50.2	ND	ND	16.8	ND	ND	9.16
PCB 026 & 029	64.4	ND	ND	18.3	ND	ND	11.6
PCB 027	33.9	ND	ND	8.83	ND	ND	10.1
PCB 031	87.2	ND	ND	35.6	ND	ND	21
PCB 032	65.8	ND	ND	20.7	ND	ND	17.1
PCB 034	2.12	ND	ND	1.17	ND	ND	0.516
PCB 035	1.17	ND	ND	0.514	ND	ND	0.358
PCB 036	<0.049	ND	ND	<0.061	ND	ND	<0.038
PCB 037	32.7	ND	ND	25.1	ND	ND	13.8
PCB 038	<0.2	ND	ND	<0.12	ND	ND	<0.07
PCB 039	0.698	ND	ND	0.336	ND	ND	0.226
PCB 040 & 041 & 071	83.9	ND	ND	43.3	ND	ND	26.4
PCB 040 & 071	ND	ND	ND	ND	ND	ND	ND
PCB 041	ND	ND	ND	ND	ND	ND	ND
PCB 042	57.6	ND	ND	29.6	ND	ND	17.4
PCB 043	3.32	ND	ND	<0.024	ND	ND	1.15
PCB 044 & 047 & 065	257	ND	ND	156	ND	ND	88.7
PCB 045	ND	ND	ND	ND	ND	ND	ND
PCB 045 & 051	57.3	ND	ND	32.3	ND	ND	20
PCB 046	10.7	ND	ND	3.73	ND	ND	2.22
PCB 048	6.35	ND	ND	5.36	ND	ND	2.28
PCB 049 & 069	195	ND	ND	122	ND	ND	65.3
PCB 050 & 053	58.6	ND	ND	28.2	ND	ND	18
PCB 051	ND	ND	ND	ND	ND	ND	ND
PCB 052	253	ND	ND	125	ND	ND	86
PCB 054	11.6	ND	ND	6.04	ND	ND	5.38
PCB 055	<0.11	ND	ND	<0.086	ND	ND	<0.048
PCB 056	43.1	ND	ND	27.6	ND	ND	19

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-01_P	SD-CC04-02_S	SD-CC04-03_P	SD-CC04-05_P	SD-CC04-07_P	SD-CC04-08_P	SD-CC04-09_P
PCBs (µg/kg DW; cont.)							
PCB 057	1.46	ND	ND	0.515	ND	ND	0.576
PCB 058	5.62	ND	ND	<0.083	ND	ND	2.33
PCB 059 & 062 & 075	15.8	ND	ND	9.14	ND	ND	5.6
PCB 060	10.8	ND	ND	5.38	ND	ND	5.6
PCB 061 & 070 & 074 & 076	131	ND	ND	103	ND	ND	60.4
PCB 063	6.56	ND	ND	3.74	ND	ND	2.47
PCB 064	71.9	ND	ND	37.9	ND	ND	26.8
PCB 066	117	ND	ND	105	ND	ND	54
PCB 067	2.87	ND	ND	2.37	ND	ND	1.2
PCB 068	4.6	ND	ND	3.64	ND	ND	1.85
PCB 072	4.68	ND	ND	3.05	ND	ND	1.78
PCB 073	<0.016	ND	ND	<0.015	ND	ND	<0.014
PCB 077	21.3	ND	ND	13.3	ND	ND	8.4
PCB 078	<0.11	ND	ND	<0.087	ND	ND	<0.049
PCB 079	1.53	ND	ND	1.83	ND	ND	1.65
PCB 080	<0.098	ND	ND	<0.078	ND	ND	<0.044
PCB 081	0.51	ND	ND	0.31	ND	ND	0.225
PCB 082	23.3	ND	ND	8.84	ND	ND	10.5
PCB 083	ND	ND	ND	ND	ND	ND	ND
PCB 083 & 099	128	ND	ND	122	ND	ND	62.4
PCB 084	49.7	ND	ND	25.5	ND	ND	18.7
PCB 085 & 116 & 117	36.8	ND	ND	16.7	ND	ND	19.3
PCB 086 & 087 & 097 & 108 & 119 & 125	ND	ND	ND	ND	ND	ND	ND
PCB 086 & 087 & 097 & 109 & 119 & 125	128	ND	ND	70.4	ND	ND	61.5
PCB 088 & 091	43.4	ND	ND	43.7	ND	ND	20
PCB 089	2.27	ND	ND	0.567	ND	ND	0.871
PCB 090 & 101 & 113	201	ND	ND	148	ND	ND	99.4
PCB 092	47.6	ND	ND	28.6	ND	ND	22.8
PCB 093 & 098 & 100 & 102	28.8	ND	ND	23.1	ND	ND	12.4
PCB 093 & 100	ND	ND	ND	ND	ND	ND	ND
PCB 094	5.1	ND	ND	3.89	ND	ND	2.55
PCB 095	146	ND	ND	87.9	ND	ND	63.8

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-01_P	SD-CC04-02_S	SD-CC04-03_P	SD-CC04-05_P	SD-CC04-07_P	SD-CC04-08_P	SD-CC04-09_P
PCBs (µg/kg DW; cont.)							
PCB 096	3.62	ND	ND	2.11	ND	ND	1.37
PCB 098 & 102	ND	ND	ND	ND	ND	ND	ND
PCB 099	ND	ND	ND	ND	ND	ND	ND
PCB 103	6.21	ND	ND	6.57	ND	ND	2.62
PCB 104	1.69	ND	ND	1.36	ND	ND	0.752
PCB 105	75	ND	ND	41.6	ND	ND	38.2
PCB 106	<0.053	ND	ND	<0.058	ND	ND	<0.042
PCB 107	17.2	ND	ND	10.2	ND	ND	7.99
PCB 107 & 124	ND	ND	ND	ND	ND	ND	ND
PCB 108 & 124	6.23	ND	ND	3.47	ND	ND	3.02
PCB 109	ND	ND	ND	ND	ND	ND	ND
PCB 110 & 115	271	ND	ND	189	ND	ND	128
PCB 111	0.373	ND	ND	0.296	ND	ND	0.206
PCB 112	<0.013	ND	ND	<0.017	ND	ND	<0.017
PCB 114	4.06	ND	ND	1.9	ND	ND	1.73
PCB 118	170	ND	ND	135	ND	ND	86.5
PCB 120	1.1	ND	ND	1.08	ND	ND	0.47
PCB 121	0.475	ND	ND	0.423	ND	ND	0.247
PCB 122	2.64	ND	ND	1.31	ND	ND	1.23
PCB 123	2.6	ND	ND	1.79	ND	ND	1.14
PCB 126	0.852	ND	ND	<0.28	ND	ND	<0.27
PCB 127	0.183	ND	ND	0.155	ND	ND	0.105
PCB 128 & 166	37.1	ND	ND	24.5	ND	ND	20.5
PCB 129 & 138 & 163	296	ND	ND	203	ND	ND	166
PCB 130	15.5	ND	ND	10.9	ND	ND	8.21
PCB 131	2.79	ND	ND	1.45	ND	ND	1.31
PCB 132	81.3	ND	ND	46.8	ND	ND	43
PCB 133	11.4	ND	ND	5.99	ND	ND	3.87
PCB 134 & 143	10.6	ND	ND	5.46	ND	ND	5.16
PCB 135 & 151	120	ND	ND	82.2	ND	ND	59.6
PCB 136	37.4	ND	ND	26.4	ND	ND	18.3
PCB 137	8.84	ND	ND	5.18	ND	ND	4.79

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-01_P	SD-CC04-02_S	SD-CC04-03_P	SD-CC04-05_P	SD-CC04-07_P	SD-CC04-08_P	SD-CC04-09_P
PCBs (µg/kg DW; cont.)							
PCB 139 & 140	4.62	ND	ND	2.79	ND	ND	2.03
PCB 141	52.6	ND	ND	28.3	ND	ND	27.1
PCB 142	<0.1	ND	ND	<0.16	ND	ND	<0.11
PCB 144	11.6	ND	ND	5.67	ND	ND	5.79
PCB 145	0.137	ND	ND	<0.052	ND	ND	0.074
PCB 146	63.1	ND	ND	34.6	ND	ND	24
PCB 147 & 149	214	ND	ND	172	ND	ND	114
PCB 148	4.34	ND	ND	2.22	ND	ND	1.16
PCB 150	1.64	ND	ND	2.09	ND	ND	0.67
PCB 152	1.2	ND	ND	0.858	ND	ND	0.59
PCB 153 & 168	230	ND	ND	191	ND	ND	122
PCB 154	15.4	ND	ND	12.1	ND	ND	4.3
PCB 155	0.394	ND	ND	0.442	ND	ND	0.161
PCB 156 & 157	37.3	ND	ND	22.7	ND	ND	18
PCB 158	26.1	ND	ND	15.3	ND	ND	13.4
PCB 159	2.7	ND	ND	1.73	ND	ND	1.36
PCB 160	<0.078	ND	ND	<0.12	ND	ND	<0.086
PCB 161	<0.073	ND	ND	<0.12	ND	ND	<0.081
PCB 162	2.89	ND	ND	0.286	ND	ND	0.231
PCB 164	18.8	ND	ND	12.9	ND	ND	9.91
PCB 165	1.15	ND	ND	0.9	ND	ND	0.544
PCB 167	9.01	ND	ND	6.36	ND	ND	5.26
PCB 169	0.356	ND	ND	0.386	ND	ND	<0.038
PCB 170	70.2	ND	ND	51.3	ND	ND	35
PCB 171 & 173	22.8	ND	ND	16.4	ND	ND	11.4
PCB 172	16	ND	ND	9.85	ND	ND	6.88
PCB 174	88.2	ND	ND	57.8	ND	ND	43.4
PCB 175	3.79	ND	ND	2.08	ND	ND	1.47
PCB 176	12.1	ND	ND	6.98	ND	ND	4.96
PCB 177	64	ND	ND	42.1	ND	ND	29.1
PCB 178	38.3	ND	ND	19.1	ND	ND	12.3
PCB 179	51.4	ND	ND	29.2	ND	ND	20.7

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-01_P	SD-CC04-02_S	SD-CC04-03_P	SD-CC04-05_P	SD-CC04-07_P	SD-CC04-08_P	SD-CC04-09_P
PCBs (µg/kg DW; cont.)							
PCB 180 & 193	197	ND	ND	128	ND	ND	91.4
PCB 181	0.663	ND	ND	0.485	ND	ND	0.327
PCB 182	2.04	ND	ND	0.496	ND	ND	0.277
PCB 183	52.6	ND	ND	31.5	ND	ND	22.6
PCB 184	0.143	ND	ND	0.093	ND	ND	0.0321
PCB 185	<0.041	ND	ND	<0.032	ND	ND	<0.035
PCB 186	0.041	ND	ND	0.019	ND	ND	<0.0077
PCB 187	176	ND	ND	94.4	ND	ND	64.1
PCB 188	1.11	ND	ND	0.765	ND	ND	0.267
PCB 189	3.11	ND	ND	2.63	ND	ND	1.58
PCB 190	16.9	ND	ND	12.7	ND	ND	8.86
PCB 191	2.74	ND	ND	1.82	ND	ND	1.39
PCB 192	<0.034	ND	ND	<0.026	ND	ND	<0.028
PCB 194	91.8	ND	ND	43.2	ND	ND	26
PCB 195	27.1	ND	ND	14.7	ND	ND	9.66
PCB 196	42.6	ND	ND	18.5	ND	ND	12.7
PCB 197	2.53	ND	ND	0.702	ND	ND	0.548
PCB 198 & 199	125	ND	ND	60.7	ND	ND	41.5
PCB 200	15.6	ND	ND	7.36	ND	ND	5.3
PCB 201	16.7	ND	ND	6.32	ND	ND	4.46
PCB 202	38.8	ND	ND	19.7	ND	ND	12.1
PCB 203	76.7	ND	ND	36.7	ND	ND	24.4
PCB 204	0.045	ND	ND	0.043	ND	ND	0.025
PCB 205	4.23	ND	ND	2.04	ND	ND	1.4
PCB 206	118	ND	ND	81.5	ND	ND	44.5
PCB 207	12.8	ND	ND	6.86	ND	ND	4.01
PCB 208	33.5	ND	ND	28.7	ND	ND	19
PCB 209	68	ND	ND	74.3	ND	ND	43.4
Total PCBs - Homologs	4710	ND	ND	3080	ND	ND	2030
Dioxins and Furans (µg/kg DW)							
Total TCDD	0.00478	ND	ND	0.0101	ND	ND	0.0055

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-01_P	SD-CC04-02_S	SD-CC04-03_P	SD-CC04-05_P	SD-CC04-07_P	SD-CC04-08_P	SD-CC04-09_P
Dioxins and Furans (µg/kg DW; cont.)							
2,3,7,8-TCDD	<0.000234	ND	ND	0.000299	ND	ND	<0.0001
Total PeCDD	0.0062	ND	ND	0.00932	ND	ND	0.00606
1,2,3,7,8-PeCDD	<0.00067	ND	ND	0.000865	ND	ND	0.000418
Total HxCDD	0.0229	ND	ND	0.031	ND	ND	0.0165
1,2,3,4,7,8-HxCDD	0.0008	ND	ND	0.00123	ND	ND	0.000516
1,2,3,6,7,8-HxCDD	0.00221	ND	ND	0.00299	ND	ND	0.00152
1,2,3,7,8,9-HxCDD	0.00295	ND	ND	0.00391	ND	ND	0.00196
Total HpCDD	0.139	ND	ND	0.21	ND	ND	0.0983
1,2,3,4,6,7,8-HpCDD	0.056	ND	ND	0.0921	ND	ND	0.041
Total OCDD	0.813	ND	ND	2.24	ND	ND	0.988
Total TCDF	0.0948	ND	ND	0.389	ND	ND	0.0452
2,3,7,8-TCDF	0.00647	ND	ND	0.0377	ND	ND	0.00558
Total PeCDF	0.0923	ND	ND	0.233	ND	ND	0.0619
1,2,3,7,8-PeCDF	0.00398	ND	ND	0.0101	ND	ND	0.00314
2,3,4,7,8-PeCDF	0.0106	ND	ND	0.0202	ND	ND	0.00728
Total HxCDF	0.0604	ND	ND	0.0958	ND	ND	0.0432
1,2,3,4,7,8-HxCDF	0.0216	ND	ND	0.0281	ND	ND	0.0163
1,2,3,6,7,8-HxCDF	0.00491	ND	ND	0.00855	ND	ND	0.00367
1,2,3,7,8,9-HxCDF	0.000406	ND	ND	0.000778	ND	ND	0.000395
2,3,4,6,7,8-HxCDF	0.00274	ND	ND	0.00403	ND	ND	0.00191
Total HpCDF	0.0541	ND	ND	0.0861	ND	ND	0.0396
1,2,3,4,6,7,8-HpCDF	0.0251	ND	ND	0.0418	ND	ND	0.0183
1,2,3,4,7,8,9-HpCDF	0.00544	ND	ND	0.00622	ND	ND	0.00413
Total OCDF	0.0523	ND	ND	0.0717	ND	ND	0.0413
Mean Quotients							
Mean PEC-Q_{METALS}	0.1226	0.125	0.1143	0.1815	0.09348	0.1174	0.1088

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-10_P	SD-CC04-11_P	SD-CC04-14_P	SD-CC04-15_P	SD-CC04-19_S	SD-CC04-21_S	SD-CC04-23_P
Conventionals							
Clay (%)	0.7	1.8	13.9	7.6	3.5	3.6	0.7
Silt (%)	4.6	5.2	73.8	38.7	13.7	12.7	3.4
Fines (silt+clay; %)	5.3	7	87.7	46.3	17.2	16.3	4.1
Gravel (%)	0.1	0	0	0	0.2	0	0
Sand (%)	94.6	93	12.3	53.7	82.6	83.7	95.9
Solids (%)	84	84.4	36.8	61.5	67.3	74.8	83.9
Phosphorus (mg/kg)	332	228	762	544	208	387	231
Total Organic Carbon (%)	0.37	0.3	3.6	2.3	0.72	0.5	0.16
Metals (mg/kg DW)							
Aluminum	2510	2380	15800	7430	4340	4080	2280
Antimony	<0.100	0.144	<0.100	<0.100	<0.25	<0.25	0.123
Arsenic	1.81	1.4	4.47	3.23	1.25	2.2	1.5
Barium	43.8	38.1	148	88.9	46.6	57.9	42.7
Beryllium	0.442	0.446	1.1	0.642	0.25	0.417	0.368
Cadmium	<0.100	<0.100	0.361	0.243	<0.25	<0.25	<0.100
Calcium	2050	1630	1630	2320	513	1580	1680
Chromium	14.3	11.6	24.6	13.7	5.93	11.9	9.81
Cobalt	6.09	4.2	14.5	8.62	3.67	5.6	5.42
Copper	8.38	5.76	40.6	24.6	9.62	10.5	6.41
Iron	10800	8270	24500	15600	8250	13000	8400
Lead	11.6	13.3	42.2	29.5	10.7	15.8	9.17
Magnesium	707	670	1590	1370	671	876	704
Manganese	551	351	510	592	118	461	368
Mercury	ND	ND	ND	ND	0.363	0.989	ND
Molybdenum	0.252	0.164	0.442	0.297	<0.25	<0.25	0.146
Nickel	6.72	4.4	15.6	8.73	4.75	6.2	5.12
Potassium	261	235	1120	610	379	368	238
Selenium	0.108	0.118	0.796	0.531	<0.25	0.314	0.156
Silver	<0.100	<0.100	0.319	<0.100	<0.25	<0.25	<0.100
Sodium	27.1	27.4	49.3	32.2	17	27	26.9
Thallium	<0.100	<0.100	0.253	0.122	<0.25	<0.25	<0.100

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-10_P	SD-CC04-11_P	SD-CC04-14_P	SD-CC04-15_P	SD-CC04-19_S	SD-CC04-21_S	SD-CC04-23_P
Metals (mg/kg DW; cont.)							
Vanadium	7.09	5.86	25.5	12.9	6.38	7.42	5.57
Zinc	38.2	29.9	139	90.1	46.3	56.4	34.3
Polychlorinated Biphenyls (PCBs; µg/kg DW)							
Aroclor 1016	<2.43	<2.37	<5.55	<3.35	<1.48	<1.33	<2.43
Aroclor 1221	<2.53	<2.47	<5.79	<3.50	<1.48	<1.33	<2.54
Aroclor 1232	<2.53	<2.47	<5.79	<3.50	<1.48	<1.33	<2.54
Aroclor 1242	<2.53	<2.47	<5.79	<3.50	<1.48	<1.33	<2.54
Aroclor 1248	371	131	694	653	161	625	350
Aroclor 1254	355	162	817	721	266	906	354
Aroclor 1260	304	126	626	508	145	502	254
Total PCBs - Aroclors	1035	423.9	2148	1889	575	2040	963
PCB 001	ND	6.685	ND	53.8	ND	38	ND
PCB 002	ND	0.1985	ND	1.88	ND	2.6	ND
PCB 003	ND	4.61	ND	24.6	ND	30	ND
PCB 004	ND	5.555	ND	65.9	ND	30	ND
PCB 005	ND	<0.0071	ND	<0.16	ND	0.61	ND
PCB 006	ND	0.902	ND	9.38	ND	9.1	ND
PCB 007	ND	0.152	ND	1.46	ND	1.7	ND
PCB 008	ND	3.83	ND	33.7	ND	32	ND
PCB 009	ND	0.1151	ND	1.2	ND	1.4	ND
PCB 010	ND	0.2265	ND	4.08	ND	2	ND
PCB 011	ND	0.1098	ND	<0.73	ND	1.5	ND
PCB 012 & 013	ND	0.7565	ND	4.74	ND	7	ND
PCB 014	ND	<0.0034	ND	<0.14	ND	<0.31	ND
PCB 015	ND	8.15	ND	63.2	ND	75	ND
PCB 016	ND	0.3935	ND	3.07	ND	3.1	ND
PCB 017	ND	3.085	ND	24.3	ND	17	ND
PCB 018 & 030	ND	1.63	ND	13.8	ND	13	ND
PCB 019	ND	2.58	ND	24.8	ND	16	ND
PCB 020 & 028	ND	4.74	ND	44.4	ND	64	ND

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-10_P	SD-CC04-11_P	SD-CC04-14_P	SD-CC04-15_P	SD-CC04-19_S	SD-CC04-21_S	SD-CC04-23_P
PCBs (µg/kg DW; cont.)							
PCB 021 & 033	ND	0.6515	ND	6.08	ND	5.9	ND
PCB 022	ND	0.8845	ND	7.09	ND	9.3	ND
PCB 023	ND	<0.000895	ND	<0.048	ND	<0.66	ND
PCB 024	ND	<0.0015	ND	0.089	ND	<0.017	ND
PCB 025	ND	1.67	ND	11.1	ND	16	ND
PCB 026 & 029	ND	2.31	ND	14.2	ND	20	ND
PCB 027	ND	1.115	ND	8.99	ND	6.9	ND
PCB 031	ND	3.635	ND	28.1	ND	37	ND
PCB 032	ND	2.27	ND	20.3	ND	11	ND
PCB 034	ND	0.06475	ND	0.555	ND	<0.69	ND
PCB 035	ND	0.06565	ND	0.542	ND	0.95	ND
PCB 036	ND	<0.000805	ND	<0.044	ND	2.3	ND
PCB 037	ND	2.275	ND	18.8	ND	29	ND
PCB 038	ND	0.003025	ND	<0.093	ND	<0.75	ND
PCB 039	ND	0.0379	ND	0.281	ND	<0.7	ND
PCB 040 & 041 & 071	ND	3.175	ND	38.9	ND	ND	ND
PCB 040 & 071	ND	ND	ND	ND	ND	28	ND
PCB 041	ND	ND	ND	ND	ND	1.4	ND
PCB 042	ND	2.16	ND	25.2	ND	21	ND
PCB 043	ND	<0.00102	ND	1.39	ND	1.5	ND
PCB 044 & 047 & 065	ND	11.4	ND	130	ND	95	ND
PCB 045	ND	ND	ND	ND	ND	3.6	ND
PCB 045 & 051	ND	2.455	ND	28.3	ND	ND	ND
PCB 046	ND	0.2615	ND	3.43	ND	2	ND
PCB 048	ND	0.3135	ND	4	ND	4.3	ND
PCB 049 & 069	ND	8.665	ND	93.8	ND	72	ND
PCB 050 & 053	ND	2.38	ND	25.6	ND	17	ND
PCB 051	ND	ND	ND	ND	ND	9.4	ND
PCB 052	ND	11.75	ND	117	ND	110	ND
PCB 054	ND	0.6135	ND	6.55	ND	3.5	ND
PCB 055	ND	<0.000845	ND	<0.049	ND	<0.37	ND
PCB 056	ND	2.46	ND	27.3	ND	29	ND

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-10_P	SD-CC04-11_P	SD-CC04-14_P	SD-CC04-15_P	SD-CC04-19_S	SD-CC04-21_S	SD-CC04-23_P
PCBs (µg/kg DW; cont.)							
PCB 057	ND	0.07415	ND	0.668	ND	0.7	ND
PCB 058	ND	<0.000845	ND	3.26	ND	<0.37	ND
PCB 059 & 062 & 075	ND	0.6525	ND	7.67	ND	7.2	ND
PCB 060	ND	0.8055	ND	8.44	ND	9.1	ND
PCB 061 & 070 & 074 & 076	ND	7.785	ND	87.7	ND	94	ND
PCB 063	ND	0.339	ND	3.66	ND	3.4	ND
PCB 064	ND	3.315	ND	36.6	ND	28	ND
PCB 066	ND	6.995	ND	79.3	ND	100	ND
PCB 067	ND	0.1875	ND	1.83	ND	1.6	ND
PCB 068	ND	0.3085	ND	2.7	ND	1.5	ND
PCB 072	ND	0.2685	ND	2.49	ND	1.8	ND
PCB 073	ND	0.07085	ND	<0.013	ND	1.2	ND
PCB 077	ND	1.325	ND	11.8	ND	17	ND
PCB 078	ND	<0.00085	ND	<0.05	ND	<0.42	ND
PCB 079	ND	0.05775	ND	0.949	ND	1.4	ND
PCB 080	ND	<0.00078	ND	<0.044	ND	<0.35	ND
PCB 081	ND	0.02925	ND	0.308	ND	<0.4	ND
PCB 082	ND	1.175	ND	15	ND	13	ND
PCB 083	ND	ND	ND	ND	ND	4.5	ND
PCB 083 & 099	ND	7.475	ND	92.9	ND	ND	ND
PCB 084	ND	2.23	ND	28	ND	20	ND
PCB 085 & 116 & 117	ND	2.425	ND	27	ND	22	ND
PCB 086 & 087 & 097 & 108 & 119 & 125	ND	ND	ND	ND	ND	67	ND
PCB 086 & 087 & 097 & 109 & 119 & 125	ND	6.955	ND	88.6	ND	ND	ND
PCB 088 & 091	ND	2.75	ND	30.8	ND	22	ND
PCB 089	ND	0.0956	ND	1.3	ND	<1.7	ND
PCB 090 & 101 & 113	ND	11.45	ND	146	ND	110	ND
PCB 092	ND	2.755	ND	33.6	ND	28	ND
PCB 093 & 098 & 100 & 102	ND	1.825	ND	19.1	ND	ND	ND
PCB 093 & 100	ND	ND	ND	ND	ND	5.4	ND
PCB 094	ND	0.3005	ND	3.5	ND	<1.6	ND
PCB 095	ND	7.215	ND	95	ND	47	ND

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-10_P	SD-CC04-11_P	SD-CC04-14_P	SD-CC04-15_P	SD-CC04-19_S	SD-CC04-21_S	SD-CC04-23_P
PCBs (µg/kg DW; cont.)							
PCB 096	ND	0.2025	ND	2.04	ND	1.5	ND
PCB 098 & 102	ND	ND	ND	ND	ND	4.6	ND
PCB 099	ND	ND	ND	ND	ND	71	ND
PCB 103	ND	0.4495	ND	4.55	ND	2.3	ND
PCB 104	ND	0.12	ND	1.21	ND	0.75	ND
PCB 105	ND	5.13	ND	51.8	ND	51	ND
PCB 106	ND	<0.000815	ND	<0.038	ND	<1.4	ND
PCB 107	ND	1.0265	ND	11.5	ND	ND	ND
PCB 107 & 124	ND	ND	ND	ND	ND	3.6	ND
PCB 108 & 124	ND	0.367	ND	4.24	ND	ND	ND
PCB 109	ND	ND	ND	ND	ND	11	ND
PCB 110 & 115	ND	14.45	ND	184	ND	130	ND
PCB 111	ND	0.0324	ND	0.285	ND	<1.1	ND
PCB 112	ND	<0.000345	ND	<0.015	ND	<1.1	ND
PCB 114	ND	0.2445	ND	2.53	ND	1.8	ND
PCB 118	ND	11.4	ND	118	ND	110	ND
PCB 120	ND	0.0744	ND	0.703	ND	<1.2	ND
PCB 121	ND	0.04265	ND	0.366	ND	<1.1	ND
PCB 122	ND	0.153	ND	1.72	ND	<1.4	ND
PCB 123	ND	0.1635	ND	1.79	ND	1.8	ND
PCB 126	ND	0.03475	ND	0.502	ND	1.6	ND
PCB 127	ND	0.011175	ND	0.121	ND	<1.4	ND
PCB 128 & 166	ND	2.56	ND	24.1	ND	22	ND
PCB 129 & 138 & 163	ND	20.35	ND	204	ND	150	ND
PCB 130	ND	1.09	ND	10.5	ND	9.8	ND
PCB 131	ND	0.154	ND	1.72	ND	1.2	ND
PCB 132	ND	5.295	ND	53.8	ND	41	ND
PCB 133	ND	0.5945	ND	5.07	ND	4.9	ND
PCB 134 & 143	ND	0.7545	ND	6.71	ND	<1.1	ND
PCB 135 & 151	ND	7.555	ND	76.8	ND	56	ND
PCB 136	ND	2.385	ND	24.5	ND	17	ND
PCB 137	ND	0.4975	ND	5.56	ND	4.6	ND

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-10_P	SD-CC04-11_P	SD-CC04-14_P	SD-CC04-15_P	SD-CC04-19_S	SD-CC04-21_S	SD-CC04-23_P
PCBs (µg/kg DW; cont.)							
PCB 139 & 140	ND	0.2955	ND	2.62	ND	1.8	ND
PCB 141	ND	3.135	ND	34	ND	23	ND
PCB 142	ND	<0.0014	ND	<0.11	ND	<1.1	ND
PCB 144	ND	0.684	ND	7.21	ND	4.8	ND
PCB 145	ND	0.00702	ND	0.073	ND	<0.68	ND
PCB 146	ND	3.445	ND	30.4	ND	31	ND
PCB 147 & 149	ND	14.6	ND	149	ND	120	ND
PCB 148	ND	0.191	ND	1.6	ND	1.3	ND
PCB 150	ND	0.12	ND	0.873	ND	<0.63	ND
PCB 152	ND	0.0856	ND	0.801	ND	<0.65	ND
PCB 153 & 168	ND	15.1	ND	155	ND	120	ND
PCB 154	ND	0.6935	ND	5.74	ND	5	ND
PCB 155	ND	0.02865	ND	0.226	ND	<0.76	ND
PCB 156 & 157	ND	2.255	ND	22.8	ND	20	ND
PCB 158	ND	1.63	ND	16.5	ND	14	ND
PCB 159	ND	0.1715	ND	1.53	ND	0.31	ND
PCB 160	ND	<0.00105	ND	<0.084	ND	<0.83	ND
PCB 161	ND	<0.00089	ND	<0.078	ND	<0.73	ND
PCB 162	ND	0.0365	ND	0.258	ND	0.34	ND
PCB 164	ND	1.275	ND	12.4	ND	10	ND
PCB 165	ND	0.10445	ND	0.774	ND	<0.84	ND
PCB 167	ND	0.677	ND	6.3	ND	6.1	ND
PCB 169	ND	<0.000835	ND	<0.18	ND	<0.13	ND
PCB 170	ND	4.855	ND	45.9	ND	42	ND
PCB 171 & 173	ND	1.54	ND	14.5	ND	15	ND
PCB 172	ND	0.91	ND	8.47	ND	9.7	ND
PCB 174	ND	5.46	ND	55.1	ND	58	ND
PCB 175	ND	0.215	ND	1.97	ND	2.1	ND
PCB 176	ND	0.7195	ND	6.8	ND	5.9	ND
PCB 177	ND	3.94	ND	37	ND	41	ND
PCB 178	ND	1.85	ND	16.7	ND	18	ND
PCB 179	ND	2.9	ND	27.6	ND	27	ND

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-10_P	SD-CC04-11_P	SD-CC04-14_P	SD-CC04-15_P	SD-CC04-19_S	SD-CC04-21_S	SD-CC04-23_P
PCBs (µg/kg DW; cont.)							
PCB 180 & 193	ND	12.35	ND	105	ND	82	ND
PCB 181	ND	0.044	ND	0.398	ND	0.43	ND
PCB 182	ND	0.0435	ND	0.374	ND	0.35	ND
PCB 183	ND	3.135	ND	29.7	ND	28	ND
PCB 184	ND	0.006055	ND	0.047	ND	<0.023	ND
PCB 185	ND	<0.00175	ND	<0.023	ND	7	ND
PCB 186	ND	<0.000445	ND	<0.013	ND	<0.022	ND
PCB 187	ND	8.92	ND	82.6	ND	85	ND
PCB 188	ND	0.04825	ND	0.394	ND	0.39	ND
PCB 189	ND	0.2345	ND	1.99	ND	2.2	ND
PCB 190	ND	1.2	ND	10.8	ND	13	ND
PCB 191	ND	0.1745	ND	1.57	ND	2.1	ND
PCB 192	ND	<0.0012	ND	<0.019	ND	<0.086	ND
PCB 194	ND	3.475	ND	34.1	ND	31	ND
PCB 195	ND	1.425	ND	12	ND	12	ND
PCB 196	ND	1.935	ND	15.3	ND	18	ND
PCB 197	ND	0.1058	ND	0.916	ND	0.7	ND
PCB 198 & 199	ND	5.875	ND	47.8	ND	59	ND
PCB 200	ND	0.6225	ND	6.11	ND	4.6	ND
PCB 201	ND	0.6955	ND	5.48	ND	5.9	ND
PCB 202	ND	1.735	ND	15.4	ND	14	ND
PCB 203	ND	3.65	ND	29.2	ND	33	ND
PCB 204	ND	0.00345	ND	0.042	ND	<0.044	ND
PCB 205	ND	0.2005	ND	1.63	ND	1.9	ND
PCB 206	ND	7.34	ND	52.3	ND	64	ND
PCB 207	ND	0.746	ND	6.2	ND	5.3	ND
PCB 208	ND	2.65	ND	19.3	ND	23	ND
PCB 209	ND	7.255	ND	58.2	ND	55	ND
Total PCBs - Homologs	ND	271	ND	2680	ND	2400	ND
Dioxins and Furans (µg/kg DW)							
Total TCDD	ND	0.001425	ND	0.00786	ND	0.00907	ND

Table 5. Sediment chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC04-10_P	SD-CC04-11_P	SD-CC04-14_P	SD-CC04-15_P	SD-CC04-19_S	SD-CC04-21_S	SD-CC04-23_P
Dioxins and Furans (µg/kg DW; cont.)							
2,3,7,8-TCDD	ND	<0.000104	ND	<0.000191	ND	0.00305	ND
Total PeCDD	ND	0.00018725	ND	0.00819	ND	0.00806	ND
1,2,3,7,8-PeCDD	ND	<0.00010425	ND	0.000683	ND	0.000661	ND
Total HxCDD	ND	0.00355	ND	0.0273	ND	0.0456	ND
1,2,3,4,7,8-HxCDD	ND	0.000158	ND	0.00101	ND	0.00148	ND
1,2,3,6,7,8-HxCDD	ND	0.000418	ND	0.00271	ND	0.0035	ND
1,2,3,7,8,9-HxCDD	ND	0.0003805	ND	0.00327	ND	0.00489	ND
Total HpCDD	ND	0.0205	ND	0.188	ND	0.244	ND
1,2,3,4,6,7,8-HpCDD	ND	0.009135	ND	0.0783	ND	0.105	ND
Total OCDD	ND	0.18	ND	1.46	ND	2.13	ND
Total TCDF	ND	0.01245	ND	0.0769	ND	0.105	ND
2,3,7,8-TCDF	ND	0.0015	ND	0.0144	ND	0.0285	ND
Total PeCDF	ND	0.01255	ND	0.12	ND	0.152	ND
1,2,3,7,8-PeCDF	ND	0.000668	ND	0.00537	ND	0.00776	ND
2,3,4,7,8-PeCDF	ND	0.001525	ND	0.0121	ND	0.0151	ND
Total HxCDF	ND	0.00873	ND	0.0697	ND	0.0861	ND
1,2,3,4,7,8-HxCDF	ND	0.00307	ND	0.023	ND	0.0241	ND
1,2,3,6,7,8-HxCDF	ND	0.000842	ND	0.00612	ND	0.00683	ND
1,2,3,7,8,9-HxCDF	ND	<0.000109	ND	0.000604	ND	0.000558	ND
2,3,4,6,7,8-HxCDF	ND	0.0004045	ND	0.00306	ND	0.00351	ND
Total HpCDF	ND	0.00946	ND	0.0652	ND	0.0821	ND
1,2,3,4,6,7,8-HpCDF	ND	0.004505	ND	0.0321	ND	0.0388	ND
1,2,3,4,7,8,9-HpCDF	ND	0.000891	ND	0.00614	ND	0.00646	ND
Total OCDF	ND	0.00709	ND	0.0626	ND	0.0598	ND
Mean Quotients							
Mean PEC-Q_{METALS}	0.0803	0.06503	0.2365	0.1488	0.0662	0.0919	0.06266

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 6. Sediment chemistry data for sampling sites located in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SD-CC05-01_P	SD-CC05-02_P	SD-CC05-04_P	SD-CC05-05_P	SD-CC05-06_S
Conventionals					
Clay (%)	2.2	1.1	1.1	2.2	3.9
Silt (%)	10.1	2	2	6.7	0.5
Fines (silt+clay; %)	12.3	3.1	3.1	8.9	4.4
Gravel (%)	0	0	0	0	0
Sand (%)	87.7	96.9	96.9	91.1	95.6
Solids (%)	76.8	84	81.9	81	74.6
Phosphorus (mg/kg)	159	171	138	183	227
Total Organic Carbon (%)	0.52	0.15	0.12	0.52	0.13
Metals (mg/kg DW)					
Aluminum	2150	1720	1850	2130	2020
Antimony	<0.100	<0.100	<0.100	<0.100	<0.25
Arsenic	1.15	0.945	1.96	0.884	1.25
Barium	29.1	31.8	14.3	26.7	33.8
Beryllium	0.277	0.282	0.227	0.254	<0.25
Cadmium	<0.100	<0.100	<0.100	0.122	<0.25
Calcium	1230	1390	347	816	1250
Chromium	8.27	9.74	5.24	7.1	8.67
Cobalt	3.23	3.44	3.19	3.14	3.38
Copper	4.54	4.38	2.77	4.92	3.89
Iron	5950	5450	7260	5400	6700
Lead	29.8	32.2	7.83	19.5	17.8
Magnesium	565	564	479	499	524
Manganese	198	331	118	136	400
Mercury	ND	ND	0.127	ND	0.895
Molybdenum	0.133	0.119	0.145	0.114	<0.25
Nickel	3.28	3.49	3.47	3.39	4.85
Potassium	215	174	130	212	202
Selenium	0.119	<0.100	0.111	0.12	<0.25
Silver	<0.100	<0.100	<0.100	<0.100	<0.25
Sodium	25.7	23.8	11.5	18	22.7
Thallium	<0.100	<0.100	<0.100	<0.100	<0.25

Table 6. Sediment chemistry data for sampling sites located in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SD-CC05-01_P	SD-CC05-02_P	SD-CC05-04_P	SD-CC05-05_P	SD-CC05-06_S
Metals (mg/kg DW; cont.)					
Vanadium	4.45	3.99	3.39	3.94	4.14
Zinc	24.9	22.6	25.9	29.9	32.6
Polychlorinated Biphenyls (PCBs; µg/kg DW)					
Aroclor 1016	<2.65	<2.45	<2.48	<2.50	<1.34
Aroclor 1221	<2.77	<2.56	<2.59	<2.61	<1.34
Aroclor 1232	<2.77	<2.56	<2.59	<2.61	<1.34
Aroclor 1242	<2.77	<2.56	<2.59	<2.61	<1.34
Aroclor 1248	86.3	83.7	25.1	127	251
Aroclor 1254	107	79.3	39.8	125	325
Aroclor 1260	94.2	44.2	35.3	105	156
Total PCBs - Aroclors	293	212.3	105.3	362.2	735
PCB 001	ND	13.6	ND	ND	ND
PCB 002	ND	0.562	ND	ND	ND
PCB 003	ND	6.37	ND	ND	ND
PCB 004	ND	12.9	ND	ND	ND
PCB 005	ND	<0.005	ND	ND	ND
PCB 006	ND	2.49	ND	ND	ND
PCB 007	ND	0.492	ND	ND	ND
PCB 008	ND	7.51	ND	ND	ND
PCB 009	ND	0.377	ND	ND	ND
PCB 010	ND	0.382	ND	ND	ND
PCB 011	ND	0.164	ND	ND	ND
PCB 012 & 013	ND	1.22	ND	ND	ND
PCB 014	ND	<0.0046	ND	ND	ND
PCB 015	ND	12.8	ND	ND	ND
PCB 016	ND	0.722	ND	ND	ND
PCB 017	ND	3.9	ND	ND	ND
PCB 018 & 030	ND	2.49	ND	ND	ND
PCB 019	ND	2.63	ND	ND	ND
PCB 020 & 028	ND	7.02	ND	ND	ND

Table 6. Sediment chemistry data for sampling sites located in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SD-CC05-01_P	SD-CC05-02_P	SD-CC05-04_P	SD-CC05-05_P	SD-CC05-06_S
PCBs (µg/kg DW; cont.)					
PCB 021 & 033	ND	0.97	ND	ND	ND
PCB 022	ND	1.38	ND	ND	ND
PCB 023	ND	0.00213	ND	ND	ND
PCB 024	ND	<0.00064	ND	ND	ND
PCB 025	ND	2.11	ND	ND	ND
PCB 026 & 029	ND	3.04	ND	ND	ND
PCB 027	ND	1.18	ND	ND	ND
PCB 031	ND	4.92	ND	ND	ND
PCB 032	ND	3.31	ND	ND	ND
PCB 034	ND	0.0608	ND	ND	ND
PCB 035	ND	0.0705	ND	ND	ND
PCB 036	ND	<0.00073	ND	ND	ND
PCB 037	ND	2.46	ND	ND	ND
PCB 038	ND	<0.006	ND	ND	ND
PCB 039	ND	0.0362	ND	ND	ND
PCB 040 & 041 & 071	ND	5.27	ND	ND	ND
PCB 042	ND	4.01	ND	ND	ND
PCB 043	ND	<0.00045	ND	ND	ND
PCB 044 & 047 & 065	ND	16.3	ND	ND	ND
PCB 045 & 051	ND	2.66	ND	ND	ND
PCB 046	ND	0.398	ND	ND	ND
PCB 048	ND	0.361	ND	ND	ND
PCB 049 & 069	ND	12.7	ND	ND	ND
PCB 050 & 053	ND	2.93	ND	ND	ND
PCB 052	ND	18.2	ND	ND	ND
PCB 054	ND	0.5	ND	ND	ND
PCB 055	ND	<0.00052	ND	ND	ND
PCB 056	ND	4.73	ND	ND	ND
PCB 057	ND	<0.0005	ND	ND	ND
PCB 058	ND	<0.00051	ND	ND	ND
PCB 059 & 062 & 075	ND	1.06	ND	ND	ND
PCB 060	ND	1.41	ND	ND	ND

Table 6. Sediment chemistry data for sampling sites located in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SD-CC05-01_P	SD-CC05-02_P	SD-CC05-04_P	SD-CC05-05_P	SD-CC05-06_S
PCBs (µg/kg DW; cont.)					
PCB 061 & 070 & 074 & 076	ND	13.1	ND	ND	ND
PCB 063	ND	0.467	ND	ND	ND
PCB 064	ND	5.8	ND	ND	ND
PCB 066	ND	11.4	ND	ND	ND
PCB 067	ND	0.255	ND	ND	ND
PCB 068	ND	0.351	ND	ND	ND
PCB 072	ND	0.348	ND	ND	ND
PCB 073	ND	0.0693	ND	ND	ND
PCB 077	ND	1.42	ND	ND	ND
PCB 078	ND	<0.00053	ND	ND	ND
PCB 079	ND	0.0888	ND	ND	ND
PCB 080	ND	<0.00047	ND	ND	ND
PCB 081	ND	0.0359	ND	ND	ND
PCB 082	ND	1.88	ND	ND	ND
PCB 083 & 099	ND	10.5	ND	ND	ND
PCB 084	ND	3.5	ND	ND	ND
PCB 085 & 116 & 117	ND	3.16	ND	ND	ND
PCB 086 & 087 & 097 & 109 & 119 & 125	ND	9.97	ND	ND	ND
PCB 088 & 091	ND	3.53	ND	ND	ND
PCB 089	ND	0.205	ND	ND	ND
PCB 090 & 101 & 113	ND	15.6	ND	ND	ND
PCB 092	ND	3.3	ND	ND	ND
PCB 093 & 098 & 100 & 102	ND	2.23	ND	ND	ND
PCB 094	ND	0.261	ND	ND	ND
PCB 095	ND	10.2	ND	ND	ND
PCB 096	ND	0.261	ND	ND	ND
PCB 103	ND	0.474	ND	ND	ND
PCB 104	ND	0.0976	ND	ND	ND
PCB 105	ND	5.66	ND	ND	ND
PCB 106	ND	<0.0005	ND	ND	ND
PCB 107	ND	1.14	ND	ND	ND
PCB 108 & 124	ND	0.461	ND	ND	ND

Table 6. Sediment chemistry data for sampling sites located in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SD-CC05-01_P	SD-CC05-02_P	SD-CC05-04_P	SD-CC05-05_P	SD-CC05-06_S
PCBs (µg/kg DW; cont.)					
PCB 110 & 115	ND	18.2	ND	ND	ND
PCB 111	ND	0.0249	ND	ND	ND
PCB 112	ND	<0.00022	ND	ND	ND
PCB 114	ND	0.277	ND	ND	ND
PCB 118	ND	13.4	ND	ND	ND
PCB 120	ND	0.0771	ND	ND	ND
PCB 121	ND	0.0346	ND	ND	ND
PCB 122	ND	0.204	ND	ND	ND
PCB 123	ND	0.284	ND	ND	ND
PCB 126	ND	0.0237	ND	ND	ND
PCB 127	ND	0.012	ND	ND	ND
PCB 128 & 166	ND	2.36	ND	ND	ND
PCB 129 & 138 & 163	ND	20.1	ND	ND	ND
PCB 130	ND	1.08	ND	ND	ND
PCB 131	ND	0.202	ND	ND	ND
PCB 132	ND	5.82	ND	ND	ND
PCB 133	ND	0.476	ND	ND	ND
PCB 134 & 143	ND	0.859	ND	ND	ND
PCB 135 & 151	ND	8.44	ND	ND	ND
PCB 136	ND	2.88	ND	ND	ND
PCB 137	ND	0.523	ND	ND	ND
PCB 139 & 140	ND	0.324	ND	ND	ND
PCB 141	ND	3.69	ND	ND	ND
PCB 142	ND	0.0074	ND	ND	ND
PCB 144	ND	0.988	ND	ND	ND
PCB 145	ND	0.0132	ND	ND	ND
PCB 146	ND	3.57	ND	ND	ND
PCB 147 & 149	ND	17	ND	ND	ND
PCB 148	ND	0.144	ND	ND	ND
PCB 150	ND	0.098	ND	ND	ND
PCB 152	ND	0.0842	ND	ND	ND
PCB 153 & 168	ND	17.3	ND	ND	ND

Table 6. Sediment chemistry data for sampling sites located in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SD-CC05-01_P	SD-CC05-02_P	SD-CC05-04_P	SD-CC05-05_P	SD-CC05-06_S
PCBs (µg/kg DW; cont.)					
PCB 154	ND	0.633	ND	ND	ND
PCB 155	ND	0.0195	ND	ND	ND
PCB 156 & 157	ND	1.61	ND	ND	ND
PCB 158	ND	1.78	ND	ND	ND
PCB 159	ND	0.203	ND	ND	ND
PCB 160	ND	<0.001	ND	ND	ND
PCB 161	ND	<0.00086	ND	ND	ND
PCB 162	ND	0.0222	ND	ND	ND
PCB 164	ND	1.25	ND	ND	ND
PCB 165	ND	0.0798	ND	ND	ND
PCB 167	ND	0.526	ND	ND	ND
PCB 169	ND	<0.00048	ND	ND	ND
PCB 170	ND	4.21	ND	ND	ND
PCB 171 & 173	ND	1.48	ND	ND	ND
PCB 172	ND	0.838	ND	ND	ND
PCB 174	ND	5.52	ND	ND	ND
PCB 175	ND	0.233	ND	ND	ND
PCB 176	ND	0.834	ND	ND	ND
PCB 177	ND	3.57	ND	ND	ND
PCB 178	ND	1.68	ND	ND	ND
PCB 179	ND	2.99	ND	ND	ND
PCB 180 & 193	ND	11.7	ND	ND	ND
PCB 181	ND	0.0334	ND	ND	ND
PCB 182	ND	0.0289	ND	ND	ND
PCB 183	ND	3.43	ND	ND	ND
PCB 184	ND	0.00495	ND	ND	ND
PCB 185	ND	<0.0011	ND	ND	ND
PCB 186	ND	<0.0026	ND	ND	ND
PCB 187	ND	8.77	ND	ND	ND
PCB 188	ND	0.0329	ND	ND	ND
PCB 189	ND	0.178	ND	ND	ND
PCB 190	ND	1.06	ND	ND	ND

Table 6. Sediment chemistry data for sampling sites located in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SD-CC05-01_P	SD-CC05-02_P	SD-CC05-04_P	SD-CC05-05_P	SD-CC05-06_S
PCBs (µg/kg DW; cont.)					
PCB 191	ND	0.165	ND	ND	ND
PCB 192	ND	<0.00079	ND	ND	ND
PCB 194	ND	3.04	ND	ND	ND
PCB 195	ND	1.22	ND	ND	ND
PCB 196	ND	1.7	ND	ND	ND
PCB 197	ND	0.0686	ND	ND	ND
PCB 198 & 199	ND	4.71	ND	ND	ND
PCB 200	ND	0.621	ND	ND	ND
PCB 201	ND	0.614	ND	ND	ND
PCB 202	ND	1.47	ND	ND	ND
PCB 203	ND	3.01	ND	ND	ND
PCB 204	ND	<0.0014	ND	ND	ND
PCB 205	ND	0.161	ND	ND	ND
PCB 206	ND	3.67	ND	ND	ND
PCB 207	ND	0.375	ND	ND	ND
PCB 208	ND	1.27	ND	ND	ND
PCB 209	ND	1.79	ND	ND	ND
Total PCBs - Homologs	ND	300	ND	ND	ND
Dioxins and Furans (µg/kg DW)					
Total TCDD	ND	0.00118	ND	ND	ND
2,3,7,8-TCDD	ND	<0.000104	ND	ND	ND
Total PeCDD	ND	<0.000129	ND	ND	ND
1,2,3,7,8-PeCDD	ND	<0.0000923	ND	ND	ND
Total HxCDD	ND	0.00145	ND	ND	ND
1,2,3,4,7,8-HxCDD	ND	<0.0000856	ND	ND	ND
1,2,3,6,7,8-HxCDD	ND	<0.000195	ND	ND	ND
1,2,3,7,8,9-HxCDD	ND	0.000255	ND	ND	ND
Total HpCDD	ND	0.00937	ND	ND	ND
1,2,3,4,6,7,8-HpCDD	ND	0.00409	ND	ND	ND
Total OCDD	ND	0.0868	ND	ND	ND
Total TCDF	ND	0.00788	ND	ND	ND

Table 6. Sediment chemistry data for sampling sites located in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SD-CC05-01_P	SD-CC05-02_P	SD-CC05-04_P	SD-CC05-05_P	SD-CC05-06_S
Dioxins and Furans (µg/kg DW; cont.)					
2,3,7,8-TCDF	ND	0.00113	ND	ND	ND
Total PeCDF	ND	0.00624	ND	ND	ND
1,2,3,7,8-PeCDF	ND	0.000445	ND	ND	ND
2,3,4,7,8-PeCDF	ND	0.000933	ND	ND	ND
Total HxCDF	ND	0.00393	ND	ND	ND
1,2,3,4,7,8-HxCDF	ND	0.00144	ND	ND	ND
1,2,3,6,7,8-HxCDF	ND	0.000402	ND	ND	ND
1,2,3,7,8,9-HxCDF	ND	<0.0000924	ND	ND	ND
2,3,4,6,7,8-HxCDF	ND	0.000241	ND	ND	ND
Total HpCDF	ND	0.00381	ND	ND	ND
1,2,3,4,6,7,8-HpCDF	ND	0.00173	ND	ND	ND
1,2,3,4,7,8,9-HpCDF	ND	0.000397	ND	ND	ND
Total OCDF	ND	0.0035	ND	ND	ND
Mean Quotients					
Mean PEC-Q_{METALS}	0.07206	0.07549	0.04632	0.06222	0.0682

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 7. Sediment chemistry data for sampling sites located in Reach CC06 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]		
	SD-CC06-01_P	SD-CC06-02_P	SD-CC06-04_P
Conventionals			
Clay (%)	1.1	4.4	2.2
Silt (%)	4.6	11.9	5.6
Fines (silt+clay; %)	5.7	16.3	7.8
Gravel (%)	0	0	0
Sand (%)	94.3	83.7	92.2
Solids (%)	83.8	73.2	79
Phosphorus (mg/kg)	138	173	176
Total Organic Carbon (%)	0.2	1	0.39
Metals (mg/kg DW)			
Aluminum	1790	2410	2540
Antimony	0.228	<0.100	<0.100
Arsenic	1.32	1.38	1.8
Barium	21.2	25.1	25.8
Beryllium	0.201	0.269	0.28
Cadmium	<0.100	0.16	<0.100
Calcium	423	965	747
Chromium	6.08	9.52	7.85
Cobalt	3.27	4.53	4.12
Copper	3.25	6.99	4.68
Iron	4890	6830	6300
Lead	7.96	11.7	9.67
Magnesium	371	541	473
Manganese	132	165	171
Molybdenum	0.136	0.263	0.236
Nickel	3.23	4.55	6.33
Potassium	155	214	191
Selenium	0.121	0.104	0.12
Silver	0.15	<0.100	<0.100
Sodium	21	15.3	17.6
Thallium	<0.100	<0.100	<0.100
Vanadium	3.65	5.28	5.85

Table 7. Sediment chemistry data for sampling sites located in Reach CC06 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]		
	SD-CC06-01_P	SD-CC06-02_P	SD-CC06-04_P
Metals (mg/kg DW; cont.)			
Zinc	22.4	36.1	27.5
Polychlorinated Biphenyls (PCBs; µg/kg DW)			
Aroclor 1016	<2.47	<2.81	<2.53
Aroclor 1221	<2.57	<2.93	<2.64
Aroclor 1232	<2.57	<2.93	<2.64
Aroclor 1242	<2.57	<2.93	<2.64
Aroclor 1248	66.1	201	89.9
Aroclor 1254	88.5	201	108
Aroclor 1260	70.7	160	75.6
Total PCBs - Aroclors	230.4	567.8	278.7
Mean Quotients			
Mean PEC-Q_{METALS}	0.04344	0.06719	0.06177

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 8. Sediment chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]	
	SD-CC07-01_P	SD-CC07-02_P
Conventionals		
Clay (%)	8.3	10.3
Silt (%)	53.9	44.6
Fines (silt+clay; %)	62.2	54.9
Gravel (%)	0	0
Sand (%)	37.8	45.1
Solids (%)	52.6	41.8
Phosphorus (mg/kg)	550	663
Total Organic Carbon (%)	1.9	2.9
Metals (mg/kg DW)		
Aluminum	7350	8700
Antimony	<0.100	<0.100
Arsenic	3.08	3.59
Barium	88.9	113
Beryllium	0.63	0.738
Cadmium	0.381	0.448
Calcium	1940	2450
Chromium	16.6	16.5
Cobalt	8.91	10.4
Copper	18.5	23.6
Iron	15200	17400
Lead	20	30.3
Magnesium	1210	1510
Manganese	576	936
Mercury	0.973	1.12
Molybdenum	0.285	0.322
Nickel	8.28	9.48
Potassium	605	708
Selenium	0.432	0.601
Silver	<0.100	0.172
Sodium	31.7	44.4
Thallium	0.109	0.134

Table 8. Sediment chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]	
	SD-CC07-01_P	SD-CC07-02_P
Metals (mg/kg DW; cont.)		
Vanadium	11.9	13.7
Zinc	78.4	88.9
Polychlorinated Biphenyls (PCBs; µg/kg DW)		
Aroclor 1016	<3.86	<4.91
Aroclor 1221	<4.03	<5.12
Aroclor 1232	<4.03	<5.12
Aroclor 1242	<4.03	<5.12
Aroclor 1248	306	524
Aroclor 1254	454	674
Aroclor 1260	414	580
Total PCBs - Aroclors	1182	1788
PCB 001	205	ND
PCB 002	9.6	ND
PCB 003	88.7	ND
PCB 004	244	ND
PCB 005	4.43	ND
PCB 006	112	ND
PCB 007	17.4	ND
PCB 008	256	ND
PCB 009	22.3	ND
PCB 010	11.5	ND
PCB 011	4.35	ND
PCB 012 & 013	29.2	ND
PCB 014	<0.14	ND
PCB 015	246	ND
PCB 016	61.3	ND
PCB 017	106	ND
PCB 018 & 030	147	ND
PCB 019	46.4	ND
PCB 020 & 028	237	ND

Table 8. Sediment chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]	
	SD-CC07-01_P	SD-CC07-02_P
PCBs (µg/kg DW; cont.)		
PCB 021 & 033	60.8	ND
PCB 022	72	ND
PCB 023	<0.19	ND
PCB 024	1.23	ND
PCB 025	61.5	ND
PCB 026 & 029	91.3	ND
PCB 027	19.5	ND
PCB 031	187	ND
PCB 032	58.9	ND
PCB 034	1.79	ND
PCB 035	2.01	ND
PCB 036	<0.051	ND
PCB 037	51	ND
PCB 038	<0.087	ND
PCB 039	0.541	ND
PCB 040 & 041 & 071	48.5	ND
PCB 042	32.2	ND
PCB 043	3.39	ND
PCB 044 & 047 & 065	125	ND
PCB 045 & 051	25.4	ND
PCB 046	6.15	ND
PCB 048	9.82	ND
PCB 049 & 069	87.5	ND
PCB 050 & 053	23.5	ND
PCB 052	122	ND
PCB 054	3.96	ND
PCB 055	<0.074	ND
PCB 056	28.4	ND
PCB 057	1.09	ND
PCB 058	<0.071	ND
PCB 059 & 062 & 075	9.15	ND
PCB 060	9.07	ND

Table 8. Sediment chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]	
	SD-CC07-01_P	SD-CC07-02_P
PCBs (µg/kg DW; cont.)		
PCB 061 & 070 & 074 & 076	98.7	ND
PCB 063	3.61	ND
PCB 064	45.2	ND
PCB 066	66.6	ND
PCB 067	3.15	ND
PCB 068	1.74	ND
PCB 072	1.94	ND
PCB 073	<0.011	ND
PCB 077	8.38	ND
PCB 078	<0.075	ND
PCB 079	1.2	ND
PCB 080	<0.067	ND
PCB 081	0.197	ND
PCB 082	8.2	ND
PCB 083 & 099	51.6	ND
PCB 084	19.4	ND
PCB 085 & 116 & 117	14.9	ND
PCB 086 & 087 & 097 & 109 & 119 & 125	48.8	ND
PCB 088 & 091	17.6	ND
PCB 089	0.861	ND
PCB 090 & 101 & 113	81.5	ND
PCB 092	20.1	ND
PCB 093 & 098 & 100 & 102	9.72	ND
PCB 094	2.07	ND
PCB 095	62.2	ND
PCB 096	1.18	ND
PCB 103	2.55	ND
PCB 104	0.491	ND
PCB 105	30.9	ND
PCB 106	<0.028	ND
PCB 107	6.12	ND
PCB 108 & 124	2.13	ND

Table 8. Sediment chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]	
	SD-CC07-01_P	SD-CC07-02_P
PCBs (µg/kg DW; cont.)		
PCB 110 & 115	109	ND
PCB 111	0.194	ND
PCB 112	<0.014	ND
PCB 114	1.31	ND
PCB 118	70.6	ND
PCB 120	0.434	ND
PCB 121	0.212	ND
PCB 122	0.864	ND
PCB 123	0.925	ND
PCB 126	<0.17	ND
PCB 127	0.065	ND
PCB 128 & 166	14	ND
PCB 129 & 138 & 163	121	ND
PCB 130	6.01	ND
PCB 131	0.918	ND
PCB 132	31.2	ND
PCB 133	3.34	ND
PCB 134 & 143	3.88	ND
PCB 135 & 151	46.5	ND
PCB 136	14.4	ND
PCB 137	2.95	ND
PCB 139 & 140	1.5	ND
PCB 141	17.9	ND
PCB 142	<0.068	ND
PCB 144	3.87	ND
PCB 145	0.035	ND
PCB 146	18.2	ND
PCB 147 & 149	86.7	ND
PCB 148	1.01	ND
PCB 150	0.516	ND
PCB 152	0.465	ND
PCB 153 & 168	90	ND

Table 8. Sediment chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]	
	SD-CC07-01_P	SD-CC07-02_P
PCBs (µg/kg DW; cont.)		
PCB 154	3.45	ND
PCB 155	0.131	ND
PCB 156 & 157	11	ND
PCB 158	9.15	ND
PCB 159	0.886	ND
PCB 160	<0.051	ND
PCB 161	<0.048	ND
PCB 162	0.155	ND
PCB 164	6.81	ND
PCB 165	0.529	ND
PCB 167	3.38	ND
PCB 169	<0.036	ND
PCB 170	23.6	ND
PCB 171 & 173	7.97	ND
PCB 172	4.57	ND
PCB 174	30	ND
PCB 175	1.08	ND
PCB 176	3.7	ND
PCB 177	21.3	ND
PCB 178	9.85	ND
PCB 179	15.1	ND
PCB 180 & 193	61.7	ND
PCB 181	0.218	ND
PCB 182	0.216	ND
PCB 183	15.3	ND
PCB 184	0.047	ND
PCB 185	<0.028	ND
PCB 186	<0.014	ND
PCB 187	48	ND
PCB 188	0.214	ND
PCB 189	1.1	ND
PCB 190	6.07	ND

Table 8. Sediment chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]	
	SD-CC07-01_P	SD-CC07-02_P
PCBs (µg/kg DW; cont.)		
PCB 191	0.858	ND
PCB 192	<0.023	ND
PCB 194	18.8	ND
PCB 195	6.45	ND
PCB 196	7.89	ND
PCB 197	0.48	ND
PCB 198 & 199	25.8	ND
PCB 200	3.18	ND
PCB 201	2.82	ND
PCB 202	8.78	ND
PCB 203	16	ND
PCB 204	<0.013	ND
PCB 205	0.925	ND
PCB 206	32	ND
PCB 207	2.44	ND
PCB 208	10.8	ND
PCB 209	30.1	ND
Total PCBs - Homologs	2500	ND
Dioxins and Furans (µg/kg DW)		
Total TCDD	0.0116	ND
2,3,7,8-TCDD	<0.000103	ND
Total PeCDD	0.00366	ND
1,2,3,7,8-PeCDD	0.000447	ND
Total HxCDD	0.0191	ND
1,2,3,4,7,8-HxCDD	0.000701	ND
1,2,3,6,7,8-HxCDD	0.0019	ND
1,2,3,7,8,9-HxCDD	0.00237	ND
Total HpCDD	0.166	ND
1,2,3,4,6,7,8-HpCDD	0.0688	ND
Total OCDD	1.66	ND
Total TCDF	0.0847	ND

Table 8. Sediment chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]	
	SD-CC07-01_P	SD-CC07-02_P
Dioxins and Furans (µg/kg DW; cont.)		
2,3,7,8-TCDF	0.0133	ND
Total PeCDF	0.0807	ND
1,2,3,7,8-PeCDF	0.00348	ND
2,3,4,7,8-PeCDF	0.00825	ND
Total HxCDF	0.0455	ND
1,2,3,4,7,8-HxCDF	0.0141	ND
1,2,3,6,7,8-HxCDF	0.00361	ND
1,2,3,7,8,9-HxCDF	0.000266	ND
2,3,4,6,7,8-HxCDF	0.00214	ND
Total HpCDF	0.0485	ND
1,2,3,4,6,7,8-HpCDF	0.0222	ND
1,2,3,4,7,8,9-HpCDF	0.00315	ND
Total OCDF	0.0439	ND
Mean Quotients		
Mean PEC-Q_{METALS}	0.1344	0.1616

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 9. Sediment chemistry data for sampling sites located in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC09-02_P	SD-CC09-03_S	SD-CC09-04_P	SD-CC09-05_P	SD-CC09-06_P	SD-CC09-07_P	SD-CC09-09_P	SD-CC09-40_P
Conventionals								
Clay (%)	0.7	2.8	0.7	2.1	4	4.4	10.3	1.4
Silt (%)	4.2	0	4.1	6.6	11.2	18.3	30.9	13
Fines (silt+clay; %)	4.9	2.8	4.8	8.7	15.2	22.7	41.2	14.4
Gravel (%)	0	0	0	0	0	0	0	0
Sand (%)	95.1	97.2	95.2	91.3	84.8	77.3	58.8	85.6
Solids (%)	85	73.1	82.7	74.4	75.7	66.7	46.5	64.5
Phosphorus (mg/kg)	152	131	121	199	247	336	415	218
Total Organic Carbon (%)	0.048	0.11	0.34	0.69	0.82	1.7	1.5	0.76
Metals (mg/kg DW)								
Aluminum	1470	1560	1400	2290	3040	3770	6040	3090
Antimony	<0.100	<0.25	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
Arsenic	2.1	1.14	1.25	1.62	2.37	1.95	2.51	1.79
Barium	10.6	24.1	12.7	26.5	33.4	43.1	63.3	29.1
Beryllium	0.217	<0.25	0.153	0.251	0.313	0.381	0.568	0.279
Cadmium	0.129	<0.25	<0.100	0.156	0.138	0.265	0.355	0.144
Calcium	359	407	462	1050	1540	1880	2340	982
Chromium	13.4	8.27	7.58	10.3	11.9	9.3	10.6	9.83
Cobalt	4.62	2.87	2.59	4.31	5.71	6.19	7.79	3.75
Copper	2.83	2.05	1.82	4.95	5.29	8.79	13.7	5.35
Iron	7810	5840	5120	6980	8970	9450	12900	7790
Lead	6.62	3.97	4.2	7.48	11.3	11	20.4	7.14
Magnesium	338	476	348	657	729	1170	1370	649
Manganese	120	106	102	313	373	308	364	248
Mercury	ND	0.341	ND	0.342	ND	ND	0.771	ND
Molybdenum	0.255	<0.25	0.15	0.212	0.25	0.212	0.267	0.217
Nickel	3.48	2.71	2.22	3.69	10.6	5.04	7.09	3.72
Potassium	146	133	152	195	290	297	448	279
Selenium	<0.100	<0.25	<0.100	0.159	0.159	0.267	0.414	0.162
Silver	<0.100	<0.25	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
Sodium	14.1	9.86	8.21	11.2	16.6	13.7	20.3	23.5
Thallium	<0.100	<0.25	<0.100	<0.100	<0.100	<0.100	0.103	<0.100

Table 9. Sediment chemistry data for sampling sites located in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC09-02_P	SD-CC09-03_S	SD-CC09-04_P	SD-CC09-05_P	SD-CC09-06_P	SD-CC09-07_P	SD-CC09-09_P	SD-CC09-40_P
Metals (mg/kg DW; cont.)								
Vanadium	6.5	3.98	3.69	5.11	7.26	7.02	10.3	6.89
Zinc	24.4	29.2	19	28.7	33.4	44.6	58.8	31.1
Polychlorinated Biphenyls (PCBs; µg/kg DW)								
Aroclor 1016	<2.38	<1.36	<2.48	<2.75	<2.70	<3.08	<4.33	<3.14
Aroclor 1221	<2.48	<1.36	<2.58	<2.87	<2.82	<3.21	<4.52	<3.28
Aroclor 1232	<2.48	<1.36	<2.58	<2.87	<2.82	<3.21	<4.52	<3.28
Aroclor 1242	<2.48	<1.36	<2.58	<2.87	<2.82	<3.21	<4.52	<3.28
Aroclor 1248	10.8	38.5	19.1	218	73.6	272	314	61.5
Aroclor 1254	9.78	49.6	32.9	172	94.5	323	331	85.6
Aroclor 1260	9.57	30.4	18.8	105	72.9	259	246	68.2
Total PCBs - Aroclors	35.06	121	75.91	500.7	246.6	860.4	899.9	221.8
PCB 001	ND	3.3	ND	ND	ND	ND	ND	ND
PCB 002	ND	0.16	ND	ND	ND	ND	ND	ND
PCB 003	ND	2.3	ND	ND	ND	ND	ND	ND
PCB 004	ND	3.6	ND	ND	ND	ND	ND	ND
PCB 005	ND	0.13	ND	ND	ND	ND	ND	ND
PCB 006	ND	2.9	ND	ND	ND	ND	ND	ND
PCB 007	ND	0.31	ND	ND	ND	ND	ND	ND
PCB 008	ND	7.2	ND	ND	ND	ND	ND	ND
PCB 009	ND	0.36	ND	ND	ND	ND	ND	ND
PCB 010	ND	0.21	ND	ND	ND	ND	ND	ND
PCB 011	ND	0.19	ND	ND	ND	ND	ND	ND
PCB 012 & 013	ND	1.2	ND	ND	ND	ND	ND	ND
PCB 014	ND	<0.037	ND	ND	ND	ND	ND	ND
PCB 015	ND	11	ND	ND	ND	ND	ND	ND
PCB 016	ND	0.83	ND	ND	ND	ND	ND	ND
PCB 017	ND	2	ND	ND	ND	ND	ND	ND
PCB 018 & 030	ND	2.6	ND	ND	ND	ND	ND	ND
PCB 019	ND	0.92	ND	ND	ND	ND	ND	ND
PCB 020 & 028	ND	6.7	ND	ND	ND	ND	ND	ND

Table 9. Sediment chemistry data for sampling sites located in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC09-02_P	SD-CC09-03_S	SD-CC09-04_P	SD-CC09-05_P	SD-CC09-06_P	SD-CC09-07_P	SD-CC09-09_P	SD-CC09-40_P
PCBs (µg/kg DW; cont.)								
PCB 021 & 033	ND	1.1	ND	ND	ND	ND	ND	ND
PCB 022	ND	1.4	ND	ND	ND	ND	ND	ND
PCB 023	ND	<0.041	ND	ND	ND	ND	ND	ND
PCB 024	ND	0.023	ND	ND	ND	ND	ND	ND
PCB 025	ND	2.1	ND	ND	ND	ND	ND	ND
PCB 026 & 029	ND	2.9	ND	ND	ND	ND	ND	ND
PCB 027	ND	0.51	ND	ND	ND	ND	ND	ND
PCB 031	ND	4.5	ND	ND	ND	ND	ND	ND
PCB 032	ND	1.4	ND	ND	ND	ND	ND	ND
PCB 034	ND	<0.042	ND	ND	ND	ND	ND	ND
PCB 035	ND	0.081	ND	ND	ND	ND	ND	ND
PCB 036	ND	0.089	ND	ND	ND	ND	ND	ND
PCB 037	ND	2.4	ND	ND	ND	ND	ND	ND
PCB 038	ND	<0.046	ND	ND	ND	ND	ND	ND
PCB 039	ND	<0.043	ND	ND	ND	ND	ND	ND
PCB 040 & 071	ND	1.4	ND	ND	ND	ND	ND	ND
PCB 041	ND	0.095	ND	ND	ND	ND	ND	ND
PCB 042	ND	0.94	ND	ND	ND	ND	ND	ND
PCB 043	ND	0.058	ND	ND	ND	ND	ND	ND
PCB 044 & 047 & 065	ND	4	ND	ND	ND	ND	ND	ND
PCB 045	ND	0.15	ND	ND	ND	ND	ND	ND
PCB 046	ND	0.11	ND	ND	ND	ND	ND	ND
PCB 048	ND	0.22	ND	ND	ND	ND	ND	ND
PCB 049 & 069	ND	3.7	ND	ND	ND	ND	ND	ND
PCB 050 & 053	ND	0.74	ND	ND	ND	ND	ND	ND
PCB 051	ND	0.5	ND	ND	ND	ND	ND	ND
PCB 052	ND	6.1	ND	ND	ND	ND	ND	ND
PCB 054	ND	0.097	ND	ND	ND	ND	ND	ND
PCB 055	ND	<0.02	ND	ND	ND	ND	ND	ND
PCB 056	ND	1.3	ND	ND	ND	ND	ND	ND
PCB 057	ND	0.058	ND	ND	ND	ND	ND	ND
PCB 058	ND	<0.02	ND	ND	ND	ND	ND	ND

Table 9. Sediment chemistry data for sampling sites located in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC09-02_P	SD-CC09-03_S	SD-CC09-04_P	SD-CC09-05_P	SD-CC09-06_P	SD-CC09-07_P	SD-CC09-09_P	SD-CC09-40_P
PCBs (µg/kg DW; cont.)								
PCB 059 & 062 & 075	ND	0.29	ND	ND	ND	ND	ND	ND
PCB 060	ND	0.55	ND	ND	ND	ND	ND	ND
PCB 061 & 070 & 074 & 076	ND	4.6	ND	ND	ND	ND	ND	ND
PCB 063	ND	0.15	ND	ND	ND	ND	ND	ND
PCB 064	ND	1.5	ND	ND	ND	ND	ND	ND
PCB 066	ND	4.3	ND	ND	ND	ND	ND	ND
PCB 067	ND	0.13	ND	ND	ND	ND	ND	ND
PCB 068	ND	0.094	ND	ND	ND	ND	ND	ND
PCB 072	ND	0.12	ND	ND	ND	ND	ND	ND
PCB 073	ND	0.045	ND	ND	ND	ND	ND	ND
PCB 077	ND	0.7	ND	ND	ND	ND	ND	ND
PCB 078	ND	<0.022	ND	ND	ND	ND	ND	ND
PCB 079	ND	0.042	ND	ND	ND	ND	ND	ND
PCB 080	ND	<0.018	ND	ND	ND	ND	ND	ND
PCB 081	ND	<0.022	ND	ND	ND	ND	ND	ND
PCB 082	ND	0.48	ND	ND	ND	ND	ND	ND
PCB 083	ND	0.13	ND	ND	ND	ND	ND	ND
PCB 084	ND	0.62	ND	ND	ND	ND	ND	ND
PCB 085 & 116 & 117	ND	0.72	ND	ND	ND	ND	ND	ND
PCB 086 & 087 & 097 & 108 & 119 & 125	ND	2.3	ND	ND	ND	ND	ND	ND
PCB 088 & 091	ND	0.65	ND	ND	ND	ND	ND	ND
PCB 089	ND	<0.085	ND	ND	ND	ND	ND	ND
PCB 090 & 101 & 113	ND	3.6	ND	ND	ND	ND	ND	ND
PCB 092	ND	0.83	ND	ND	ND	ND	ND	ND
PCB 093 & 100	ND	0.15	ND	ND	ND	ND	ND	ND
PCB 094	ND	<0.08	ND	ND	ND	ND	ND	ND
PCB 095	ND	2.4	ND	ND	ND	ND	ND	ND
PCB 096	ND	0.04	ND	ND	ND	ND	ND	ND
PCB 098 & 102	ND	0.16	ND	ND	ND	ND	ND	ND
PCB 099	ND	2.1	ND	ND	ND	ND	ND	ND
PCB 103	ND	0.09	ND	ND	ND	ND	ND	ND
PCB 104	ND	0.021	ND	ND	ND	ND	ND	ND

Table 9. Sediment chemistry data for sampling sites located in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC09-02_P	SD-CC09-03_S	SD-CC09-04_P	SD-CC09-05_P	SD-CC09-06_P	SD-CC09-07_P	SD-CC09-09_P	SD-CC09-40_P
PCBs (µg/kg DW; cont.)								
PCB 105	ND	2	ND	ND	ND	ND	ND	ND
PCB 106	ND	<0.068	ND	ND	ND	ND	ND	ND
PCB 107 & 124	ND	0.15	ND	ND	ND	ND	ND	ND
PCB 109	ND	0.34	ND	ND	ND	ND	ND	ND
PCB 110 & 115	ND	5.1	ND	ND	ND	ND	ND	ND
PCB 111	ND	<0.055	ND	ND	ND	ND	ND	ND
PCB 112	ND	<0.053	ND	ND	ND	ND	ND	ND
PCB 114	ND	0.098	ND	ND	ND	ND	ND	ND
PCB 118	ND	4.2	ND	ND	ND	ND	ND	ND
PCB 120	ND	<0.059	ND	ND	ND	ND	ND	ND
PCB 121	ND	<0.055	ND	ND	ND	ND	ND	ND
PCB 122	ND	0.081	ND	ND	ND	ND	ND	ND
PCB 123	ND	0.077	ND	ND	ND	ND	ND	ND
PCB 126	ND	<0.07	ND	ND	ND	ND	ND	ND
PCB 127	ND	<0.068	ND	ND	ND	ND	ND	ND
PCB 128 & 166	ND	0.74	ND	ND	ND	ND	ND	ND
PCB 129 & 138 & 163	ND	5.3	ND	ND	ND	ND	ND	ND
PCB 130	ND	0.28	ND	ND	ND	ND	ND	ND
PCB 131	ND	<0.033	ND	ND	ND	ND	ND	ND
PCB 132	ND	1.2	ND	ND	ND	ND	ND	ND
PCB 133	ND	0.1	ND	ND	ND	ND	ND	ND
PCB 134 & 143	ND	0.18	ND	ND	ND	ND	ND	ND
PCB 135 & 151	ND	1.5	ND	ND	ND	ND	ND	ND
PCB 136	ND	0.39	ND	ND	ND	ND	ND	ND
PCB 137	ND	0.14	ND	ND	ND	ND	ND	ND
PCB 139 & 140	ND	0.056	ND	ND	ND	ND	ND	ND
PCB 141	ND	0.76	ND	ND	ND	ND	ND	ND
PCB 142	ND	<0.03	ND	ND	ND	ND	ND	ND
PCB 144	ND	0.14	ND	ND	ND	ND	ND	ND
PCB 145	ND	<0.019	ND	ND	ND	ND	ND	ND
PCB 146	ND	0.78	ND	ND	ND	ND	ND	ND
PCB 147 & 149	ND	3.5	ND	ND	ND	ND	ND	ND

Table 9. Sediment chemistry data for sampling sites located in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC09-02_P	SD-CC09-03_S	SD-CC09-04_P	SD-CC09-05_P	SD-CC09-06_P	SD-CC09-07_P	SD-CC09-09_P	SD-CC09-40_P
PCBs (µg/kg DW; cont.)								
PCB 148	ND	<0.027	ND	ND	ND	ND	ND	ND
PCB 150	ND	<0.018	ND	ND	ND	ND	ND	ND
PCB 152	ND	<0.018	ND	ND	ND	ND	ND	ND
PCB 153 & 168	ND	4	ND	ND	ND	ND	ND	ND
PCB 154	ND	0.096	ND	ND	ND	ND	ND	ND
PCB 155	ND	<0.034	ND	ND	ND	ND	ND	ND
PCB 156 & 157	ND	0.76	ND	ND	ND	ND	ND	ND
PCB 158	ND	0.46	ND	ND	ND	ND	ND	ND
PCB 159	ND	<0.0072	ND	ND	ND	ND	ND	ND
PCB 160	ND	<0.024	ND	ND	ND	ND	ND	ND
PCB 161	ND	<0.021	ND	ND	ND	ND	ND	ND
PCB 162	ND	0.016	ND	ND	ND	ND	ND	ND
PCB 164	ND	0.32	ND	ND	ND	ND	ND	ND
PCB 165	ND	<0.024	ND	ND	ND	ND	ND	ND
PCB 167	ND	0.22	ND	ND	ND	ND	ND	ND
PCB 169	ND	<0.0073	ND	ND	ND	ND	ND	ND
PCB 170	ND	2.3	ND	ND	ND	ND	ND	ND
PCB 171 & 173	ND	0.58	ND	ND	ND	ND	ND	ND
PCB 172	ND	0.37	ND	ND	ND	ND	ND	ND
PCB 174	ND	2.2	ND	ND	ND	ND	ND	ND
PCB 175	ND	0.069	ND	ND	ND	ND	ND	ND
PCB 176	ND	0.18	ND	ND	ND	ND	ND	ND
PCB 177	ND	1.4	ND	ND	ND	ND	ND	ND
PCB 178	ND	0.55	ND	ND	ND	ND	ND	ND
PCB 179	ND	0.81	ND	ND	ND	ND	ND	ND
PCB 180 & 193	ND	5.1	ND	ND	ND	ND	ND	ND
PCB 181	ND	0.012	ND	ND	ND	ND	ND	ND
PCB 182	ND	0.014	ND	ND	ND	ND	ND	ND
PCB 183	ND	1	ND	ND	ND	ND	ND	ND
PCB 184	ND	<0.0011	ND	ND	ND	ND	ND	ND
PCB 185	ND	0.14	ND	ND	ND	ND	ND	ND
PCB 186	ND	<0.001	ND	ND	ND	ND	ND	ND

Table 9. Sediment chemistry data for sampling sites located in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC09-02_P	SD-CC09-03_S	SD-CC09-04_P	SD-CC09-05_P	SD-CC09-06_P	SD-CC09-07_P	SD-CC09-09_P	SD-CC09-40_P
PCBs (µg/kg DW; cont.)								
PCB 187	ND	3.1	ND	ND	ND	ND	ND	ND
PCB 188	ND	0.0096	ND	ND	ND	ND	ND	ND
PCB 189	ND	0.072	ND	ND	ND	ND	ND	ND
PCB 190	ND	0.53	ND	ND	ND	ND	ND	ND
PCB 191	ND	0.093	ND	ND	ND	ND	ND	ND
PCB 192	ND	<0.004	ND	ND	ND	ND	ND	ND
PCB 194	ND	1.2	ND	ND	ND	ND	ND	ND
PCB 195	ND	0.37	ND	ND	ND	ND	ND	ND
PCB 196	ND	0.55	ND	ND	ND	ND	ND	ND
PCB 197	ND	0.026	ND	ND	ND	ND	ND	ND
PCB 198 & 199	ND	1.8	ND	ND	ND	ND	ND	ND
PCB 200	ND	0.16	ND	ND	ND	ND	ND	ND
PCB 201	ND	0.13	ND	ND	ND	ND	ND	ND
PCB 202	ND	0.39	ND	ND	ND	ND	ND	ND
PCB 203	ND	1.1	ND	ND	ND	ND	ND	ND
PCB 204	ND	<0.0031	ND	ND	ND	ND	ND	ND
PCB 205	ND	0.054	ND	ND	ND	ND	ND	ND
PCB 206	ND	1.4	ND	ND	ND	ND	ND	ND
PCB 207	ND	0.1	ND	ND	ND	ND	ND	ND
PCB 208	ND	0.46	ND	ND	ND	ND	ND	ND
PCB 209	ND	0.84	ND	ND	ND	ND	ND	ND
Total PCBs - Homologs	ND	107	ND	ND	ND	ND	ND	ND
Dioxins and Furans (µg/kg DW)								
Total TCDD	ND	0.000321	ND	ND	ND	ND	ND	ND
2,3,7,8-TCDD	ND	<0.000136	ND	ND	ND	ND	ND	ND
Total PeCDD	ND	<0.000117	ND	ND	ND	ND	ND	ND
1,2,3,7,8-PeCDD	ND	<0.000117	ND	ND	ND	ND	ND	ND
Total HxCDD	ND	0.000816	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-HxCDD	ND	<0.000113	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-HxCDD	ND	<0.000119	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-HxCDD	ND	0.000169	ND	ND	ND	ND	ND	ND

Table 9. Sediment chemistry data for sampling sites located in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC09-02_P	SD-CC09-03_S	SD-CC09-04_P	SD-CC09-05_P	SD-CC09-06_P	SD-CC09-07_P	SD-CC09-09_P	SD-CC09-40_P
Dioxins and Furans (µg/kg DW; cont.)								
Total HpCDD	ND	0.00626	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-HpCDD	ND	0.00309	ND	ND	ND	ND	ND	ND
Total OCDD	ND	0.0702	ND	ND	ND	ND	ND	ND
Total TCDF	ND	0.00704	ND	ND	ND	ND	ND	ND
2,3,7,8-TCDF	ND	<0.00078	ND	ND	ND	ND	ND	ND
Total PeCDF	ND	0.00294	ND	ND	ND	ND	ND	ND
1,2,3,7,8-PeCDF	ND	0.000214	ND	ND	ND	ND	ND	ND
2,3,4,7,8-PeCDF	ND	0.00043	ND	ND	ND	ND	ND	ND
Total HxCDF	ND	0.00188	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-HxCDF	ND	0.000731	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-HxCDF	ND	0.000181	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-HxCDF	ND	<0.000115	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-HxCDF	ND	0.000128	ND	ND	ND	ND	ND	ND
Total HpCDF	ND	0.00197	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-HpCDF	ND	0.000915	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-HpCDF	ND	0.000192	ND	ND	ND	ND	ND	ND
Total OCDF	ND	0.00121	ND	ND	ND	ND	ND	ND
Mean Quotients								
Mean PEC-Q_{METALS}	0.05796	0.0426	0.03547	0.05762	0.08877	0.07741	0.1097	0.05824

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC10-01_P	SD-CC10-02_P	SD-CC10-03_S	SD-CC10-04_S	SD-CC10-05_P	SD-CC10-06_P	SD-CC10-07_S
Conventionals							
Clay (%)	4.5	7	5.9	5.8	4.2	2.3	10.1
Silt (%)	29.2	79.7	51.9	47.2	52.9	24.5	84.6
Fines (silt+clay; %)	33.7	86.7	57.8	53	57.1	26.8	94.7
Gravel (%)	0	0	0	0	0	0	0
Sand (%)	66.3	13.3	42.2	47	42.9	73.2	5.3
Solids (%)	66.2	58.9	69.1	60.9	64.5	82.5	46.8
Phosphorus (mg/kg)	315	433	340	388	342	172	865
Total Organic Carbon (%)	1	1.5	0.76	1.1	1	0.19	1.6
Metals (mg/kg DW)							
Aluminum	4070	5910	5340	5960	5350	2670	13700
Antimony	<0.100	<0.100	<0.25	<0.25	<0.100	<0.100	<0.25
Arsenic	1.91	2.69	4.85	5.44	2.35	1.58	6.46
Barium	42.4	58.1	39.7	41.6	51.2	27.6	133
Beryllium	0.35	0.547	0.393	0.489	0.429	0.248	0.654
Cadmium	0.288	0.377	<0.25	<0.25	0.281	<0.100	0.459
Calcium	1120	2290	791	875	1540	331	613
Chromium	8.59	11.4	13.1	12.5	9.26	7.83	16.3
Cobalt	5.3	7.28	7.2	6.63	6.07	3.07	13.3
Copper	9.08	14.1	6.42	8.71	9.94	2.9	17.8
Iron	9270	12900	15100	16100	11000	6560	25600
Lead	11.5	16.1	12.8	13.5	12.2	5.42	25.7
Magnesium	821	1400	517	570	994	278	780
Manganese	306	432	731	538	397	227	687
Mercury	ND	ND	0.416	0.395	ND	ND	0.601
Molybdenum	0.184	0.24	0.341	0.358	0.228	0.137	0.376
Nickel	4.63	7	4.76	6.39	5.48	2.45	12.1
Potassium	298	424	273	345	377	188	694
Selenium	0.286	0.416	0.421	0.483	0.31	0.13	0.869
Silver	<0.100	<0.100	<0.25	<0.25	<0.100	<0.100	<0.25
Sodium	15.7	20.5	16	17.6	21.3	10.2	37.7
Thallium	<0.100	0.101	<0.25	<0.25	<0.100	<0.100	0.282

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC10-01_P	SD-CC10-02_P	SD-CC10-03_S	SD-CC10-04_S	SD-CC10-05_P	SD-CC10-06_P	SD-CC10-07_S
Metals (mg/kg DW; cont.)							
Vanadium	6.8	10	11.2	12.8	8.72	5.06	18.5
Zinc	45.5	57.4	38.8	43.8	43.7	15.4	81.1
Polychlorinated Biphenyls (PCBs; µg/kg DW)							
Aroclor 1016	<3.07	<3.50	<1.44	<1.64	<3.18	<2.48	<2.13
Aroclor 1221	<3.21	<3.65	<1.44	<1.64	<3.31	<2.59	<2.13
Aroclor 1232	<3.21	<3.65	<1.44	<1.64	<3.31	<2.59	<2.13
Aroclor 1242	<3.21	<3.65	<1.44	<1.64	<3.31	<2.59	<2.13
Aroclor 1248	211	242	74	64	136	14.3	174
Aroclor 1254	318	353	109	98.3	188	19.3	207
Aroclor 1260	284	296	54.8	50	141	14.1	93.9
Total PCBs - Aroclors	819.4	898.2	241	216	471.6	52.83	479
PCB 001	ND	ND	ND	2.8	ND	ND	7
PCB 002	ND	ND	ND	0.22	ND	ND	0.76
PCB 003	ND	ND	ND	2.7	ND	ND	8.6
PCB 004	ND	ND	ND	1.9	ND	ND	5.4
PCB 005	ND	ND	ND	0.058	ND	ND	0.23
PCB 006	ND	ND	ND	0.83	ND	ND	3.6
PCB 007	ND	ND	ND	0.15	ND	ND	0.64
PCB 008	ND	ND	ND	2.9	ND	ND	10
PCB 009	ND	ND	ND	0.14	ND	ND	0.48
PCB 010	ND	ND	ND	0.12	ND	ND	0.36
PCB 011	ND	ND	ND	0.098	ND	ND	0.38
PCB 012 & 013	ND	ND	ND	0.59	ND	ND	2.3
PCB 014	ND	ND	ND	<0.036	ND	ND	<0.11
PCB 015	ND	ND	ND	6.9	ND	ND	32
PCB 016	ND	ND	ND	0.21	ND	ND	0.71
PCB 017	ND	ND	ND	0.71	ND	ND	2.8
PCB 018 & 030	ND	ND	ND	0.58	ND	ND	2.4
PCB 019	ND	ND	ND	0.55	ND	ND	1.5
PCB 020 & 028	ND	ND	ND	3.5	ND	ND	18

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC10-01_P	SD-CC10-02_P	SD-CC10-03_S	SD-CC10-04_S	SD-CC10-05_P	SD-CC10-06_P	SD-CC10-07_S
PCBs (µg/kg DW; cont.)							
PCB 021 & 033	ND	ND	ND	0.7	ND	ND	3.9
PCB 022	ND	ND	ND	0.58	ND	ND	2.5
PCB 023	ND	ND	ND	<0.026	ND	ND	<0.1
PCB 024	ND	ND	ND	0.0059	ND	ND	0.022
PCB 025	ND	ND	ND	0.74	ND	ND	4.2
PCB 026 & 029	ND	ND	ND	0.92	ND	ND	4.6
PCB 027	ND	ND	ND	0.23	ND	ND	0.88
PCB 031	ND	ND	ND	2	ND	ND	8.4
PCB 032	ND	ND	ND	0.37	ND	ND	1.1
PCB 034	ND	ND	ND	<0.027	ND	ND	<0.11
PCB 035	ND	ND	ND	0.053	ND	ND	0.21
PCB 036	ND	ND	ND	0.051	ND	ND	0.22
PCB 037	ND	ND	ND	2.2	ND	ND	12
PCB 038	ND	ND	ND	<0.029	ND	ND	<0.12
PCB 039	ND	ND	ND	<0.027	ND	ND	<0.11
PCB 040 & 071	ND	ND	ND	0.77	ND	ND	3
PCB 041	ND	ND	ND	0.046	ND	ND	0.13
PCB 042	ND	ND	ND	0.55	ND	ND	2.4
PCB 043	ND	ND	ND	0.052	ND	ND	0.17
PCB 044 & 047 & 065	ND	ND	ND	2.9	ND	ND	11
PCB 045	ND	ND	ND	0.081	ND	ND	0.28
PCB 046	ND	ND	ND	0.049	ND	ND	0.16
PCB 048	ND	ND	ND	0.14	ND	ND	0.58
PCB 049 & 069	ND	ND	ND	2.3	ND	ND	9.5
PCB 050 & 053	ND	ND	ND	0.39	ND	ND	1.2
PCB 051	ND	ND	ND	0.23	ND	ND	0.55
PCB 052	ND	ND	ND	3.4	ND	ND	14
PCB 054	ND	ND	ND	0.083	ND	ND	0.22
PCB 055	ND	ND	ND	<0.02	ND	ND	<0.066
PCB 056	ND	ND	ND	1.1	ND	ND	5.1
PCB 057	ND	ND	ND	0.032	ND	ND	0.18
PCB 058	ND	ND	ND	0.02	ND	ND	0.074

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC10-01_P	SD-CC10-02_P	SD-CC10-03_S	SD-CC10-04_S	SD-CC10-05_P	SD-CC10-06_P	SD-CC10-07_S
PCBs (µg/kg DW; cont.)							
PCB 059 & 062 & 075	ND	ND	ND	0.22	ND	ND	0.9
PCB 060	ND	ND	ND	0.48	ND	ND	1.8
PCB 061 & 070 & 074 & 076	ND	ND	ND	4	ND	ND	17
PCB 063	ND	ND	ND	0.15	ND	ND	0.63
PCB 064	ND	ND	ND	0.97	ND	ND	3.8
PCB 066	ND	ND	ND	4.6	ND	ND	21
PCB 067	ND	ND	ND	0.093	ND	ND	0.48
PCB 068	ND	ND	ND	0.11	ND	ND	0.47
PCB 072	ND	ND	ND	0.1	ND	ND	0.4
PCB 073	ND	ND	ND	0.042	ND	ND	0.15
PCB 077	ND	ND	ND	0.76	ND	ND	3.7
PCB 078	ND	ND	ND	<0.022	ND	ND	<0.074
PCB 079	ND	ND	ND	0.04	ND	ND	0.14
PCB 080	ND	ND	ND	<0.018	ND	ND	<0.061
PCB 081	ND	ND	ND	<0.023	ND	ND	<0.076
PCB 082	ND	ND	ND	0.35	ND	ND	1.2
PCB 083	ND	ND	ND	0.12	ND	ND	<0.32
PCB 084	ND	ND	ND	0.51	ND	ND	1.8
PCB 085 & 116 & 117	ND	ND	ND	0.7	ND	ND	2.3
PCB 086 & 087 & 097 & 108 & 119 & 125	ND	ND	ND	2.1	ND	ND	7.2
PCB 088 & 091	ND	ND	ND	0.69	ND	ND	2.7
PCB 089	ND	ND	ND	<0.078	ND	ND	<0.25
PCB 090 & 101 & 113	ND	ND	ND	3.6	ND	ND	13
PCB 092	ND	ND	ND	0.92	ND	ND	3.2
PCB 093 & 100	ND	ND	ND	0.22	ND	ND	0.67
PCB 094	ND	ND	ND	<0.074	ND	ND	<0.24
PCB 095	ND	ND	ND	2.1	ND	ND	7
PCB 096	ND	ND	ND	0.034	ND	ND	0.11
PCB 098 & 102	ND	ND	ND	0.12	ND	ND	0.37
PCB 099	ND	ND	ND	2.5	ND	ND	9.5
PCB 103	ND	ND	ND	0.1	ND	ND	0.37
PCB 104	ND	ND	ND	0.019	ND	ND	0.053

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC10-01_P	SD-CC10-02_P	SD-CC10-03_S	SD-CC10-04_S	SD-CC10-05_P	SD-CC10-06_P	SD-CC10-07_S
PCBs (µg/kg DW; cont.)							
PCB 105	ND	ND	ND	2.1	ND	ND	7.8
PCB 106	ND	ND	ND	<0.063	ND	ND	<0.2
PCB 107 & 124	ND	ND	ND	0.14	ND	ND	0.39
PCB 109	ND	ND	ND	0.42	ND	ND	1.6
PCB 110 & 115	ND	ND	ND	4.8	ND	ND	18
PCB 111	ND	ND	ND	<0.051	ND	ND	<0.16
PCB 112	ND	ND	ND	<0.049	ND	ND	<0.16
PCB 114	ND	ND	ND	0.089	ND	ND	0.28
PCB 118	ND	ND	ND	4.8	ND	ND	18
PCB 120	ND	ND	ND	<0.054	ND	ND	0.18
PCB 121	ND	ND	ND	<0.051	ND	ND	<0.16
PCB 122	ND	ND	ND	0.075	ND	ND	0.22
PCB 123	ND	ND	ND	0.088	ND	ND	0.26
PCB 126	ND	ND	ND	<0.073	ND	ND	0.29
PCB 127	ND	ND	ND	<0.063	ND	ND	<0.2
PCB 128 & 166	ND	ND	ND	0.93	ND	ND	2.8
PCB 129 & 138 & 163	ND	ND	ND	6.7	ND	ND	19
PCB 130	ND	ND	ND	0.38	ND	ND	1.2
PCB 131	ND	ND	ND	<0.046	ND	ND	<0.11
PCB 132	ND	ND	ND	1.4	ND	ND	3.9
PCB 133	ND	ND	ND	0.2	ND	ND	0.6
PCB 134 & 143	ND	ND	ND	0.21	ND	ND	0.59
PCB 135 & 151	ND	ND	ND	2	ND	ND	6
PCB 136	ND	ND	ND	0.48	ND	ND	1.5
PCB 137	ND	ND	ND	0.11	ND	ND	0.39
PCB 139 & 140	ND	ND	ND	0.064	ND	ND	0.18
PCB 141	ND	ND	ND	0.65	ND	ND	1.9
PCB 142	ND	ND	ND	<0.043	ND	ND	<0.1
PCB 144	ND	ND	ND	0.14	ND	ND	0.38
PCB 145	ND	ND	ND	<0.028	ND	ND	<0.064
PCB 146	ND	ND	ND	1.3	ND	ND	4
PCB 147 & 149	ND	ND	ND	4.6	ND	ND	14

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC10-01_P	SD-CC10-02_P	SD-CC10-03_S	SD-CC10-04_S	SD-CC10-05_P	SD-CC10-06_P	SD-CC10-07_S
PCBs (µg/kg DW; cont.)							
PCB 148	ND	ND	ND	0.047	ND	ND	0.14
PCB 150	ND	ND	ND	<0.026	ND	ND	0.08
PCB 152	ND	ND	ND	<0.026	ND	ND	<0.061
PCB 153 & 168	ND	ND	ND	5.4	ND	ND	17
PCB 154	ND	ND	ND	0.22	ND	ND	0.82
PCB 155	ND	ND	ND	<0.031	ND	ND	<0.071
PCB 156 & 157	ND	ND	ND	0.8	ND	ND	2.6
PCB 158	ND	ND	ND	0.48	ND	ND	1.4
PCB 159	ND	ND	ND	<0.0094	ND	ND	0.03
PCB 160	ND	ND	ND	<0.034	ND	ND	<0.079
PCB 161	ND	ND	ND	<0.03	ND	ND	<0.068
PCB 162	ND	ND	ND	0.026	ND	ND	0.058
PCB 164	ND	ND	ND	0.37	ND	ND	1.1
PCB 165	ND	ND	ND	<0.034	ND	ND	0.089
PCB 167	ND	ND	ND	0.26	ND	ND	0.87
PCB 169	ND	ND	ND	<0.01	ND	ND	<0.027
PCB 170	ND	ND	ND	1.5	ND	ND	6.2
PCB 171 & 173	ND	ND	ND	0.65	ND	ND	2
PCB 172	ND	ND	ND	0.44	ND	ND	1.4
PCB 174	ND	ND	ND	2.4	ND	ND	7.1
PCB 175	ND	ND	ND	0.083	ND	ND	0.27
PCB 176	ND	ND	ND	0.21	ND	ND	0.63
PCB 177	ND	ND	ND	1.8	ND	ND	5.4
PCB 178	ND	ND	ND	0.88	ND	ND	2.5
PCB 179	ND	ND	ND	1	ND	ND	3
PCB 180 & 193	ND	ND	ND	3.4	ND	ND	12
PCB 181	ND	ND	ND	0.014	ND	ND	0.04
PCB 182	ND	ND	ND	0.022	ND	ND	0.066
PCB 183	ND	ND	ND	1.2	ND	ND	3.5
PCB 184	ND	ND	ND	0.0052	ND	ND	<0.0046
PCB 185	ND	ND	ND	0.26	ND	ND	0.7
PCB 186	ND	ND	ND	<0.0021	ND	ND	<0.0044

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC10-01_P	SD-CC10-02_P	SD-CC10-03_S	SD-CC10-04_S	SD-CC10-05_P	SD-CC10-06_P	SD-CC10-07_S
PCBs (µg/kg DW; cont.)							
PCB 187	ND	ND	ND	4.4	ND	ND	13
PCB 188	ND	ND	ND	0.017	ND	ND	0.06
PCB 189	ND	ND	ND	0.094	ND	ND	0.32
PCB 190	ND	ND	ND	0.61	ND	ND	1.8
PCB 191	ND	ND	ND	0.08	ND	ND	0.25
PCB 192	ND	ND	ND	<0.0043	ND	ND	<0.013
PCB 194	ND	ND	ND	1.4	ND	ND	4.7
PCB 195	ND	ND	ND	0.53	ND	ND	1.5
PCB 196	ND	ND	ND	0.76	ND	ND	2.4
PCB 197	ND	ND	ND	0.042	ND	ND	0.1
PCB 198 & 199	ND	ND	ND	2.9	ND	ND	8.3
PCB 200	ND	ND	ND	0.19	ND	ND	0.59
PCB 201	ND	ND	ND	0.26	ND	ND	0.8
PCB 202	ND	ND	ND	0.71	ND	ND	2
PCB 203	ND	ND	ND	1.6	ND	ND	4.7
PCB 204	ND	ND	ND	<0.003	ND	ND	<0.012
PCB 205	ND	ND	ND	0.09	ND	ND	0.27
PCB 206	ND	ND	ND	3.8	ND	ND	9.5
PCB 207	ND	ND	ND	0.29	ND	ND	0.81
PCB 208	ND	ND	ND	1.4	ND	ND	3.3
PCB 209	ND	ND	ND	4.2	ND	ND	8.7
Total PCBs - Homologs	ND	ND	ND	105	ND	ND	364
Dioxins and Furans (µg/kg DW)							
Total TCDD	ND	ND	ND	0.00102	ND	ND	0.00467
2,3,7,8-TCDD	ND	ND	ND	<0.000121	ND	ND	<0.000115
Total PeCDD	ND	ND	ND	<0.000159	ND	ND	0.00308
1,2,3,7,8-PeCDD	ND	ND	ND	<0.000159	ND	ND	0.000377
Total HxCDD	ND	ND	ND	0.00854	ND	ND	0.0436
1,2,3,4,7,8-HxCDD	ND	ND	ND	0.000325	ND	ND	0.00139
1,2,3,6,7,8-HxCDD	ND	ND	ND	0.000508	ND	ND	0.00235
1,2,3,7,8,9-HxCDD	ND	ND	ND	0.000937	ND	ND	0.00505

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]						
	SD-CC10-01_P	SD-CC10-02_P	SD-CC10-03_S	SD-CC10-04_S	SD-CC10-05_P	SD-CC10-06_P	SD-CC10-07_S
Dioxins and Furans (µg/kg DW; cont.)							
Total HpCDD	ND	ND	ND	0.0696	ND	ND	0.297
1,2,3,4,6,7,8-HpCDD	ND	ND	ND	0.0294	ND	ND	0.124
Total OCDD	ND	ND	ND	0.743	ND	ND	2.67
Total TCDF	ND	ND	ND	0.0394	ND	ND	0.236
2,3,7,8-TCDF	ND	ND	ND	0.00743	ND	ND	0.0443
Total PeCDF	ND	ND	ND	0.0186	ND	ND	0.111
1,2,3,7,8-PeCDF	ND	ND	ND	0.0012	ND	ND	0.00654
2,3,4,7,8-PeCDF	ND	ND	ND	0.00193	ND	ND	0.0104
Total HxCDF	ND	ND	ND	0.00675	ND	ND	0.0396
1,2,3,4,7,8-HxCDF	ND	ND	ND	0.0018	ND	ND	0.00859
1,2,3,6,7,8-HxCDF	ND	ND	ND	0.000666	ND	ND	0.00348
1,2,3,7,8,9-HxCDF	ND	ND	ND	<0.000146	ND	ND	0.000373
2,3,4,6,7,8-HxCDF	ND	ND	ND	0.000343	ND	ND	0.00159
Total HpCDF	ND	ND	ND	0.005	ND	ND	0.0221
1,2,3,4,6,7,8-HpCDF	ND	ND	ND	0.0024	ND	ND	0.0107
1,2,3,4,7,8,9-HpCDF	ND	ND	ND	0.000366	ND	ND	0.00166
Total OCDF	ND	ND	ND	0.00363	ND	ND	0.0191
Mean Quotients							
Mean PEC-Q_{METALS}	0.0769	0.1071	0.0879	0.0991	0.08301	0.03918	0.169

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC10-08_P	SD-CC10-09_P	SD-CC10-10_S	SD-CC10-11_P	SD-CC10-12_S	SD-CC10-13_P	SD-CC10-14_P	SD-CC10-15_S
Conventionals								
Clay (%)	13.1	2.3	5.7	0.2	8	2.3	2.2	6.4
Silt (%)	81.6	33.4	22	15	48.5	17.4	14.8	49
Fines (silt+clay; %)	94.7	35.7	27.7	15.2	56.5	19.7	17	55.4
Gravel (%)	0	0	0	0	0	0	0	0
Sand (%)	5.3	64.3	72.3	84.8	43.5	80.3	83	44.6
Solids (%)	40.1	71.8	76.5	83.7	58.7	80.9	80.1	56.6
Phosphorus (mg/kg)	612	215	295	306	60.3	227	215	461
Total Organic Carbon (%)	1.8	0.41	0.55	0.33	1.7	0.37	0.39	2
Metals (mg/kg DW)								
Aluminum	13100	3520	3860	2360	913	2770	2080	6690
Antimony	<0.100	<0.100	<0.25	0.125	<0.25	<0.100	<0.100	<0.25
Arsenic	7.3	2.02	2.91	3.38	0.565	2.3	1.78	4.29
Barium	121	32.9	34.7	20.6	9.75	22.2	21.6	69.2
Beryllium	0.775	0.278	0.273	0.254	<0.25	0.208	0.195	0.418
Cadmium	0.408	0.142	<0.25	0.134	<0.25	<0.100	<0.100	0.34
Calcium	1400	487	520	399	286	379	555	2170
Chromium	18.8	9.5	16.9	28.8	1.66	18	7.81	11.4
Cobalt	13.7	4.03	3.66	2.61	0.873	2.52	2.57	6.73
Copper	16.6	4.81	4.66	3.83	1.18	3.21	3.15	13.4
Iron	24900	8610	10000	9980	1920	6880	5490	14400
Lead	25	7.34	10.4	7.44	2.6	7.36	5.87	16.7
Magnesium	985	379	373	227	182	238	296	1390
Manganese	1720	335	295	236	71.5	182	178	537
Mercury	0.223	ND	0.345	ND	0.608	ND	ND	0.589
Molybdenum	0.499	0.174	<0.25	0.333	<0.25	0.245	0.16	0.365
Nickel	11.4	3.61	3.37	2.18	0.872	2.14	2.16	6.95
Potassium	666	221	231	117	68.4	151	127	483
Selenium	0.64	0.149	0.269	<0.100	<0.25	0.176	<0.100	0.491
Silver	<0.100	<0.100	<0.25	<0.100	<0.25	<0.100	<0.100	<0.25
Sodium	41.1	14.1	13.7	7.75	<1	9.62	10.1	26.9
Thallium	0.242	<0.100	<0.25	<0.100	<0.25	<0.100	<0.100	<0.25

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC10-08_P	SD-CC10-09_P	SD-CC10-10_S	SD-CC10-11_P	SD-CC10-12_S	SD-CC10-13_P	SD-CC10-14_P	SD-CC10-15_S
Metals (mg/kg DW; cont.)								
Vanadium	23.4	6.64	8.33	10.7	1.39	6.59	4.17	9.92
Zinc	66.3	24.3	31.1	21.6	9.45	26.9	18.1	67.3
Polychlorinated Biphenyls (PCBs; µg/kg DW)								
Aroclor 1016	<5.13	<2.85	<1.3	<2.45	<1.69	<2.46	<2.55	<1.77
Aroclor 1221	<5.36	<2.98	<1.3	<2.55	<1.69	<2.57	<2.66	<1.77
Aroclor 1232	<5.36	<2.98	<1.3	<2.55	<1.69	<2.57	<2.66	<1.77
Aroclor 1242	<5.36	<2.98	<1.3	<2.55	<1.69	<2.57	<2.66	<1.77
Aroclor 1248	98.2	26.8	74.3	21.9	311	26.8	39.6	305
Aroclor 1254	136	33.8	99.3	48.4	422	41	55.4	380
Aroclor 1260	88.6	24.3	47.9	41.1	254	32.5	50.8	249
Total PCBs - Aroclors	333.4	90.8	224	116.5	990	105.4	151.1	938
PCB 001	ND	ND	ND	ND	ND	ND	ND	3.2
PCB 002	ND	ND	ND	ND	ND	ND	ND	0.37
PCB 003	ND	ND	ND	ND	ND	ND	ND	3.6
PCB 004	ND	ND	ND	ND	ND	ND	ND	2.5
PCB 005	ND	ND	ND	ND	ND	ND	ND	0.12
PCB 006	ND	ND	ND	ND	ND	ND	ND	1.5
PCB 007	ND	ND	ND	ND	ND	ND	ND	0.27
PCB 008	ND	ND	ND	ND	ND	ND	ND	4.4
PCB 009	ND	ND	ND	ND	ND	ND	ND	0.26
PCB 010	ND	ND	ND	ND	ND	ND	ND	0.14
PCB 011	ND	ND	ND	ND	ND	ND	ND	0.16
PCB 012 & 013	ND	ND	ND	ND	ND	ND	ND	0.98
PCB 014	ND	ND	ND	ND	ND	ND	ND	<0.042
PCB 015	ND	ND	ND	ND	ND	ND	ND	10
PCB 016	ND	ND	ND	ND	ND	ND	ND	0.41
PCB 017	ND	ND	ND	ND	ND	ND	ND	1.1
PCB 018 & 030	ND	ND	ND	ND	ND	ND	ND	1.2
PCB 019	ND	ND	ND	ND	ND	ND	ND	0.63
PCB 020 & 028	ND	ND	ND	ND	ND	ND	ND	6.2

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC10-08_P	SD-CC10-09_P	SD-CC10-10_S	SD-CC10-11_P	SD-CC10-12_S	SD-CC10-13_P	SD-CC10-14_P	SD-CC10-15_S
PCBs (µg/kg DW; cont.)								
PCB 021 & 033	ND	ND	ND	ND	ND	ND	ND	1.4
PCB 022	ND	ND	ND	ND	ND	ND	ND	1
PCB 023	ND	ND	ND	ND	ND	ND	ND	<0.04
PCB 024	ND	ND	ND	ND	ND	ND	ND	0.01
PCB 025	ND	ND	ND	ND	ND	ND	ND	1.3
PCB 026 & 029	ND	ND	ND	ND	ND	ND	ND	1.7
PCB 027	ND	ND	ND	ND	ND	ND	ND	0.3
PCB 031	ND	ND	ND	ND	ND	ND	ND	3.4
PCB 032	ND	ND	ND	ND	ND	ND	ND	0.53
PCB 034	ND	ND	ND	ND	ND	ND	ND	<0.042
PCB 035	ND	ND	ND	ND	ND	ND	ND	0.074
PCB 036	ND	ND	ND	ND	ND	ND	ND	0.083
PCB 037	ND	ND	ND	ND	ND	ND	ND	3.3
PCB 038	ND	ND	ND	ND	ND	ND	ND	<0.046
PCB 039	ND	ND	ND	ND	ND	ND	ND	<0.043
PCB 040 & 071	ND	ND	ND	ND	ND	ND	ND	1.2
PCB 041	ND	ND	ND	ND	ND	ND	ND	0.073
PCB 042	ND	ND	ND	ND	ND	ND	ND	0.89
PCB 043	ND	ND	ND	ND	ND	ND	ND	0.075
PCB 044 & 047 & 065	ND	ND	ND	ND	ND	ND	ND	4.1
PCB 045	ND	ND	ND	ND	ND	ND	ND	0.15
PCB 046	ND	ND	ND	ND	ND	ND	ND	0.073
PCB 048	ND	ND	ND	ND	ND	ND	ND	0.26
PCB 049 & 069	ND	ND	ND	ND	ND	ND	ND	3.5
PCB 050 & 053	ND	ND	ND	ND	ND	ND	ND	0.5
PCB 051	ND	ND	ND	ND	ND	ND	ND	0.25
PCB 052	ND	ND	ND	ND	ND	ND	ND	5.5
PCB 054	ND	ND	ND	ND	ND	ND	ND	0.079
PCB 055	ND	ND	ND	ND	ND	ND	ND	<0.028
PCB 056	ND	ND	ND	ND	ND	ND	ND	1.7
PCB 057	ND	ND	ND	ND	ND	ND	ND	0.048
PCB 058	ND	ND	ND	ND	ND	ND	ND	0.031

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC10-08_P	SD-CC10-09_P	SD-CC10-10_S	SD-CC10-11_P	SD-CC10-12_S	SD-CC10-13_P	SD-CC10-14_P	SD-CC10-15_S
PCBs (µg/kg DW; cont.)								
PCB 059 & 062 & 075	ND	ND	ND	ND	ND	ND	ND	0.34
PCB 060	ND	ND	ND	ND	ND	ND	ND	0.74
PCB 061 & 070 & 074 & 076	ND	ND	ND	ND	ND	ND	ND	5.8
PCB 063	ND	ND	ND	ND	ND	ND	ND	0.22
PCB 064	ND	ND	ND	ND	ND	ND	ND	1.6
PCB 066	ND	ND	ND	ND	ND	ND	ND	6.8
PCB 067	ND	ND	ND	ND	ND	ND	ND	0.15
PCB 068	ND	ND	ND	ND	ND	ND	ND	0.14
PCB 072	ND	ND	ND	ND	ND	ND	ND	0.13
PCB 073	ND	ND	ND	ND	ND	ND	ND	0.055
PCB 077	ND	ND	ND	ND	ND	ND	ND	0.99
PCB 078	ND	ND	ND	ND	ND	ND	ND	<0.031
PCB 079	ND	ND	ND	ND	ND	ND	ND	0.048
PCB 080	ND	ND	ND	ND	ND	ND	ND	<0.026
PCB 081	ND	ND	ND	ND	ND	ND	ND	<0.031
PCB 082	ND	ND	ND	ND	ND	ND	ND	0.47
PCB 083	ND	ND	ND	ND	ND	ND	ND	0.15
PCB 084	ND	ND	ND	ND	ND	ND	ND	0.74
PCB 085 & 116 & 117	ND	ND	ND	ND	ND	ND	ND	0.91
PCB 086 & 087 & 097 & 108 & 119 & 125	ND	ND	ND	ND	ND	ND	ND	2.9
PCB 088 & 091	ND	ND	ND	ND	ND	ND	ND	1
PCB 089	ND	ND	ND	ND	ND	ND	ND	<0.1
PCB 090 & 101 & 113	ND	ND	ND	ND	ND	ND	ND	5
PCB 092	ND	ND	ND	ND	ND	ND	ND	1.3
PCB 093 & 100	ND	ND	ND	ND	ND	ND	ND	0.26
PCB 094	ND	ND	ND	ND	ND	ND	ND	<0.097
PCB 095	ND	ND	ND	ND	ND	ND	ND	3
PCB 096	ND	ND	ND	ND	ND	ND	ND	0.042
PCB 098 & 102	ND	ND	ND	ND	ND	ND	ND	0.18
PCB 099	ND	ND	ND	ND	ND	ND	ND	3.6
PCB 103	ND	ND	ND	ND	ND	ND	ND	0.14
PCB 104	ND	ND	ND	ND	ND	ND	ND	0.019

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC10-08_P	SD-CC10-09_P	SD-CC10-10_S	SD-CC10-11_P	SD-CC10-12_S	SD-CC10-13_P	SD-CC10-14_P	SD-CC10-15_S
PCBs (µg/kg DW; cont.)								
PCB 105	ND	ND	ND	ND	ND	ND	ND	2.7
PCB 106	ND	ND	ND	ND	ND	ND	ND	<0.082
PCB 107 & 124	ND	ND	ND	ND	ND	ND	ND	0.13
PCB 109	ND	ND	ND	ND	ND	ND	ND	0.53
PCB 110 & 115	ND	ND	ND	ND	ND	ND	ND	6.9
PCB 111	ND	ND	ND	ND	ND	ND	ND	<0.067
PCB 112	ND	ND	ND	ND	ND	ND	ND	<0.064
PCB 114	ND	ND	ND	ND	ND	ND	ND	0.12
PCB 118	ND	ND	ND	ND	ND	ND	ND	6.3
PCB 120	ND	ND	ND	ND	ND	ND	ND	<0.071
PCB 121	ND	ND	ND	ND	ND	ND	ND	<0.067
PCB 122	ND	ND	ND	ND	ND	ND	ND	0.091
PCB 123	ND	ND	ND	ND	ND	ND	ND	0.086
PCB 126	ND	ND	ND	ND	ND	ND	ND	0.098
PCB 127	ND	ND	ND	ND	ND	ND	ND	<0.082
PCB 128 & 166	ND	ND	ND	ND	ND	ND	ND	1.3
PCB 129 & 138 & 163	ND	ND	ND	ND	ND	ND	ND	9.2
PCB 130	ND	ND	ND	ND	ND	ND	ND	0.55
PCB 131	ND	ND	ND	ND	ND	ND	ND	<0.063
PCB 132	ND	ND	ND	ND	ND	ND	ND	1.9
PCB 133	ND	ND	ND	ND	ND	ND	ND	0.26
PCB 134 & 143	ND	ND	ND	ND	ND	ND	ND	0.28
PCB 135 & 151	ND	ND	ND	ND	ND	ND	ND	2.9
PCB 136	ND	ND	ND	ND	ND	ND	ND	0.7
PCB 137	ND	ND	ND	ND	ND	ND	ND	0.13
PCB 139 & 140	ND	ND	ND	ND	ND	ND	ND	0.09
PCB 141	ND	ND	ND	ND	ND	ND	ND	0.8
PCB 142	ND	ND	ND	ND	ND	ND	ND	<0.058
PCB 144	ND	ND	ND	ND	ND	ND	ND	0.19
PCB 145	ND	ND	ND	ND	ND	ND	ND	<0.037
PCB 146	ND	ND	ND	ND	ND	ND	ND	1.8
PCB 147 & 149	ND	ND	ND	ND	ND	ND	ND	6.7

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC10-08_P	SD-CC10-09_P	SD-CC10-10_S	SD-CC10-11_P	SD-CC10-12_S	SD-CC10-13_P	SD-CC10-14_P	SD-CC10-15_S
PCBs (µg/kg DW; cont.)								
PCB 148	ND	ND	ND	ND	ND	ND	ND	0.057
PCB 150	ND	ND	ND	ND	ND	ND	ND	0.035
PCB 152	ND	ND	ND	ND	ND	ND	ND	<0.035
PCB 153 & 168	ND	ND	ND	ND	ND	ND	ND	7.7
PCB 154	ND	ND	ND	ND	ND	ND	ND	0.3
PCB 155	ND	ND	ND	ND	ND	ND	ND	<0.046
PCB 156 & 157	ND	ND	ND	ND	ND	ND	ND	0.99
PCB 158	ND	ND	ND	ND	ND	ND	ND	0.64
PCB 159	ND	ND	ND	ND	ND	ND	ND	0.013
PCB 160	ND	ND	ND	ND	ND	ND	ND	<0.046
PCB 161	ND	ND	ND	ND	ND	ND	ND	<0.04
PCB 162	ND	ND	ND	ND	ND	ND	ND	0.021
PCB 164	ND	ND	ND	ND	ND	ND	ND	0.49
PCB 165	ND	ND	ND	ND	ND	ND	ND	<0.046
PCB 167	ND	ND	ND	ND	ND	ND	ND	0.33
PCB 169	ND	ND	ND	ND	ND	ND	ND	<0.011
PCB 170	ND	ND	ND	ND	ND	ND	ND	1.4
PCB 171 & 173	ND	ND	ND	ND	ND	ND	ND	0.97
PCB 172	ND	ND	ND	ND	ND	ND	ND	0.64
PCB 174	ND	ND	ND	ND	ND	ND	ND	3.4
PCB 175	ND	ND	ND	ND	ND	ND	ND	0.12
PCB 176	ND	ND	ND	ND	ND	ND	ND	0.3
PCB 177	ND	ND	ND	ND	ND	ND	ND	2.8
PCB 178	ND	ND	ND	ND	ND	ND	ND	1.2
PCB 179	ND	ND	ND	ND	ND	ND	ND	1.5
PCB 180 & 193	ND	ND	ND	ND	ND	ND	ND	3.9
PCB 181	ND	ND	ND	ND	ND	ND	ND	0.018
PCB 182	ND	ND	ND	ND	ND	ND	ND	0.029
PCB 183	ND	ND	ND	ND	ND	ND	ND	1.7
PCB 184	ND	ND	ND	ND	ND	ND	ND	<0.0021
PCB 185	ND	ND	ND	ND	ND	ND	ND	0.37
PCB 186	ND	ND	ND	ND	ND	ND	ND	<0.0019

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC10-08_P	SD-CC10-09_P	SD-CC10-10_S	SD-CC10-11_P	SD-CC10-12_S	SD-CC10-13_P	SD-CC10-14_P	SD-CC10-15_S
PCBs (µg/kg DW; cont.)								
PCB 187	ND	ND	ND	ND	ND	ND	ND	6.2
PCB 188	ND	ND	ND	ND	ND	ND	ND	0.021
PCB 189	ND	ND	ND	ND	ND	ND	ND	0.12
PCB 190	ND	ND	ND	ND	ND	ND	ND	0.86
PCB 191	ND	ND	ND	ND	ND	ND	ND	0.13
PCB 192	ND	ND	ND	ND	ND	ND	ND	<0.006
PCB 194	ND	ND	ND	ND	ND	ND	ND	1.9
PCB 195	ND	ND	ND	ND	ND	ND	ND	0.7
PCB 196	ND	ND	ND	ND	ND	ND	ND	0.96
PCB 197	ND	ND	ND	ND	ND	ND	ND	0.032
PCB 198 & 199	ND	ND	ND	ND	ND	ND	ND	3.8
PCB 200	ND	ND	ND	ND	ND	ND	ND	0.15
PCB 201	ND	ND	ND	ND	ND	ND	ND	0.29
PCB 202	ND	ND	ND	ND	ND	ND	ND	0.91
PCB 203	ND	ND	ND	ND	ND	ND	ND	1.8
PCB 204	ND	ND	ND	ND	ND	ND	ND	<0.011
PCB 205	ND	ND	ND	ND	ND	ND	ND	0.11
PCB 206	ND	ND	ND	ND	ND	ND	ND	3.4
PCB 207	ND	ND	ND	ND	ND	ND	ND	0.26
PCB 208	ND	ND	ND	ND	ND	ND	ND	1.4
PCB 209	ND	ND	ND	ND	ND	ND	ND	2.7
Total PCBs - Homologs	ND	ND	ND	ND	ND	ND	ND	139
Dioxins and Furans (µg/kg DW)								
Total TCDD	ND	ND	ND	ND	ND	ND	ND	0.000809
2,3,7,8-TCDD	ND	ND	ND	ND	ND	ND	ND	<0.000106
Total PeCDD	ND	ND	ND	ND	ND	ND	ND	0.000122
1,2,3,7,8-PeCDD	ND	ND	ND	ND	ND	ND	ND	0.0000808
Total HxCDD	ND	ND	ND	ND	ND	ND	ND	0.0114
1,2,3,4,7,8-HxCDD	ND	ND	ND	ND	ND	ND	ND	0.000345
1,2,3,6,7,8-HxCDD	ND	ND	ND	ND	ND	ND	ND	0.000588
1,2,3,7,8,9-HxCDD	ND	ND	ND	ND	ND	ND	ND	0.00107

Table 10. Sediment chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CC10-08_P	SD-CC10-09_P	SD-CC10-10_S	SD-CC10-11_P	SD-CC10-12_S	SD-CC10-13_P	SD-CC10-14_P	SD-CC10-15_S
Dioxins and Furans (µg/kg DW; cont.)								
Total HpCDD	ND	ND	ND	ND	ND	ND	ND	0.0806
1,2,3,4,6,7,8-HpCDD	ND	ND	ND	ND	ND	ND	ND	0.0317
Total OCDD	ND	ND	ND	ND	ND	ND	ND	0.992
Total TCDF	ND	ND	ND	ND	ND	ND	ND	0.0406
2,3,7,8-TCDF	ND	ND	ND	ND	ND	ND	ND	0.00854
Total PeCDF	ND	ND	ND	ND	ND	ND	ND	0.0201
1,2,3,7,8-PeCDF	ND	ND	ND	ND	ND	ND	ND	0.00138
2,3,4,7,8-PeCDF	ND	ND	ND	ND	ND	ND	ND	0.00207
Total HxCDF	ND	ND	ND	ND	ND	ND	ND	0.00747
1,2,3,4,7,8-HxCDF	ND	ND	ND	ND	ND	ND	ND	0.00209
1,2,3,6,7,8-HxCDF	ND	ND	ND	ND	ND	ND	ND	0.000709
1,2,3,7,8,9-HxCDF	ND	ND	ND	ND	ND	ND	ND	0.0000843
2,3,4,6,7,8-HxCDF	ND	ND	ND	ND	ND	ND	ND	0.000366
Total HpCDF	ND	ND	ND	ND	ND	ND	ND	0.00521
1,2,3,4,6,7,8-HpCDF	ND	ND	ND	ND	ND	ND	ND	0.00255
1,2,3,4,7,8,9-HpCDF	ND	ND	ND	ND	ND	ND	ND	0.000372
Total OCDF	ND	ND	ND	ND	ND	ND	ND	0.00368
Mean Quotients								
Mean PEC-Q_{METALS}	0.1655	0.05602	0.0736	0.08065	0.0177	0.06051	0.04075	0.116

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 11. Sediment chemistry data for sampling sites located in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CR02-01_P	SD-CR02-02_P	SD-CR02-03_S	SD-CR02-04_P	SD-CR02-05_P	SD-CR02-07_P	SD-CR02-08_S	SD-CR02-09_S
Conventionals								
Clay (%)	11.9	9.9	3.8	1.7	2.8	3.6	14.2	12.3
Silt (%)	15	34.7	10.1	6.1	4.8	15	36.9	36.6
Fines (silt+clay; %)	26.9	44.6	13.9	7.8	7.6	18.6	51.1	48.9
Gravel (%)	0	0	0	0	0	0	0	0
Sand (%)	73.1	55.4	86.1	92.2	92.4	81.4	49	51.1
Solids (%)	78.6	71.3	75.4	81	81.3	79.6	76.7	80.2
Phosphorus (mg/kg)	112	333	649	97.9	229	223	254	246
Total Organic Carbon (%)	0.31	0.68	0.32	0.13	0.53	0.86	0.63	0.53
Metals (mg/kg DW)								
Aluminum	4300	6720	4620	1400	2000	2530	9140	8470
Antimony	<0.100	<0.100	<0.25	0.119	<0.100	<0.100	<0.25	<0.25
Arsenic	4.44	3.66	9.48	1.69	5.87	6.03	7.23	6.71
Barium	29.1	49.9	44.9	12.6	26.4	24.9	72.6	66.3
Beryllium	<0.100	0.393	0.406	<0.100	0.247	0.198	0.361	0.325
Cadmium	<0.100	0.147	<0.25	<0.100	<0.100	<0.100	<0.25	<0.25
Calcium	423	663	505	187	743	358	756	646
Chromium	14.1	21.1	26.3	12.4	33.8	26.5	18.4	16.4
Cobalt	1.03	4.71	8.25	0.88	4.04	4.93	7.23	6.53
Copper	3.51	6.09	2.69	1.41	3.17	5.19	5.31	4.64
Iron	9900	12400	18500	3880	12800	11100	15000	14400
Lead	3.73	13.7	22.8	2.61	11.7	9.91	16.4	14.4
Magnesium	222	409	276	71.5	142	134	403	355
Manganese	177	266	821	97.6	372	273	570	489
Mercury	ND	ND	0.283	0.0327	ND	ND	0.0345	0.0301
Molybdenum	0.302	0.216	0.495	0.197	0.559	1.24	0.598	0.559
Nickel	1.83	4.81	3.73	1.02	2.09	2.82	5.24	4.69
Potassium	180	276	129	50.5	71.5	100	234	207
Selenium	0.125	0.526	0.376	<0.100	0.169	0.166	0.525	0.422
Silver	<0.100	<0.100	<0.25	<0.100	<0.100	<0.100	<0.25	<0.25
Sodium	12.4	19.4	15	9.12	13.9	13.2	23.9	20.1
Thallium	<0.100	0.122	<0.25	<0.100	<0.100	<0.100	<0.25	<0.25

Table 11. Sediment chemistry data for sampling sites located in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CR02-01_P	SD-CR02-02_P	SD-CR02-03_S	SD-CR02-04_P	SD-CR02-05_P	SD-CR02-07_P	SD-CR02-08_S	SD-CR02-09_S
Metals (mg/kg DW; cont.)								
Vanadium	16.4	16.5	16.7	5.37	12.9	12.9	20.7	19.8
Zinc	9.25	26.1	28.8	6.44	10.6	14.8	26.9	24.4
Polychlorinated Biphenyls (PCBs; µg/kg DW)								
Aroclor 1016	<2.62	<2.88	<1.33	<2.51	<2.53	<2.57	<1.3	<1.24
Aroclor 1221	<2.73	<3.00	<1.33	<2.62	<2.64	<2.68	<1.3	<1.24
Aroclor 1232	<2.73	<3.00	<1.33	<2.62	<2.64	<2.68	<1.3	<1.24
Aroclor 1242	<2.73	<3.00	<1.33	<2.62	<2.64	<2.68	<1.3	<1.24
Aroclor 1248	5.04	20	8.54	5.7	6.01	5.37	11.5	8.16
Aroclor 1254	8.86	29.1	15.5	5.54	7.08	5.75	13.5	9.3
Aroclor 1260	7.4	30.6	8.46	4.16	4.28	5.09	5.8	3.87
Total PCBs - Aroclors	26.71	85.64	35.2	20.59	22.6	21.52	33.4	23.8
PCB 001	ND	ND	ND	ND	ND	ND	1.3	ND
PCB 002	ND	ND	ND	ND	ND	ND	0.064	ND
PCB 003	ND	ND	ND	ND	ND	ND	1	ND
PCB 004	ND	ND	ND	ND	ND	ND	1.6	ND
PCB 005	ND	ND	ND	ND	ND	ND	0.026	ND
PCB 006	ND	ND	ND	ND	ND	ND	0.4	ND
PCB 007	ND	ND	ND	ND	ND	ND	0.074	ND
PCB 008	ND	ND	ND	ND	ND	ND	1.4	ND
PCB 009	ND	ND	ND	ND	ND	ND	0.077	ND
PCB 010	ND	ND	ND	ND	ND	ND	0.083	ND
PCB 011	ND	ND	ND	ND	ND	ND	0.046	ND
PCB 012 & 013	ND	ND	ND	ND	ND	ND	0.2	ND
PCB 014	ND	ND	ND	ND	ND	ND	<0.013	ND
PCB 015	ND	ND	ND	ND	ND	ND	2.2	ND
PCB 016	ND	ND	ND	ND	ND	ND	0.098	ND
PCB 017	ND	ND	ND	ND	ND	ND	0.41	ND
PCB 018 & 030	ND	ND	ND	ND	ND	ND	0.3	ND
PCB 019	ND	ND	ND	ND	ND	ND	0.31	ND
PCB 020 & 028	ND	ND	ND	ND	ND	ND	1.2	ND

Table 11. Sediment chemistry data for sampling sites located in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CR02-01_P	SD-CR02-02_P	SD-CR02-03_S	SD-CR02-04_P	SD-CR02-05_P	SD-CR02-07_P	SD-CR02-08_S	SD-CR02-09_S
PCBs (µg/kg DW; cont.)								
PCB 021 & 033	ND	ND	ND	ND	ND	ND	0.18	ND
PCB 022	ND	ND	ND	ND	ND	ND	0.2	ND
PCB 023	ND	ND	ND	ND	ND	ND	<0.011	ND
PCB 024	ND	ND	ND	ND	ND	ND	<0.0013	ND
PCB 025	ND	ND	ND	ND	ND	ND	0.29	ND
PCB 026 & 029	ND	ND	ND	ND	ND	ND	0.37	ND
PCB 027	ND	ND	ND	ND	ND	ND	0.13	ND
PCB 031	ND	ND	ND	ND	ND	ND	0.73	ND
PCB 032	ND	ND	ND	ND	ND	ND	0.21	ND
PCB 034	ND	ND	ND	ND	ND	ND	<0.012	ND
PCB 035	ND	ND	ND	ND	ND	ND	0.015	ND
PCB 036	ND	ND	ND	ND	ND	ND	0.024	ND
PCB 037	ND	ND	ND	ND	ND	ND	0.63	ND
PCB 038	ND	ND	ND	ND	ND	ND	<0.013	ND
PCB 039	ND	ND	ND	ND	ND	ND	<0.012	ND
PCB 040 & 071	ND	ND	ND	ND	ND	ND	0.27	ND
PCB 041	ND	ND	ND	ND	ND	ND	0.012	ND
PCB 042	ND	ND	ND	ND	ND	ND	0.2	ND
PCB 043	ND	ND	ND	ND	ND	ND	0.014	ND
PCB 044 & 047 & 065	ND	ND	ND	ND	ND	ND	1.1	ND
PCB 045	ND	ND	ND	ND	ND	ND	0.027	ND
PCB 046	ND	ND	ND	ND	ND	ND	0.02	ND
PCB 048	ND	ND	ND	ND	ND	ND	0.045	ND
PCB 049 & 069	ND	ND	ND	ND	ND	ND	0.9	ND
PCB 050 & 053	ND	ND	ND	ND	ND	ND	0.16	ND
PCB 051	ND	ND	ND	ND	ND	ND	0.11	ND
PCB 052	ND	ND	ND	ND	ND	ND	1.3	ND
PCB 054	ND	ND	ND	ND	ND	ND	0.038	ND
PCB 055	ND	ND	ND	ND	ND	ND	<0.0064	ND
PCB 056	ND	ND	ND	ND	ND	ND	0.39	ND
PCB 057	ND	ND	ND	ND	ND	ND	0.0067	ND
PCB 058	ND	ND	ND	ND	ND	ND	<0.0063	ND

Table 11. Sediment chemistry data for sampling sites located in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CR02-01_P	SD-CR02-02_P	SD-CR02-03_S	SD-CR02-04_P	SD-CR02-05_P	SD-CR02-07_P	SD-CR02-08_S	SD-CR02-09_S
PCBs (µg/kg DW; cont.)								
PCB 059 & 062 & 075	ND	ND	ND	ND	ND	ND	0.08	ND
PCB 060	ND	ND	ND	ND	ND	ND	0.14	ND
PCB 061 & 070 & 074 & 076	ND	ND	ND	ND	ND	ND	1.4	ND
PCB 063	ND	ND	ND	ND	ND	ND	0.051	ND
PCB 064	ND	ND	ND	ND	ND	ND	0.31	ND
PCB 066	ND	ND	ND	ND	ND	ND	1.7	ND
PCB 067	ND	ND	ND	ND	ND	ND	0.02	ND
PCB 068	ND	ND	ND	ND	ND	ND	0.032	ND
PCB 072	ND	ND	ND	ND	ND	ND	0.032	ND
PCB 073	ND	ND	ND	ND	ND	ND	0.016	ND
PCB 077	ND	ND	ND	ND	ND	ND	0.27	ND
PCB 078	ND	ND	ND	ND	ND	ND	<0.0071	ND
PCB 079	ND	ND	ND	ND	ND	ND	0.024	ND
PCB 080	ND	ND	ND	ND	ND	ND	<0.0059	ND
PCB 081	ND	ND	ND	ND	ND	ND	<0.0069	ND
PCB 082	ND	ND	ND	ND	ND	ND	0.14	ND
PCB 083	ND	ND	ND	ND	ND	ND	0.052	ND
PCB 084	ND	ND	ND	ND	ND	ND	0.2	ND
PCB 085 & 116 & 117	ND	ND	ND	ND	ND	ND	0.29	ND
PCB 086 & 087 & 097 & 108 & 119 & 125	ND	ND	ND	ND	ND	ND	0.87	ND
PCB 088 & 091	ND	ND	ND	ND	ND	ND	0.29	ND
PCB 089	ND	ND	ND	ND	ND	ND	<0.031	ND
PCB 090 & 101 & 113	ND	ND	ND	ND	ND	ND	1.6	ND
PCB 092	ND	ND	ND	ND	ND	ND	0.37	ND
PCB 093 & 100	ND	ND	ND	ND	ND	ND	0.066	ND
PCB 094	ND	ND	ND	ND	ND	ND	<0.029	ND
PCB 095	ND	ND	ND	ND	ND	ND	0.52	ND
PCB 096	ND	ND	ND	ND	ND	ND	0.015	ND
PCB 098 & 102	ND	ND	ND	ND	ND	ND	0.039	ND
PCB 099	ND	ND	ND	ND	ND	ND	1.1	ND
PCB 103	ND	ND	ND	ND	ND	ND	0.035	ND
PCB 104	ND	ND	ND	ND	ND	ND	0.011	ND

Table 11. Sediment chemistry data for sampling sites located in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CR02-01_P	SD-CR02-02_P	SD-CR02-03_S	SD-CR02-04_P	SD-CR02-05_P	SD-CR02-07_P	SD-CR02-08_S	SD-CR02-09_S
PCBs (µg/kg DW; cont.)								
PCB 105	ND	ND	ND	ND	ND	ND	0.8	ND
PCB 106	ND	ND	ND	ND	ND	ND	<0.025	ND
PCB 107 & 124	ND	ND	ND	ND	ND	ND	0.051	ND
PCB 109	ND	ND	ND	ND	ND	ND	0.17	ND
PCB 110 & 115	ND	ND	ND	ND	ND	ND	2	ND
PCB 111	ND	ND	ND	ND	ND	ND	<0.02	ND
PCB 112	ND	ND	ND	ND	ND	ND	<0.019	ND
PCB 114	ND	ND	ND	ND	ND	ND	0.032	ND
PCB 118	ND	ND	ND	ND	ND	ND	2	ND
PCB 120	ND	ND	ND	ND	ND	ND	<0.021	ND
PCB 121	ND	ND	ND	ND	ND	ND	<0.02	ND
PCB 122	ND	ND	ND	ND	ND	ND	0.031	ND
PCB 123	ND	ND	ND	ND	ND	ND	0.032	ND
PCB 126	ND	ND	ND	ND	ND	ND	0.027	ND
PCB 127	ND	ND	ND	ND	ND	ND	<0.025	ND
PCB 128 & 166	ND	ND	ND	ND	ND	ND	0.38	ND
PCB 129 & 138 & 163	ND	ND	ND	ND	ND	ND	2.8	ND
PCB 130	ND	ND	ND	ND	ND	ND	0.16	ND
PCB 131	ND	ND	ND	ND	ND	ND	<0.018	ND
PCB 132	ND	ND	ND	ND	ND	ND	0.54	ND
PCB 133	ND	ND	ND	ND	ND	ND	0.085	ND
PCB 134 & 143	ND	ND	ND	ND	ND	ND	0.091	ND
PCB 135 & 151	ND	ND	ND	ND	ND	ND	0.83	ND
PCB 136	ND	ND	ND	ND	ND	ND	0.2	ND
PCB 137	ND	ND	ND	ND	ND	ND	0.061	ND
PCB 139 & 140	ND	ND	ND	ND	ND	ND	0.027	ND
PCB 141	ND	ND	ND	ND	ND	ND	0.3	ND
PCB 142	ND	ND	ND	ND	ND	ND	<0.016	ND
PCB 144	ND	ND	ND	ND	ND	ND	0.057	ND
PCB 145	ND	ND	ND	ND	ND	ND	<0.011	ND
PCB 146	ND	ND	ND	ND	ND	ND	0.52	ND
PCB 147 & 149	ND	ND	ND	ND	ND	ND	1.9	ND

Table 11. Sediment chemistry data for sampling sites located in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CR02-01_P	SD-CR02-02_P	SD-CR02-03_S	SD-CR02-04_P	SD-CR02-05_P	SD-CR02-07_P	SD-CR02-08_S	SD-CR02-09_S
PCBs (µg/kg DW; cont.)								
PCB 148	ND	ND	ND	ND	ND	ND	0.02	ND
PCB 150	ND	ND	ND	ND	ND	ND	0.011	ND
PCB 152	ND	ND	ND	ND	ND	ND	<0.01	ND
PCB 153 & 168	ND	ND	ND	ND	ND	ND	2.3	ND
PCB 154	ND	ND	ND	ND	ND	ND	0.098	ND
PCB 155	ND	ND	ND	ND	ND	ND	<0.014	ND
PCB 156 & 157	ND	ND	ND	ND	ND	ND	0.32	ND
PCB 158	ND	ND	ND	ND	ND	ND	0.19	ND
PCB 159	ND	ND	ND	ND	ND	ND	0.0046	ND
PCB 160	ND	ND	ND	ND	ND	ND	<0.013	ND
PCB 161	ND	ND	ND	ND	ND	ND	<0.011	ND
PCB 162	ND	ND	ND	ND	ND	ND	0.0057	ND
PCB 164	ND	ND	ND	ND	ND	ND	0.16	ND
PCB 165	ND	ND	ND	ND	ND	ND	0.014	ND
PCB 167	ND	ND	ND	ND	ND	ND	0.1	ND
PCB 169	ND	ND	ND	ND	ND	ND	<0.0032	ND
PCB 170	ND	ND	ND	ND	ND	ND	0.89	ND
PCB 171 & 173	ND	ND	ND	ND	ND	ND	0.28	ND
PCB 172	ND	ND	ND	ND	ND	ND	0.19	ND
PCB 174	ND	ND	ND	ND	ND	ND	0.99	ND
PCB 175	ND	ND	ND	ND	ND	ND	0.036	ND
PCB 176	ND	ND	ND	ND	ND	ND	0.092	ND
PCB 177	ND	ND	ND	ND	ND	ND	0.74	ND
PCB 178	ND	ND	ND	ND	ND	ND	0.36	ND
PCB 179	ND	ND	ND	ND	ND	ND	0.45	ND
PCB 180 & 193	ND	ND	ND	ND	ND	ND	1.8	ND
PCB 181	ND	ND	ND	ND	ND	ND	0.0073	ND
PCB 182	ND	ND	ND	ND	ND	ND	0.011	ND
PCB 183	ND	ND	ND	ND	ND	ND	0.47	ND
PCB 184	ND	ND	ND	ND	ND	ND	<0.0012	ND
PCB 185	ND	ND	ND	ND	ND	ND	0.12	ND
PCB 186	ND	ND	ND	ND	ND	ND	<0.0011	ND

Table 11. Sediment chemistry data for sampling sites located in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CR02-01_P	SD-CR02-02_P	SD-CR02-03_S	SD-CR02-04_P	SD-CR02-05_P	SD-CR02-07_P	SD-CR02-08_S	SD-CR02-09_S
PCBs (µg/kg DW; cont.)								
PCB 187	ND	ND	ND	ND	ND	ND	1.8	ND
PCB 188	ND	ND	ND	ND	ND	ND	0.0079	ND
PCB 189	ND	ND	ND	ND	ND	ND	0.037	ND
PCB 190	ND	ND	ND	ND	ND	ND	0.25	ND
PCB 191	ND	ND	ND	ND	ND	ND	0.035	ND
PCB 192	ND	ND	ND	ND	ND	ND	<0.002	ND
PCB 194	ND	ND	ND	ND	ND	ND	0.6	ND
PCB 195	ND	ND	ND	ND	ND	ND	0.21	ND
PCB 196	ND	ND	ND	ND	ND	ND	0.31	ND
PCB 197	ND	ND	ND	ND	ND	ND	0.017	ND
PCB 198 & 199	ND	ND	ND	ND	ND	ND	1.1	ND
PCB 200	ND	ND	ND	ND	ND	ND	0.091	ND
PCB 201	ND	ND	ND	ND	ND	ND	0.1	ND
PCB 202	ND	ND	ND	ND	ND	ND	0.28	ND
PCB 203	ND	ND	ND	ND	ND	ND	0.65	ND
PCB 204	ND	ND	ND	ND	ND	ND	<0.0017	ND
PCB 205	ND	ND	ND	ND	ND	ND	0.034	ND
PCB 206	ND	ND	ND	ND	ND	ND	1.1	ND
PCB 207	ND	ND	ND	ND	ND	ND	0.095	ND
PCB 208	ND	ND	ND	ND	ND	ND	0.37	ND
PCB 209	ND	ND	ND	ND	ND	ND	1.3	ND
Total PCBs - Homologs	ND	ND	ND	ND	ND	ND	42	ND
Dioxins and Furans (µg/kg DW)								
Total TCDD	ND	ND	ND	ND	ND	ND	0.00049	ND
2,3,7,8-TCDD	ND	ND	ND	ND	ND	ND	<0.000158	ND
Total PeCDD	ND	ND	ND	ND	ND	ND	<0.000128	ND
1,2,3,7,8-PeCDD	ND	ND	ND	ND	ND	ND	<0.000128	ND
Total HxCDD	ND	ND	ND	ND	ND	ND	0.00474	ND
1,2,3,4,7,8-HxCDD	ND	ND	ND	ND	ND	ND	0.000251	ND
1,2,3,6,7,8-HxCDD	ND	ND	ND	ND	ND	ND	0.000362	ND
1,2,3,7,8,9-HxCDD	ND	ND	ND	ND	ND	ND	0.000872	ND

Table 11. Sediment chemistry data for sampling sites located in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SD-CR02-01_P	SD-CR02-02_P	SD-CR02-03_S	SD-CR02-04_P	SD-CR02-05_P	SD-CR02-07_P	SD-CR02-08_S	SD-CR02-09_S
Dioxins and Furans (µg/kg DW; cont.)								
Total HpCDD	ND	ND	ND	ND	ND	ND	0.0759	ND
1,2,3,4,6,7,8-HpCDD	ND	ND	ND	ND	ND	ND	0.0385	ND
Total OCDD	ND	ND	ND	ND	ND	ND	1.93	ND
Total TCDF	ND	ND	ND	ND	ND	ND	0.00714	ND
2,3,7,8-TCDF	ND	ND	ND	ND	ND	ND	0.00188	ND
Total PeCDF	ND	ND	ND	ND	ND	ND	0.00275	ND
1,2,3,7,8-PeCDF	ND	ND	ND	ND	ND	ND	0.000272	ND
2,3,4,7,8-PeCDF	ND	ND	ND	ND	ND	ND	0.000504	ND
Total HxCDF	ND	ND	ND	ND	ND	ND	0.00153	ND
1,2,3,4,7,8-HxCDF	ND	ND	ND	ND	ND	ND	0.000541	ND
1,2,3,6,7,8-HxCDF	ND	ND	ND	ND	ND	ND	0.000172	ND
1,2,3,7,8,9-HxCDF	ND	ND	ND	ND	ND	ND	<0.000133	ND
2,3,4,6,7,8-HxCDF	ND	ND	ND	ND	ND	ND	<0.000121	ND
Total HpCDF	ND	ND	ND	ND	ND	ND	0.00108	ND
1,2,3,4,6,7,8-HpCDF	ND	ND	ND	ND	ND	ND	<0.000898	ND
1,2,3,4,7,8,9-HpCDF	ND	ND	ND	ND	ND	ND	0.000157	ND
Total OCDF	ND	ND	ND	ND	ND	ND	0.00167	ND
Mean Quotients								
Mean PEC-Q_{METALS}	0.05459	0.09061	0.126	0.03398	0.09589	0.09058	0.106	0.0956

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 12. Summary of sediment chemistry data collected in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Conc	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	6	0	NA	3.52	3.32	2.56	0.7	10	0.975	1.25	1.95	2.5	3.35	6.8	8.4
Silt (%)	6	0	NA	13.5	21.2	5.23	0.4	56.2	1.1	1.8	3.58	5.15	9.5	33.5	44.9
Fines (silt+clay; %)	6	0	NA	17	24.4	9.13	3	66.2	3.23	3.45	4.55	7.25	12.8	40.3	53.3
Gravel (%)	6	0	NA	0	0	NA	0	0	0	0	0	0	0	0	0
Sand (%)	6	0	NA	83	24.4	78.4	33.8	97	46.8	59.7	87.2	92.8	95.5	96.6	96.8
Solids (%)	6	0	NA	72.7	11.3	71.8	50.8	81.5	56.1	61.5	72.6	75.8	79.4	80.8	81.1
Phosphorus (mg/kg)	6	0	NA	174	141	141	73.5	447	75.9	78.3	90.3	121	181	323	385
Total Organic Carbon (%)	6	0	NA	0.6	0.9	0.29	0.08	2.4	0.0925	0.105	0.148	0.2	0.493	1.5	1.95
Metals (mg/kg DW)															
Aluminum	6	0	NA	3350	2480	2820	1590	8180	1620	1650	1830	2520	3410	5890	7040
Antimony	6	100	<0.1 to <0.25	0.0625	0.0306	0.0582	<0.1	<0.25	0.05	0.05	0.05	0.05	0.05	0.0875	0.106
Arsenic	6	0	NA	1.43	0.928	1.22	0.62	3.15	0.638	0.657	0.807	1.22	1.56	2.4	2.78
Barium	6	0	NA	43.9	30.5	37.6	21.7	103	22.9	24.1	27	31.4	45.5	76.1	89.6
Beryllium	6	16.7	<0.25	0.292	0.222	0.241	0.132	0.716	0.127	0.129	0.154	0.221	0.31	0.528	0.622
Cadmium	6	83.3	<0.1 to <0.25	0.08	0.0474	0.0703	<0.1	<0.25	0.05	0.05	0.05	0.05	0.106	0.14	0.148
Calcium	6	0	NA	644	572	473	186	1670	194	202	256	423	826	1310	1490
Chromium	6	0	NA	5.84	2.94	5.2	2.47	9.46	2.67	2.88	3.65	5.33	8.34	9.31	9.38
Cobalt	6	0	NA	4.33	2.82	3.72	2.06	9.51	2.09	2.13	2.43	3.38	5.01	7.5	8.5
Copper	6	0	NA	10.8	12.7	6.92	1.94	36.1	2.43	2.91	4.28	6.87	8.74	22.5	29.3
Iron	6	0	NA	7400	4560	6480	3840	15900	3870	3910	4420	5850	8200	12400	14200
Lead	6	0	NA	9.94	6.99	8.18	4.31	20.7	4.33	4.36	4.99	6.77	14.2	18.7	19.7
Magnesium	6	0	NA	758	346	701	455	1350	465	474	519	631	905	1170	1260
Manganese	6	0	NA	379	274	309	137	871	143	150	187	306	458	683	777
Mercury	1	0	NA	0.245	NA	0.245	0.245	0.245	NA	NA	NA	NA	NA	NA	NA
Molybdenum	6	33.3	<0.1 to <0.25	0.134	0.0642	0.121	<0.1	<0.25	0.0648	0.0795	0.113	0.125	0.143	0.198	0.222
Nickel	6	0	NA	3.52	2.23	3.05	1.71	7.63	1.75	1.79	2.07	2.75	4	6.01	6.82
Potassium	6	0	NA	300	178	268	175	642	176	177	189	234	316	491	566
Selenium	6	33.3	<0.1 to <0.25	0.199	0.188	0.15	<0.1	0.57	0.067	0.084	0.12	0.131	0.182	0.384	0.477
Silver	6	100	<0.1 to <0.25	0.0625	0.0306	0.0582	<0.1	<0.25	0.05	0.05	0.05	0.05	0.05	0.0875	0.106
Sodium	6	0	NA	12.7	5.4	11.8	8.05	21.9	8.29	8.54	9.1	10.4	15.1	19.1	20.5

Table 12. Summary of sediment chemistry data collected in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Conc	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Metals (mg/kg DW; cont.)															
Thallium	6	83.3	<0.1 to <0.25	0.0747	0.0382	0.0677	<0.1	<0.25	0.05	0.05	0.05	0.05	0.105	0.124	0.125
Vanadium	6	0	NA	5.19	3.85	4.21	1.77	12.3	1.9	2.02	2.72	4.21	5.89	9.36	10.8
Zinc	6	0	NA	28.9	18.1	25.4	14.9	63.1	15.4	16	18	22	31.8	48.9	56
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	6	100	<1.35 to <4.07	1.32	0.437	1.26	<1.35	<4.07	0.806	0.938	1.22	1.29	1.4	1.73	1.88
Aroclor 1221	6	100	<1.35 to <4.25	1.37	0.465	1.3	<1.35	<4.25	0.819	0.963	1.27	1.35	1.46	1.81	1.97
Aroclor 1232	6	100	<1.35 to <4.25	1.37	0.465	1.3	<1.35	<4.25	0.819	0.963	1.27	1.35	1.46	1.81	1.97
Aroclor 1242	6	100	<1.35 to <4.25	1.37	0.465	1.3	<1.35	<4.25	0.819	0.963	1.27	1.35	1.46	1.81	1.97
Aroclor 1248	6	50	<1.35 to <2.98	22.8	42.2	4.55	<1.35	107	0.819	0.963	1.31	2.16	18.3	65.2	86.1
Aroclor 1254	6	33.3	<2.5 to <2.98	24.3	38	6.43	2.14	94.7	1.31	1.37	1.65	3.31	32.5	68.3	81.5
Aroclor 1260	6	50	<1.35 to <2.95	18.3	30.8	4.53	<1.35	78.4	0.816	0.958	1.3	2.55	19.4	51.5	65
Total PCBs - Aroclors	6	33.3	<17.4 to <20.7	70.9	111	25.2	6.19	285	6.82	7.44	9.11	13.3	77.8	192	239
Mean Quotients															
Mean PEC-Q_{METALS}	6	0	NA	0.0567	0.0394	0.048	0.0264	0.13	0.0267	0.0269	0.031	0.0426	0.0643	0.101	0.115

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 13. Summary of sediment chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Conce	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	14	0	NA	7.03	4.4	5.04	0.7	13.9	0.7	1.03	3.53	7.7	10	11.9	12.6
Silt (%)	14	0	NA	31.8	23	21.9	3.4	73.8	4.18	4.78	13	34.9	45.1	62.5	70
Fines (silt+clay; %)	14	0	NA	38.9	27.1	27.1	4.1	87.7	4.88	5.81	16.5	43.5	57	72.4	81.3
Gravel (%)	14	0	NA	0.0857	0.146	NA	0	0.4	0	0	0	0	0.1	0.34	0.4
Sand (%)	14	0	NA	61.1	27.2	53.5	12.3	95.9	18.5	27.4	42.8	56.5	83.4	94.1	95.1
Solids (%)	14	0	NA	68.1	13.4	66.6	36.8	84.4	43.7	51.6	65.2	68.8	74.7	84	84.1
Phosphorus (mg/kg)	14	0	NA	431	210	393	208	972	221	229	332	387	443	697	836
Total Organic Carbon (%)	14	0	NA	1.28	1.1	0.844	0.16	3.6	0.173	0.216	0.403	1.01	1.8	2.79	3.21
Metals (mg/kg DW)															
Aluminum	14	0	NA	6750	3800	5770	2280	15800	2350	2420	4150	6820	8750	10400	12600
Antimony	14	85.7	<0.1 to <0.25	0.078	0.0393	0.07	<0.1	<0.25	0.05	0.05	0.05	0.05	0.125	0.125	0.132
Arsenic	14	0	NA	2.4	0.858	2.26	1.25	4.47	1.35	1.43	1.89	2.32	2.65	3.29	3.72
Barium	14	0	NA	78.4	33.4	72.1	38.1	148	41.1	43	49.4	73.7	101	118	130
Beryllium	14	0	NA	0.598	0.217	0.562	0.25	1.1	0.327	0.383	0.443	0.599	0.702	0.81	0.928
Cadmium	14	50	<0.1 to <0.25	0.158	0.107	0.126	<0.1	0.362	0.05	0.05	0.063	0.125	0.205	0.326	0.361
Calcium	14	0	NA	1650	546	1540	513	2470	790	963	1510	1660	2020	2280	2370
Chromium	14	0	NA	12.6	4.18	12.1	5.93	24.6	8.45	9.96	10.8	11.7	13.6	15.6	19.1
Cobalt	14	0	NA	7.6	2.77	7.16	3.67	14.5	4.01	4.57	5.72	7.8	8.54	10.1	12
Copper	14	0	NA	16.7	9.72	14.4	5.76	40.6	6.18	7	9.84	15.1	19.5	28.3	33.6
Iron	14	0	NA	13800	4590	13200	8250	24500	8260	8310	11000	13300	15600	18900	21300
Lead	14	0	NA	20.8	9.46	19	9.17	42.2	10.2	11	13.9	18.5	26.4	31.7	36
Magnesium	14	0	NA	1120	340	1070	670	1700	671	681	749	1200	1290	1520	1630
Manganese	14	0	NA	423	159	387	118	624	173	216	354	424	550	603	614
Mercury	8	0	NA	0.591	0.237	0.547	0.272	0.989	0.304	0.336	0.404	0.599	0.737	0.827	0.908
Molybdenum	14	14.3	<0.25	0.241	0.0889	0.227	0.146	0.442	0.125	0.131	0.18	0.243	0.258	0.347	0.395
Nickel	14	0	NA	7.96	2.89	7.53	4.4	15.6	4.63	4.86	6.33	7.57	8.81	10.6	12.7
Potassium	14	0	NA	597	322	520	235	1170	237	245	371	533	768	1090	1140
Selenium	14	7.14	<0.25	0.378	0.207	0.317	0.108	0.796	0.115	0.12	0.196	0.371	0.517	0.598	0.676
Silver	14	64.3	<0.1 to <0.25	0.121	0.0866	0.0977	<0.1	0.319	0.05	0.05	0.05	0.115	0.125	0.245	0.278
Sodium	14	0	NA	30.3	9.1	29.1	17	49.3	19.5	21.8	24.7	27.3	35.3	42.4	45.1
Thallium	14	50	<0.1 to <0.25	0.121	0.0598	0.107	<0.1	0.253	0.05	0.05	0.0633	0.125	0.147	0.186	0.214
Vanadium	14	0	NA	11.4	5.35	10.4	5.57	25.5	5.76	6.02	7.17	11	12.9	16.2	19.9
Zinc	14	0	NA	69.1	32.7	62.5	29.9	139	32.8	35.5	46.6	60.7	86.6	114	129
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	14	100	<1.33 to <5.55	1.41	0.559	1.31	<1.33	<5.55	0.714	0.748	1.19	1.37	1.57	2	2.36

Table 13. Summary of sediment chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Conce	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
Aroclor 1221	14	100	<1.33 to <5.79	1.46	0.592	1.36	<1.33	<5.79	0.714	0.748	1.24	1.43	1.64	2.09	2.46
Aroclor 1232	14	100	<1.33 to <5.79	1.46	0.592	1.36	<1.33	<5.79	0.714	0.748	1.24	1.43	1.64	2.09	2.46
Aroclor 1242	14	100	<1.33 to <5.79	1.46	0.592	1.36	<1.33	<5.79	0.714	0.748	1.24	1.43	1.64	2.09	2.46
Aroclor 1248	14	0	NA	574	394	468	131	1710	151	186	355	542	712	777	1120
Aroclor 1254	14	0	NA	748	420	621	162	1680	230	270	354	862	986	1030	1260
Aroclor 1260	14	0	NA	539	321	443	126	1220	138	171	267	505	739	910	1050
Total PCBs - Aroclors	14	0	NA	1870	1090	1560	424	4620	522	632	981	2070	2300	2530	3290
PCB 001	6	0	NA	51.3	42.6	37.2	6.69	132	13.4	20.1	34.6	40.9	51.3	92.9	112
PCB 002	6	0	NA	1.75	1.08	1.3	0.199	3.12	0.368	0.538	1.11	1.85	2.42	2.86	2.99
PCB 003	6	0	NA	27.1	19.8	20.6	4.61	62.3	6.63	8.66	15.7	26.4	29.6	46.2	54.2
PCB 004	6	0	NA	76.4	88.2	44.4	5.56	251	11.7	17.8	34.4	53.1	64.1	158	205
PCB 005	6	83.3	<0.0071 to <0.38	0.18	0.219	0.0822	<0.0071	0.61	0.0227	0.0418	0.0813	0.0975	0.17	0.4	0.505
PCB 006	6	0	NA	12	13.2	7.23	0.902	38.1	1.98	3.05	6.18	9.24	9.38	23.7	30.9
PCB 007	6	0	NA	2.16	2.41	1.27	0.152	6.91	0.339	0.526	1.04	1.58	1.8	4.37	5.64
PCB 008	6	0	NA	42.8	45.2	27.1	3.83	132	8.17	12.5	23.9	32.9	34.2	83.2	108
PCB 009	6	0	NA	1.4	1.21	0.93	0.115	3.67	0.259	0.403	0.818	1.26	1.38	2.54	3.1
PCB 010	6	0	NA	4.06	3.37	2.56	0.227	10.1	0.67	1.11	2.29	3.61	4.64	7.46	8.78
PCB 011	6	16.7	<0.73	0.791	0.68	0.543	0.11	1.78	0.174	0.237	0.381	0.495	1.27	1.64	1.71
PCB 012 & 013	6	0	NA	5.29	3.87	3.94	0.757	11.9	1.24	1.72	3.17	4.69	6.44	9.45	10.7
PCB 014	6	100	<0.0034 to <0.31	0.077	0.0495	0.0452	<0.0034	<0.31	0.0175	0.0334	0.0663	0.0725	0.09	0.125	0.14
PCB 015	6	0	NA	68.6	52.6	49.7	8.15	164	15.4	22.6	43.6	63.6	72.3	120	142
PCB 016	6	0	NA	5.06	6.83	2.7	0.394	18.8	0.708	1.02	2.01	3.09	3.27	11.1	14.9
PCB 017	6	0	NA	38.3	47.3	22.1	3.09	133	6.56	10	18.5	23.6	28.4	81.4	107
PCB 018 & 030	6	0	NA	21.3	27.3	11.9	1.63	76.1	3.45	5.26	9.92	13.4	14.2	45.2	60.7
PCB 019	6	0	NA	28.7	26.3	19.1	2.58	79.1	5.94	9.29	17.3	22.9	28	54.1	66.6
PCB 020 & 028	6	0	NA	55.5	40.7	38.6	4.74	125	11.3	17.8	34.2	54.2	64.1	94.6	110
PCB 021 & 033	6	0	NA	7.1	5.09	4.96	0.652	13.6	1.41	2.16	4.23	5.99	11	13.2	13.4
PCB 022	6	0	NA	9.1	7.55	6.28	0.885	23.1	1.89	2.89	5.44	8.2	9.32	16.2	19.7
PCB 023	6	83.3	<0.000895 to <0.66	0.0801	0.125	0.0237	<0.000895	<0.66	0.00546	0.0105	0.0214	0.0288	0.0624	0.201	0.266
PCB 024	6	33.3	<0.0015 to <0.017	0.131	0.144	0.0404	<0.0015	0.377	0.00269	0.00463	0.0286	0.0905	0.189	0.299	0.338
PCB 025	6	0	NA	17.5	16.9	11.5	1.67	50.2	3.54	5.42	9.65	13.6	16.6	33.5	41.9
PCB 026 & 029	6	0	NA	21.8	21.8	14.4	2.31	64.4	4.63	6.96	12.3	16.3	19.6	42.2	53.3
PCB 027	6	0	NA	11.6	11.4	7.7	1.12	33.9	2.56	4.01	7.38	8.91	9.82	22	28
PCB 031	6	0	NA	35.4	28.1	25	3.64	87.2	7.98	12.3	22.8	31.9	36.7	62.1	74.7
PCB 032	6	0	NA	22.9	22.1	15.1	2.27	65.8	4.45	6.64	12.5	18.7	20.6	43.3	54.5
PCB 034	6	16.7	<0.69	0.795	0.744	0.501	0.0648	2.12	0.135	0.205	0.388	0.536	1.02	1.65	1.88

Table 13. Summary of sediment chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Conce	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 035	6	0	NA	0.6	0.401	0.44	0.0657	1.17	0.139	0.212	0.397	0.528	0.848	1.06	1.12
PCB 036	6	83.3	<0.000805 to <0.061	0.399	0.931	0.0257	<0.000805	2.3	0.00505	0.0097	0.0198	0.0233	0.029	1.17	1.73
PCB 037	6	0	NA	20.3	11.2	15.5	2.28	32.7	5.16	8.04	15.1	22	28	30.9	31.8
PCB 038	6	83.3	<0.07 to <0.75	0.103	0.137	0.0472	0.00303	<0.75	0.011	0.019	0.0379	0.0533	0.09	0.238	0.306
PCB 039	6	16.7	<0.7	0.321	0.216	0.241	0.0379	<0.7	0.0849	0.132	0.24	0.309	0.347	0.524	0.611
PCB 040 & 041 & 071	5	0	NA	39.1	29.5	26	3.18	83.9	7.82	12.5	26.4	38.9	43.3	67.7	75.8
PCB 040 & 071	1	0	NA	28	NA	28	28	28	NA	NA	NA	NA	NA	NA	NA
PCB 041	1	0	NA	1.4	NA	1.4	1.4	1.4	NA	NA	NA	NA	NA	NA	NA
PCB 042	6	0	NA	25.5	18.3	18	2.16	57.6	5.97	9.78	18.3	23.1	28.5	43.6	50.6
PCB 043	6	33.3	<0.00102 to <0.024	1.23	1.22	0.191	<0.00102	3.32	0.00338	0.00626	0.297	1.27	1.47	2.41	2.87
PCB 044 & 047 & 065	6	0	NA	123	81.9	89.1	11.4	257	30.7	50.1	90.3	113	150	207	232
PCB 045	1	0	NA	3.6	NA	3.6	3.6	3.6	NA	NA	NA	NA	NA	NA	NA
PCB 045 & 051	5	0	NA	28.1	20	19.1	2.46	57.3	5.96	9.47	20	28.3	32.3	47.3	52.3
PCB 046	6	0	NA	3.72	3.63	2.33	0.262	10.7	0.696	1.13	2.06	2.83	3.66	7.22	8.96
PCB 048	6	0	NA	3.77	2.18	2.73	0.314	6.35	0.805	1.3	2.71	4.15	5.1	5.86	6.1
PCB 049 & 069	6	0	NA	92.8	62.6	67.1	8.67	195	22.8	37	67	82.9	115	159	177
PCB 050 & 053	6	0	NA	25	18.8	17.7	2.38	58.6	6.04	9.69	17.3	21.8	27.6	43.4	51
PCB 051	1	0	NA	9.4	NA	9.4	9.4	9.4	NA	NA	NA	NA	NA	NA	NA
PCB 052	6	0	NA	117	78.3	86.2	11.8	253	30.3	48.9	92	114	123	189	221
PCB 054	6	0	NA	5.61	3.64	4.18	0.614	11.6	1.34	2.06	3.97	5.71	6.42	9.08	10.3
PCB 055	6	100	<0.000845 to <0.37	0.0553	0.0662	0.0218	<0.000845	<0.37	0.00632	0.0122	0.0241	0.0338	0.052	0.12	0.153
PCB 056	6	0	NA	24.7	13.4	18.8	2.46	43.1	6.6	10.7	21.1	27.5	28.7	36.1	39.6
PCB 057	6	0	NA	0.666	0.45	0.497	0.0742	1.46	0.184	0.295	0.53	0.622	0.692	1.08	1.27
PCB 058	6	50	<0.000845 to <0.37	1.91	2.27	0.227	<0.000845	5.62	0.0107	0.021	0.0774	1.26	3.03	4.44	5.03
PCB 059 & 062 & 075	6	0	NA	7.68	4.94	5.55	0.653	15.8	1.89	3.13	6	7.44	8.77	12.5	14.1
PCB 060	6	0	NA	6.69	3.56	5.22	0.806	10.8	1.95	3.09	5.44	7.02	8.94	9.95	10.4
PCB 061 & 070 & 074 & 076	6	0	NA	80.6	42.4	61.2	7.79	131	20.9	34.1	67.2	90.9	101	117	124
PCB 063	6	0	NA	3.36	2.02	2.52	0.339	6.56	0.872	1.4	2.7	3.53	3.72	5.15	5.86
PCB 064	6	0	NA	34.1	22.3	25.1	3.32	71.9	9.19	15.1	27.1	32.3	37.6	54.9	63.4
PCB 066	6	0	NA	77	40.9	57.7	7	117	18.7	30.5	60.3	89.7	104	111	114
PCB 067	6	0	NA	1.68	0.936	1.28	0.188	2.87	0.441	0.694	1.3	1.72	2.24	2.62	2.75
PCB 068	6	0	NA	2.43	1.55	1.84	0.309	4.6	0.606	0.904	1.59	2.28	3.41	4.12	4.36
PCB 072	6	0	NA	2.34	1.48	1.77	0.269	4.68	0.646	1.02	1.79	2.15	2.91	3.87	4.27
PCB 073	6	66.7	<0.013 to <0.016	0.217	0.482	0.0248	<0.013	1.2	0.00663	0.00675	0.00713	0.00775	0.0551	0.635	0.918
PCB 077	6	0	NA	12.2	6.93	9.26	1.33	21.3	3.09	4.86	9.25	12.6	16.1	19.2	20.2
PCB 078	6	100	<0.00085 to <0.42	0.0597	0.0759	0.0225	<0.00085	<0.42	0.00644	0.0125	0.0246	0.0343	0.0521	0.133	0.171

Table 13. Summary of sediment chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Conce	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 079	6	0	NA	1.24	0.649	0.841	0.0578	1.83	0.281	0.503	1.06	1.47	1.62	1.74	1.79
PCB 080	6	100	<0.00078 to <0.35	0.0512	0.0629	0.02	<0.00078	<0.35	0.00579	0.0112	0.022	0.0305	0.0465	0.112	0.144
PCB 081	6	16.7	<0.4	0.264	0.158	0.2	0.0293	0.51	0.0719	0.115	0.206	0.267	0.31	0.41	0.46
PCB 082	6	0	NA	12	7.31	8.9	1.18	23.3	3.09	5.01	9.26	11.8	14.5	19.2	21.2
PCB 083	1	0	NA	4.5	NA	4.5	4.5	4.5	NA	NA	NA	NA	NA	NA	NA
PCB 083 & 099	5	0	NA	82.6	49.4	58.4	7.48	128	18.5	29.4	62.4	92.9	122	126	127
PCB 084	6	0	NA	24	15.5	17.6	2.23	49.7	6.35	10.5	19	22.8	27.4	38.9	44.3
PCB 085 & 116 & 117	6	0	NA	20.7	11.4	16	2.43	36.8	5.99	9.56	17.4	20.7	25.8	31.9	34.4
PCB 086 & 087 & 097 & 108 & 119 & 125	1	0	NA	67	NA	67	67	67	NA	NA	NA	NA	NA	NA	NA
PCB 086 & 087 & 097 & 109 & 119 & 125	5	0	NA	71.1	44	50.9	6.96	128	17.9	28.8	61.5	70.4	88.6	112	120
PCB 088 & 091	6	0	NA	27.1	15.6	20.3	2.75	43.7	7.06	11.4	20.5	26.4	40.3	43.6	43.6
PCB 089	6	16.7	<1.7	0.992	0.741	0.701	0.0956	2.27	0.213	0.331	0.638	0.861	1.19	1.79	2.03
PCB 090 & 101 & 113	6	0	NA	119	63.8	90.3	11.5	201	33.4	55.4	102	128	148	175	188
PCB 092	6	0	NA	27.2	14.7	20.8	2.76	47.6	7.77	12.8	24.1	28.3	32.4	40.6	44.1
PCB 093 & 098 & 100 & 102	5	0	NA	17	10.4	12.4	1.83	28.8	3.94	6.06	12.4	19.1	23.1	26.5	27.7
PCB 093 & 100	1	0	NA	5.4	NA	5.4	5.4	5.4	NA	NA	NA	NA	NA	NA	NA
PCB 094	6	16.7	<1.6	2.69	1.86	1.87	0.301	5.1	0.425	0.55	1.24	3.03	3.79	4.5	4.8
PCB 095	6	0	NA	74.5	47.1	54.6	7.22	146	17.2	27.1	51.2	75.9	93.2	121	133
PCB 096	6	0	NA	1.81	1.12	1.37	0.203	3.62	0.494	0.786	1.4	1.77	2.09	2.87	3.24
PCB 098 & 102	1	0	NA	4.6	NA	4.6	4.6	4.6	NA	NA	NA	NA	NA	NA	NA
PCB 099	1	0	NA	71	NA	71	71	71	NA	NA	NA	NA	NA	NA	NA
PCB 103	6	0	NA	3.78	2.4	2.82	0.45	6.57	0.912	1.37	2.38	3.59	5.8	6.39	6.48
PCB 104	6	0	NA	0.98	0.556	0.757	0.12	1.69	0.278	0.435	0.751	0.981	1.32	1.53	1.61
PCB 105	6	0	NA	43.8	22.9	34.3	5.13	75	13.4	21.7	39.1	46.3	51.6	63.4	69.2
PCB 106	6	100	<0.000815 to <1.4	0.133	0.278	0.0211	<0.000815	<1.4	0.00506	0.0097	0.0195	0.0238	0.0284	0.365	0.532
PCB 107	5	0	NA	9.58	5.87	6.98	1.03	17.2	2.42	3.81	7.99	10.2	11.5	14.9	16.1
PCB 107 & 124	1	0	NA	3.6	NA	3.6	3.6	3.6	NA	NA	NA	NA	NA	NA	NA
PCB 108 & 124	5	0	NA	3.47	2.12	2.52	0.367	6.23	0.898	1.43	3.02	3.47	4.24	5.43	5.83
PCB 109	1	0	NA	11	NA	11	11	11	NA	NA	NA	NA	NA	NA	NA
PCB 110 & 115	6	0	NA	153	85.5	115	14.5	271	42.8	71.2	129	157	188	230	251
PCB 111	6	16.7	<1.1	0.29	0.172	0.221	0.0324	<1.1	0.0758	0.119	0.226	0.291	0.354	0.462	0.506
PCB 112	6	100	<0.000345 to <1.1	0.0969	0.222	0.00833	<0.000345	<1.1	0.00175	0.00334	0.00675	0.008	0.0085	0.279	0.415
PCB 114	6	0	NA	2.04	1.24	1.57	0.245	4.06	0.616	0.987	1.75	1.85	2.37	3.3	3.68
PCB 118	6	0	NA	105	53.7	81.5	11.4	170	30.2	49	92.4	114	131	153	161

Table 13. Summary of sediment chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Conce	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 120	6	16.7	<1.2	0.671	0.388	0.51	0.0744	<1.2	0.173	0.272	0.503	0.652	0.986	1.09	1.1
PCB 121	6	16.7	<1.1	0.351	0.182	0.274	0.0427	<1.1	0.0937	0.145	0.277	0.395	0.462	0.513	0.531
PCB 122	6	16.7	<1.4	1.29	0.855	0.96	0.153	2.64	0.29	0.427	0.833	1.27	1.62	2.18	2.41
PCB 123	6	0	NA	1.55	0.821	1.19	0.164	2.6	0.408	0.652	1.3	1.79	1.8	2.2	2.4
PCB 126	6	33.3	<0.27 to <0.28	0.544	0.6	0.277	0.0348	1.6	0.0598	0.0849	0.136	0.321	0.765	1.23	1.41
PCB 127	6	16.7	<1.4	0.213	0.246	0.119	0.0112	<1.4	0.0346	0.0581	0.109	0.138	0.176	0.442	0.571
PCB 128 & 166	6	0	NA	21.8	11.1	17.1	2.56	37.1	7.05	11.5	20.9	23.1	24.4	30.8	34
PCB 129 & 138 & 163	6	0	NA	173	90.4	136	20.4	296	52.8	85.2	154	185	204	250	273
PCB 130	6	0	NA	9.33	4.72	7.33	1.09	15.5	2.87	4.65	8.61	10.2	10.8	13.2	14.4
PCB 131	6	0	NA	1.44	0.852	1.09	0.154	2.79	0.416	0.677	1.23	1.38	1.65	2.26	2.52
PCB 132	6	0	NA	45.2	24.5	35.2	5.3	81.3	14.2	23.1	41.5	44.9	52.1	67.6	74.4
PCB 133	6	0	NA	5.3	3.52	3.97	0.595	11.4	1.41	2.23	4.13	4.99	5.76	8.7	10
PCB 134 & 143	6	16.7	<1.1	4.87	3.8	3.07	0.755	10.6	0.601	0.652	1.86	5.31	6.4	8.66	9.63
PCB 135 & 151	6	0	NA	67	37	51.7	7.56	120	19.7	31.8	56.9	68.2	80.9	101	111
PCB 136	6	0	NA	21	11.7	16.2	2.39	37.4	6.04	9.69	17.3	21.4	25.9	31.9	34.7
PCB 137	6	0	NA	4.91	2.67	3.75	0.498	8.84	1.52	2.55	4.65	4.99	5.47	7.2	8.02
PCB 139 & 140	6	0	NA	2.36	1.42	1.82	0.296	4.62	0.672	1.05	1.86	2.33	2.75	3.71	4.16
PCB 141	6	0	NA	28	16	21.5	3.14	52.6	8.1	13.1	24	27.7	32.6	43.3	48
PCB 142	6	100	<0.0014 to <1.1	0.132	0.207	0.0409	<0.0014	<1.1	0.013	0.0254	0.0513	0.055	0.0738	0.315	0.433
PCB 144	6	0	NA	5.96	3.54	4.56	0.684	11.6	1.71	2.74	5.02	5.73	6.86	9.41	10.5
PCB 145	6	33.3	<0.052 to <0.68	0.11	0.122	0.0598	0.00702	<0.68	0.0118	0.0165	0.0378	0.0735	0.121	0.239	0.289
PCB 146	6	0	NA	31.1	19.2	23.5	3.45	63.1	8.58	13.7	25.6	30.7	33.7	48.9	56
PCB 147 & 149	6	0	NA	131	67.6	102	14.6	214	39.5	64.3	116	135	166	193	204
PCB 148	6	0	NA	1.8	1.41	1.28	0.191	4.34	0.433	0.676	1.2	1.45	2.07	3.28	3.81
PCB 150	6	16.7	<0.63	0.951	0.768	0.651	0.12	2.09	0.169	0.218	0.404	0.772	1.45	1.87	1.98
PCB 152	6	16.7	<0.65	0.643	0.399	0.488	0.0856	1.2	0.145	0.205	0.391	0.696	0.844	1.03	1.11
PCB 153 & 168	6	0	NA	139	73.8	107	15.1	230	41.3	67.6	121	139	182	211	220
PCB 154	6	0	NA	7.21	5.46	5.02	0.694	15.4	1.6	2.5	4.48	5.37	10.5	13.8	14.6
PCB 155	6	16.7	<0.76	0.272	0.161	0.203	0.0287	<0.76	0.0617	0.0948	0.177	0.303	0.391	0.418	0.43
PCB 156 & 157	6	0	NA	20.5	11.2	15.8	2.26	37.3	6.19	10.1	18.5	21.4	22.8	30.1	33.7
PCB 158	6	0	NA	14.5	7.83	11.2	1.63	26.1	4.57	7.52	13.6	14.7	16.2	21.3	23.7
PCB 159	6	0	NA	1.3	0.944	0.896	0.172	2.7	0.206	0.241	0.573	1.45	1.68	2.22	2.46
PCB 160	6	100	<0.00105 to <0.83	0.0999	0.156	0.0312	<0.00105	<0.83	0.0101	0.0198	0.0398	0.0425	0.0558	0.238	0.326
PCB 161	6	100	<0.00089 to <0.73	0.0902	0.136	0.0287	<0.00089	<0.73	0.00946	0.0185	0.0371	0.0398	0.0551	0.213	0.289
PCB 162	6	0	NA	0.674	1.09	0.291	0.0365	2.89	0.0851	0.134	0.238	0.272	0.327	1.62	2.25
PCB 164	6	0	NA	10.9	5.71	8.51	1.28	18.8	3.43	5.59	9.93	11.2	12.8	15.9	17.3
PCB 165	6	16.7	<0.84	0.649	0.371	0.517	0.104	1.15	0.183	0.262	0.451	0.659	0.869	1.03	1.09

Table 13. Summary of sediment chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Conce	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 167	6	0	NA	5.62	2.73	4.46	0.677	9.01	1.82	2.97	5.47	6.2	6.35	7.69	8.35
PCB 169	6	66.7	<0.000835 to <0.18	0.153	0.172	0.0431	<0.000835	0.386	0.00506	0.00971	0.0305	0.0775	0.29	0.371	0.379
PCB 170	6	0	NA	41.5	21.6	32.5	4.86	70.2	12.4	19.9	36.8	44	50	60.8	65.5
PCB 171 & 173	6	0	NA	13.6	7.01	10.6	1.54	22.8	4.01	6.47	12.2	14.8	16.1	19.6	21.2
PCB 172	6	0	NA	8.64	4.89	6.58	0.91	16	2.4	3.9	7.28	9.09	9.81	12.9	14.5
PCB 174	6	0	NA	51.3	26.9	39.6	5.46	88.2	14.9	24.4	46.3	56.5	58	73.1	80.7
PCB 175	6	0	NA	1.94	1.15	1.48	0.215	3.79	0.529	0.843	1.6	2.03	2.1	2.95	3.37
PCB 176	6	0	NA	6.24	3.67	4.79	0.72	12.1	1.78	2.84	5.2	6.35	6.94	9.54	10.8
PCB 177	6	0	NA	36.2	19.6	27.9	3.94	64	10.2	16.5	31.1	39	41.8	53.1	58.5
PCB 178	6	0	NA	17.7	11.9	13.1	1.85	38.3	4.46	7.08	13.4	17.4	18.8	28.7	33.5
PCB 179	6	0	NA	26.5	15.6	20.2	2.9	51.4	7.35	11.8	22.3	27.3	28.8	40.3	45.9
PCB 180 & 193	6	0	NA	103	60.4	79.1	12.4	197	29.8	47.2	84.4	98.2	122	163	180
PCB 181	6	0	NA	0.391	0.204	0.304	0.044	0.663	0.115	0.186	0.345	0.414	0.471	0.574	0.619
PCB 182	6	0	NA	0.597	0.723	0.342	0.0435	2.04	0.102	0.16	0.295	0.362	0.466	1.27	1.65
PCB 183	6	0	NA	27.9	15.9	21.5	3.14	52.6	8	12.9	24	28.9	31.1	42.1	47.3
PCB 184	6	16.7	<0.023	0.0554	0.053	0.0334	0.00606	0.143	0.00742	0.00878	0.0167	0.0396	0.0815	0.118	0.131
PCB 185	6	83.3	<0.00175 to <0.041	1.18	2.85	0.0272	<0.00175	7	0.00353	0.00619	0.0126	0.0168	0.0198	3.51	5.26
PCB 186	6	66.7	<0.000445 to <0.022	0.0136	0.0149	0.00602	<0.000445	0.041	0.00113	0.00204	0.00451	0.00875	0.017	0.03	0.0355
PCB 187	6	0	NA	85.2	54	63.7	8.92	176	22.7	36.5	68.7	83.8	92.1	135	156
PCB 188	6	0	NA	0.496	0.381	0.345	0.0483	1.11	0.103	0.158	0.298	0.392	0.672	0.938	1.02
PCB 189	6	0	NA	1.96	0.995	1.54	0.235	3.11	0.571	0.907	1.68	2.1	2.52	2.87	2.99
PCB 190	6	0	NA	10.6	5.32	8.27	1.2	16.9	3.12	5.03	9.35	11.8	12.9	15	15.9
PCB 191	6	0	NA	1.63	0.857	1.26	0.175	2.74	0.478	0.782	1.44	1.7	2.03	2.42	2.58
PCB 192	6	100	<0.0012 to <0.086	0.0162	0.0143	0.00955	<0.0012	<0.086	0.00283	0.00505	0.0104	0.0135	0.0163	0.03	0.0365
PCB 194	6	0	NA	38.3	29.4	26.9	3.48	91.8	9.11	14.7	27.3	32.6	40.9	67.5	79.7
PCB 195	6	0	NA	12.8	8.35	9.61	1.43	27.1	3.48	5.54	10.2	12	14	20.9	24
PCB 196	6	0	NA	18.2	13.4	13.2	1.94	42.6	4.63	7.32	13.4	16.7	18.4	30.6	36.6
PCB 197	6	0	NA	0.917	0.835	0.636	0.106	2.53	0.216	0.327	0.586	0.701	0.863	1.72	2.13
PCB 198 & 199	6	0	NA	56.6	38.9	41.6	5.88	125	14.8	23.7	43.1	53.4	60.3	92.9	109
PCB 200	6	0	NA	6.6	4.96	4.69	0.623	15.6	1.62	2.61	4.78	5.71	7.05	11.5	13.5
PCB 201	6	0	NA	6.59	5.35	4.69	0.696	16.7	1.64	2.58	4.72	5.69	6.22	11.5	14.1
PCB 202	6	0	NA	17	12.3	12.3	1.74	38.8	4.33	6.92	12.6	14.7	18.6	29.3	34
PCB 203	6	0	NA	33.9	23.9	25	3.65	76.7	8.84	14	25.6	31.1	35.8	56.7	66.7
PCB 204	6	16.7	<0.044	0.0301	0.0163	0.0232	0.00345	0.045	0.00809	0.0127	0.0228	0.0335	0.0428	0.044	0.0445
PCB 205	6	0	NA	1.9	1.32	1.4	0.201	4.23	0.5	0.8	1.46	1.77	2.01	3.14	3.68
PCB 206	6	0	NA	61.3	37.2	46.8	7.34	118	16.6	25.9	46.5	58.2	77.1	99.8	109
PCB 207	6	0	NA	5.99	3.98	4.53	0.746	12.8	1.56	2.38	4.33	5.75	6.7	9.83	11.3

Table 13. Summary of sediment chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Conce	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 208	6	0	NA	21	10.6	16.7	2.65	33.5	6.74	10.8	19.1	21.2	27.3	31.1	32.3
PCB 209	6	0	NA	51	24	41.5	7.26	74.3	16.3	25.3	46.3	56.6	65.6	71.2	72.7
Total PCBs - Homologs	6	0	NA	2530	1450	1930	271	4710	711	1150	2120	2540	2980	3900	4300
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	6	66.7	<0.0001 to <0.000234	0.000611	0.0012	0.000173	<0.0001	0.00305	0.0000505	0.000051	0.0000629	0.000106	0.000254	0.00167	0.00236
Total TCDD	6	0	NA	0.00646	0.0032	0.00548	0.00143	0.0101	0.00226	0.0031	0.00496	0.00668	0.00877	0.00959	0.00984
1,2,3,7,8-PeCDD	6	33.3	<0.000104 to <0.00067	0.000502	0.000292	0.000377	<0.000104	0.000865	0.000123	0.000194	0.000356	0.00054	0.000678	0.000774	0.00082
Total PeCDD	6	0	NA	0.00634	0.00326	0.00404	0.000187	0.00932	0.00166	0.00312	0.0061	0.00713	0.00816	0.00876	0.00904
1,2,3,4,7,8-HxCDD	6	0	NA	0.000866	0.000481	0.000702	0.000158	0.00148	0.000248	0.000337	0.000587	0.000905	0.00118	0.00136	0.00142
1,2,3,6,7,8-HxCDD	6	0	NA	0.00222	0.00111	0.00185	0.000418	0.0035	0.000694	0.000969	0.00169	0.00246	0.00292	0.00325	0.00337
1,2,3,7,8,9-HxCDD	6	0	NA	0.00289	0.00157	0.00227	0.000381	0.00489	0.000775	0.00117	0.00221	0.00311	0.00375	0.0044	0.00465
Total HxCDD	6	0	NA	0.0245	0.0141	0.0193	0.00355	0.0456	0.00679	0.01	0.0181	0.0251	0.0301	0.0383	0.042
1,2,3,4,6,7,8-HpCDD	6	0	NA	0.0636	0.0354	0.0501	0.00914	0.105	0.0171	0.0251	0.0448	0.0672	0.0887	0.0986	0.102
Total HpCDD	6	0	NA	0.15	0.0818	0.118	0.0205	0.244	0.04	0.0594	0.108	0.164	0.205	0.227	0.236
Total OCDD	6	0	NA	1.3	0.798	1	0.18	2.24	0.338	0.497	0.857	1.22	1.96	2.19	2.21
2,3,7,8-TCDF	6	0	NA	0.0157	0.0144	0.00971	0.0015	0.0377	0.00252	0.00354	0.0058	0.0104	0.025	0.0331	0.0354
Total TCDF	6	0	NA	0.121	0.136	0.0743	0.0125	0.389	0.0206	0.0288	0.0531	0.0859	0.102	0.247	0.318
1,2,3,7,8-PeCDF	6	0	NA	0.00517	0.00337	0.0039	0.000668	0.0101	0.00129	0.0019	0.00335	0.00468	0.00716	0.00893	0.00952
2,3,4,7,8-PeCDF	6	0	NA	0.0111	0.00642	0.0087	0.00153	0.0202	0.00296	0.0044	0.00811	0.0114	0.0144	0.0177	0.0189
Total PeCDF	6	0	NA	0.112	0.0763	0.082	0.0126	0.233	0.0249	0.0372	0.0695	0.106	0.144	0.193	0.213
1,2,3,4,7,8-HxCDF	6	0	NA	0.0194	0.00885	0.016	0.00307	0.0281	0.00638	0.00969	0.0176	0.0223	0.0238	0.0261	0.0271
1,2,3,6,7,8-HxCDF	6	0	NA	0.00515	0.00269	0.00419	0.000842	0.00855	0.00155	0.00226	0.00398	0.00552	0.00665	0.00769	0.00812
1,2,3,7,8,9-HxCDF	6	16.7	<0.000109	0.000466	0.000246	0.000363	<0.000109	0.000778	0.00014	0.000225	0.000398	0.000482	0.000593	0.000691	0.000735
2,3,4,6,7,8-HxCDF	6	0	NA	0.00261	0.0013	0.00212	0.000405	0.00403	0.000781	0.00116	0.00212	0.0029	0.0034	0.00377	0.0039
Total HxCDF	6	0	NA	0.0607	0.0315	0.0486	0.00873	0.0958	0.0173	0.026	0.0475	0.0651	0.082	0.091	0.0934
1,2,3,4,6,7,8-HpCDF	6	0	NA	0.0268	0.0139	0.0218	0.00451	0.0418	0.00795	0.0114	0.02	0.0286	0.0371	0.0403	0.0411
1,2,3,4,7,8,9-HpCDF	6	0	NA	0.00488	0.00213	0.00413	0.000891	0.00646	0.0017	0.00251	0.00446	0.00579	0.0062	0.00634	0.0064
Total HpCDF	6	0	NA	0.0561	0.0287	0.0459	0.00946	0.0861	0.017	0.0245	0.0432	0.0597	0.0779	0.0841	0.0851
Total OCDF	6	0	NA	0.0491	0.023	0.04	0.00709	0.0717	0.0156	0.0242	0.0441	0.0561	0.0619	0.0672	0.0694
Mean Quotients															
Mean PEC-Q_{METALS}	14	0	NA	0.115	0.0483	0.107	0.0627	0.237	0.0642	0.0654	0.0832	0.112	0.124	0.172	0.201

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 14. Summary of sediment chemistry data collected in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	5	0	NA	2.1	1.15	1.87	1.1	3.9	1.1	1.1	1.1	2.2	2.2	3.22	3.56
Silt (%)	5	0	NA	4.26	4.01	2.67	0.5	10.1	0.8	1.1	2	2	6.7	8.74	9.42
Fines (silt+clay; %)	5	0	NA	6.36	4.09	5.41	3.1	12.3	3.1	3.1	3.1	4.4	8.9	10.9	11.6
Gravel (%)	5	0	NA	0	0	NA	0	0	0	0	0	0	0	0	0
Sand (%)	5	0	NA	93.6	4.09	93.6	87.7	96.9	88.4	89.1	91.1	95.6	96.9	96.9	96.9
Solids (%)	5	0	NA	79.7	3.85	79.6	74.6	84	75	75.5	76.8	81	81.9	83.2	83.6
Phosphorus (mg/kg)	5	0	NA	176	33.2	173	138	227	142	146	159	171	183	209	218
Total Organic Carbon (%)	5	0	NA	0.288	0.212	0.229	0.12	0.52	0.122	0.124	0.13	0.15	0.52	0.52	0.52
Metals (mg/kg DW)															
Aluminum	5	0	NA	1970	185	1970	1720	2150	1750	1770	1850	2020	2130	2140	2150
Antimony	5	100	<0.1 to <0.25	0.065	0.0335	0.0601	<0.1	<0.25	0.05	0.05	0.05	0.05	0.05	0.095	0.11
Arsenic	5	0	NA	1.24	0.43	1.19	0.884	1.96	0.896	0.908	0.945	1.15	1.25	1.68	1.82
Barium	5	0	NA	27.1	7.66	26	14.3	33.8	16.8	19.3	26.7	29.1	31.8	33	33.4
Beryllium	5	20	<0.25	0.233	0.0642	0.224	0.227	0.282	0.145	0.166	0.227	0.254	0.277	0.28	0.281
Cadmium	5	80	<0.1 to <0.25	0.0794	0.0403	0.0718	<0.1	<0.25	0.05	0.05	0.05	0.05	0.122	0.124	0.124
Calcium	5	0	NA	1010	426	904	347	1390	441	535	816	1230	1250	1330	1360
Chromium	5	0	NA	7.8	1.72	7.64	5.24	9.74	5.61	5.98	7.1	8.27	8.67	9.31	9.53
Cobalt	5	0	NA	3.28	0.128	3.27	3.14	3.44	3.15	3.16	3.19	3.23	3.38	3.42	3.43
Copper	5	0	NA	4.1	0.83	4.02	2.77	4.92	2.99	3.22	3.89	4.38	4.54	4.77	4.84
Iron	5	0	NA	6150	810	6110	5400	7260	5410	5420	5450	5950	6700	7040	7150
Lead	5	0	NA	21.4	9.85	19.2	7.83	32.2	9.82	11.8	17.8	19.5	29.8	31.2	31.7
Magnesium	5	0	NA	526	38.4	525	479	565	483	487	499	524	564	565	565
Manganese	5	0	NA	237	124	211	118	400	122	125	136	198	331	372	386
Mercury	2	0	NA	0.511	NA	0.337	0.127	0.895	NA	NA	NA	NA	NA	NA	NA
Molybdenum	5	20	<0.25	0.127	0.0122	0.127	0.114	<0.25	0.115	0.116	0.119	0.125	0.133	0.14	0.143
Nickel	5	0	NA	3.7	0.65	3.66	3.28	4.85	3.3	3.32	3.39	3.47	3.49	4.31	4.58
Potassium	5	0	NA	187	35.5	184	130	215	139	148	174	202	212	214	214
Selenium	5	40	<0.1 to <0.25	0.105	0.0312	0.0998	<0.1	<0.25	0.0622	0.0744	0.111	0.119	0.12	0.123	0.124
Silver	5	100	<0.1 to <0.25	0.065	0.0335	0.0601	<0.1	<0.25	0.05	0.05	0.05	0.05	0.05	0.095	0.11
Sodium	5	0	NA	20.3	5.7	19.6	11.5	25.7	12.8	14.1	18	22.7	23.8	24.9	25.3
Thallium	5	100	<0.1 to <0.25	0.065	0.0335	0.0601	<0.1	<0.25	0.05	0.05	0.05	0.05	0.05	0.095	0.11
Vanadium	5	0	NA	3.98	0.386	3.97	3.39	4.45	3.5	3.61	3.94	3.99	4.14	4.33	4.39
Zinc	5	0	NA	27.2	4.02	26.9	22.6	32.6	23.1	23.5	24.9	25.9	29.9	31.5	32.1

Table 14. Summary of sediment chemistry data collected in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	5	100	<1.34 to <2.65	1.14	0.267	1.11	<1.34	<2.65	0.781	0.892	1.23	1.24	1.25	1.3	1.31
Aroclor 1221	5	100	<1.34 to <2.77	1.19	0.292	1.15	<1.34	<2.77	0.792	0.914	1.28	1.3	1.31	1.35	1.37
Aroclor 1232	5	100	<1.34 to <2.77	1.19	0.292	1.15	<1.34	<2.77	0.792	0.914	1.28	1.3	1.31	1.35	1.37
Aroclor 1242	5	100	<1.34 to <2.77	1.19	0.292	1.15	<1.34	<2.77	0.792	0.914	1.28	1.3	1.31	1.35	1.37
Aroclor 1248	5	0	NA	115	84.4	89.6	25.1	251	36.8	48.5	83.7	86.3	127	201	226
Aroclor 1254	5	0	NA	135	111	107	39.8	325	47.7	55.6	79.3	107	125	245	285
Aroclor 1260	5	0	NA	86.9	49.1	75.2	35.3	156	37.1	38.9	44.2	94.2	105	136	146
Total PCBs - Aroclors	5	0	NA	342	240	281	105	735	127	148	212	293	362	586	660
PCB 001	1	0	NA	13.6	NA	13.6	13.6	13.6	NA	NA	NA	NA	NA	NA	NA
PCB 002	1	0	NA	0.562	NA	0.562	0.562	0.562	NA	NA	NA	NA	NA	NA	NA
PCB 003	1	0	NA	6.37	NA	6.37	6.37	6.37	NA	NA	NA	NA	NA	NA	NA
PCB 004	1	0	NA	12.9	NA	12.9	12.9	12.9	NA	NA	NA	NA	NA	NA	NA
PCB 005	1	100	<0.005	0.0025	NA	0.0025	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA
PCB 006	1	0	NA	2.49	NA	2.49	2.49	2.49	NA	NA	NA	NA	NA	NA	NA
PCB 007	1	0	NA	0.492	NA	0.492	0.492	0.492	NA	NA	NA	NA	NA	NA	NA
PCB 008	1	0	NA	7.51	NA	7.51	7.51	7.51	NA	NA	NA	NA	NA	NA	NA
PCB 009	1	0	NA	0.377	NA	0.377	0.377	0.377	NA	NA	NA	NA	NA	NA	NA
PCB 010	1	0	NA	0.382	NA	0.382	0.382	0.382	NA	NA	NA	NA	NA	NA	NA
PCB 011	1	0	NA	0.164	NA	0.164	0.164	0.164	NA	NA	NA	NA	NA	NA	NA
PCB 012 & 013	1	0	NA	1.22	NA	1.22	1.22	1.22	NA	NA	NA	NA	NA	NA	NA
PCB 014	1	100	<0.0046	0.0023	NA	0.0023	<0.0046	<0.0046	NA	NA	NA	NA	NA	NA	NA
PCB 015	1	0	NA	12.8	NA	12.8	12.8	12.8	NA	NA	NA	NA	NA	NA	NA
PCB 016	1	0	NA	0.722	NA	0.722	0.722	0.722	NA	NA	NA	NA	NA	NA	NA
PCB 017	1	0	NA	3.9	NA	3.9	3.9	3.9	NA	NA	NA	NA	NA	NA	NA
PCB 018 & 030	1	0	NA	2.49	NA	2.49	2.49	2.49	NA	NA	NA	NA	NA	NA	NA
PCB 019	1	0	NA	2.63	NA	2.63	2.63	2.63	NA	NA	NA	NA	NA	NA	NA
PCB 020 & 028	1	0	NA	7.02	NA	7.02	7.02	7.02	NA	NA	NA	NA	NA	NA	NA
PCB 021 & 033	1	0	NA	0.97	NA	0.97	0.97	0.97	NA	NA	NA	NA	NA	NA	NA
PCB 022	1	0	NA	1.38	NA	1.38	1.38	1.38	NA	NA	NA	NA	NA	NA	NA
PCB 023	1	0	NA	0.00213	NA	0.00213	0.00213	0.00213	NA	NA	NA	NA	NA	NA	NA
PCB 024	1	100	<0.00064	0.00032	NA	0.00032	<0.00064	<0.00064	NA	NA	NA	NA	NA	NA	NA
PCB 025	1	0	NA	2.11	NA	2.11	2.11	2.11	NA	NA	NA	NA	NA	NA	NA
PCB 026 & 029	1	0	NA	3.04	NA	3.04	3.04	3.04	NA	NA	NA	NA	NA	NA	NA
PCB 027	1	0	NA	1.18	NA	1.18	1.18	1.18	NA	NA	NA	NA	NA	NA	NA
PCB 031	1	0	NA	4.92	NA	4.92	4.92	4.92	NA	NA	NA	NA	NA	NA	NA

Table 14. Summary of sediment chemistry data collected in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 032	1	0	NA	3.31	NA	3.31	3.31	3.31	NA	NA	NA	NA	NA	NA	NA
PCB 034	1	0	NA	0.0608	NA	0.0608	0.0608	0.0608	NA	NA	NA	NA	NA	NA	NA
PCB 035	1	0	NA	0.0705	NA	0.0705	0.0705	0.0705	NA	NA	NA	NA	NA	NA	NA
PCB 036	1	100	<0.00073	0.000365	NA	0.000365	<0.00073	<0.00073	NA	NA	NA	NA	NA	NA	NA
PCB 037	1	0	NA	2.46	NA	2.46	2.46	2.46	NA	NA	NA	NA	NA	NA	NA
PCB 038	1	100	<0.006	0.003	NA	0.003	<0.006	<0.006	NA	NA	NA	NA	NA	NA	NA
PCB 039	1	0	NA	0.0362	NA	0.0362	0.0362	0.0362	NA	NA	NA	NA	NA	NA	NA
PCB 040 & 041 & 071	1	0	NA	5.27	NA	5.27	5.27	5.27	NA	NA	NA	NA	NA	NA	NA
PCB 042	1	0	NA	4.01	NA	4.01	4.01	4.01	NA	NA	NA	NA	NA	NA	NA
PCB 043	1	100	<0.00045	0.000225	NA	0.000225	<0.00045	<0.00045	NA	NA	NA	NA	NA	NA	NA
PCB 044 & 047 & 065	1	0	NA	16.3	NA	16.3	16.3	16.3	NA	NA	NA	NA	NA	NA	NA
PCB 045 & 051	1	0	NA	2.66	NA	2.66	2.66	2.66	NA	NA	NA	NA	NA	NA	NA
PCB 046	1	0	NA	0.398	NA	0.398	0.398	0.398	NA	NA	NA	NA	NA	NA	NA
PCB 048	1	0	NA	0.361	NA	0.361	0.361	0.361	NA	NA	NA	NA	NA	NA	NA
PCB 049 & 069	1	0	NA	12.7	NA	12.7	12.7	12.7	NA	NA	NA	NA	NA	NA	NA
PCB 050 & 053	1	0	NA	2.93	NA	2.93	2.93	2.93	NA	NA	NA	NA	NA	NA	NA
PCB 052	1	0	NA	18.2	NA	18.2	18.2	18.2	NA	NA	NA	NA	NA	NA	NA
PCB 054	1	0	NA	0.5	NA	0.5	0.5	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 055	1	100	<0.00052	0.00026	NA	0.00026	<0.00052	<0.00052	NA	NA	NA	NA	NA	NA	NA
PCB 056	1	0	NA	4.73	NA	4.73	4.73	4.73	NA	NA	NA	NA	NA	NA	NA
PCB 057	1	100	<0.0005	0.00025	NA	0.00025	<0.0005	<0.0005	NA	NA	NA	NA	NA	NA	NA
PCB 058	1	100	<0.00051	0.000255	NA	0.000255	<0.00051	<0.00051	NA	NA	NA	NA	NA	NA	NA
PCB 059 & 062 & 075	1	0	NA	1.06	NA	1.06	1.06	1.06	NA	NA	NA	NA	NA	NA	NA
PCB 060	1	0	NA	1.41	NA	1.41	1.41	1.41	NA	NA	NA	NA	NA	NA	NA
PCB 061 & 070 & 074 & 076	1	0	NA	13.1	NA	13.1	13.1	13.1	NA	NA	NA	NA	NA	NA	NA
PCB 063	1	0	NA	0.467	NA	0.467	0.467	0.467	NA	NA	NA	NA	NA	NA	NA
PCB 064	1	0	NA	5.8	NA	5.8	5.8	5.8	NA	NA	NA	NA	NA	NA	NA
PCB 066	1	0	NA	11.4	NA	11.4	11.4	11.4	NA	NA	NA	NA	NA	NA	NA
PCB 067	1	0	NA	0.255	NA	0.255	0.255	0.255	NA	NA	NA	NA	NA	NA	NA
PCB 068	1	0	NA	0.351	NA	0.351	0.351	0.351	NA	NA	NA	NA	NA	NA	NA
PCB 072	1	0	NA	0.348	NA	0.348	0.348	0.348	NA	NA	NA	NA	NA	NA	NA
PCB 073	1	0	NA	0.0693	NA	0.0693	0.0693	0.0693	NA	NA	NA	NA	NA	NA	NA
PCB 077	1	0	NA	1.42	NA	1.42	1.42	1.42	NA	NA	NA	NA	NA	NA	NA
PCB 078	1	100	<0.00053	0.000265	NA	0.000265	<0.00053	<0.00053	NA	NA	NA	NA	NA	NA	NA
PCB 079	1	0	NA	0.0888	NA	0.0888	0.0888	0.0888	NA	NA	NA	NA	NA	NA	NA

Table 14. Summary of sediment chemistry data collected in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 080	1	100	<0.00047	0.000235	NA	0.000235	<0.00047	<0.00047	NA	NA	NA	NA	NA	NA	NA
PCB 081	1	0	NA	0.0359	NA	0.0359	0.0359	0.0359	NA	NA	NA	NA	NA	NA	NA
PCB 082	1	0	NA	1.88	NA	1.88	1.88	1.88	NA	NA	NA	NA	NA	NA	NA
PCB 083 & 099	1	0	NA	10.5	NA	10.5	10.5	10.5	NA	NA	NA	NA	NA	NA	NA
PCB 084	1	0	NA	3.5	NA	3.5	3.5	3.5	NA	NA	NA	NA	NA	NA	NA
PCB 085 & 116 & 117	1	0	NA	3.16	NA	3.16	3.16	3.16	NA	NA	NA	NA	NA	NA	NA
PCB 086 & 087 & 097 & 109 & 119 & 125	1	0	NA	9.97	NA	9.97	9.97	9.97	NA	NA	NA	NA	NA	NA	NA
PCB 088 & 091	1	0	NA	3.53	NA	3.53	3.53	3.53	NA	NA	NA	NA	NA	NA	NA
PCB 089	1	0	NA	0.205	NA	0.205	0.205	0.205	NA	NA	NA	NA	NA	NA	NA
PCB 090 & 101 & 113	1	0	NA	15.6	NA	15.6	15.6	15.6	NA	NA	NA	NA	NA	NA	NA
PCB 092	1	0	NA	3.3	NA	3.3	3.3	3.3	NA	NA	NA	NA	NA	NA	NA
PCB 093 & 098 & 100 & 102	1	0	NA	2.23	NA	2.23	2.23	2.23	NA	NA	NA	NA	NA	NA	NA
PCB 094	1	0	NA	0.261	NA	0.261	0.261	0.261	NA	NA	NA	NA	NA	NA	NA
PCB 095	1	0	NA	10.2	NA	10.2	10.2	10.2	NA	NA	NA	NA	NA	NA	NA
PCB 096	1	0	NA	0.261	NA	0.261	0.261	0.261	NA	NA	NA	NA	NA	NA	NA
PCB 103	1	0	NA	0.474	NA	0.474	0.474	0.474	NA	NA	NA	NA	NA	NA	NA
PCB 104	1	0	NA	0.0976	NA	0.0976	0.0976	0.0976	NA	NA	NA	NA	NA	NA	NA
PCB 105	1	0	NA	5.66	NA	5.66	5.66	5.66	NA	NA	NA	NA	NA	NA	NA
PCB 106	1	100	<0.0005	0.00025	NA	0.00025	<0.0005	<0.0005	NA	NA	NA	NA	NA	NA	NA
PCB 107	1	0	NA	1.14	NA	1.14	1.14	1.14	NA	NA	NA	NA	NA	NA	NA
PCB 108 & 124	1	0	NA	0.461	NA	0.461	0.461	0.461	NA	NA	NA	NA	NA	NA	NA
PCB 110 & 115	1	0	NA	18.2	NA	18.2	18.2	18.2	NA	NA	NA	NA	NA	NA	NA
PCB 111	1	0	NA	0.0249	NA	0.0249	0.0249	0.0249	NA	NA	NA	NA	NA	NA	NA
PCB 112	1	100	<0.00022	0.00011	NA	0.00011	<0.00022	<0.00022	NA	NA	NA	NA	NA	NA	NA
PCB 114	1	0	NA	0.277	NA	0.277	0.277	0.277	NA	NA	NA	NA	NA	NA	NA
PCB 118	1	0	NA	13.4	NA	13.4	13.4	13.4	NA	NA	NA	NA	NA	NA	NA
PCB 120	1	0	NA	0.0771	NA	0.0771	0.0771	0.0771	NA	NA	NA	NA	NA	NA	NA
PCB 121	1	0	NA	0.0346	NA	0.0346	0.0346	0.0346	NA	NA	NA	NA	NA	NA	NA
PCB 122	1	0	NA	0.204	NA	0.204	0.204	0.204	NA	NA	NA	NA	NA	NA	NA
PCB 123	1	0	NA	0.284	NA	0.284	0.284	0.284	NA	NA	NA	NA	NA	NA	NA
PCB 126	1	0	NA	0.0237	NA	0.0237	0.0237	0.0237	NA	NA	NA	NA	NA	NA	NA
PCB 127	1	0	NA	0.012	NA	0.012	0.012	0.012	NA	NA	NA	NA	NA	NA	NA
PCB 128 & 166	1	0	NA	2.36	NA	2.36	2.36	2.36	NA	NA	NA	NA	NA	NA	NA
PCB 129 & 138 & 163	1	0	NA	20.1	NA	20.1	20.1	20.1	NA	NA	NA	NA	NA	NA	NA

Table 14. Summary of sediment chemistry data collected in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 130	1	0	NA	1.08	NA	1.08	1.08	1.08	NA	NA	NA	NA	NA	NA	NA
PCB 131	1	0	NA	0.202	NA	0.202	0.202	0.202	NA	NA	NA	NA	NA	NA	NA
PCB 132	1	0	NA	5.82	NA	5.82	5.82	5.82	NA	NA	NA	NA	NA	NA	NA
PCB 133	1	0	NA	0.476	NA	0.476	0.476	0.476	NA	NA	NA	NA	NA	NA	NA
PCB 134 & 143	1	0	NA	0.859	NA	0.859	0.859	0.859	NA	NA	NA	NA	NA	NA	NA
PCB 135 & 151	1	0	NA	8.44	NA	8.44	8.44	8.44	NA	NA	NA	NA	NA	NA	NA
PCB 136	1	0	NA	2.88	NA	2.88	2.88	2.88	NA	NA	NA	NA	NA	NA	NA
PCB 137	1	0	NA	0.523	NA	0.523	0.523	0.523	NA	NA	NA	NA	NA	NA	NA
PCB 139 & 140	1	0	NA	0.324	NA	0.324	0.324	0.324	NA	NA	NA	NA	NA	NA	NA
PCB 141	1	0	NA	3.69	NA	3.69	3.69	3.69	NA	NA	NA	NA	NA	NA	NA
PCB 142	1	0	NA	0.0074	NA	0.0074	0.0074	0.0074	NA	NA	NA	NA	NA	NA	NA
PCB 144	1	0	NA	0.988	NA	0.988	0.988	0.988	NA	NA	NA	NA	NA	NA	NA
PCB 145	1	0	NA	0.0132	NA	0.0132	0.0132	0.0132	NA	NA	NA	NA	NA	NA	NA
PCB 146	1	0	NA	3.57	NA	3.57	3.57	3.57	NA	NA	NA	NA	NA	NA	NA
PCB 147 & 149	1	0	NA	17	NA	17	17	17	NA	NA	NA	NA	NA	NA	NA
PCB 148	1	0	NA	0.144	NA	0.144	0.144	0.144	NA	NA	NA	NA	NA	NA	NA
PCB 150	1	0	NA	0.098	NA	0.098	0.098	0.098	NA	NA	NA	NA	NA	NA	NA
PCB 152	1	0	NA	0.0842	NA	0.0842	0.0842	0.0842	NA	NA	NA	NA	NA	NA	NA
PCB 153 & 168	1	0	NA	17.3	NA	17.3	17.3	17.3	NA	NA	NA	NA	NA	NA	NA
PCB 154	1	0	NA	0.633	NA	0.633	0.633	0.633	NA	NA	NA	NA	NA	NA	NA
PCB 155	1	0	NA	0.0195	NA	0.0195	0.0195	0.0195	NA	NA	NA	NA	NA	NA	NA
PCB 156 & 157	1	0	NA	1.61	NA	1.61	1.61	1.61	NA	NA	NA	NA	NA	NA	NA
PCB 158	1	0	NA	1.78	NA	1.78	1.78	1.78	NA	NA	NA	NA	NA	NA	NA
PCB 159	1	0	NA	0.203	NA	0.203	0.203	0.203	NA	NA	NA	NA	NA	NA	NA
PCB 160	1	100	<0.001	0.0005	NA	0.0005	<0.001	<0.001	NA	NA	NA	NA	NA	NA	NA
PCB 161	1	100	<0.00086	0.00043	NA	0.00043	<0.00086	<0.00086	NA	NA	NA	NA	NA	NA	NA
PCB 162	1	0	NA	0.0222	NA	0.0222	0.0222	0.0222	NA	NA	NA	NA	NA	NA	NA
PCB 164	1	0	NA	1.25	NA	1.25	1.25	1.25	NA	NA	NA	NA	NA	NA	NA
PCB 165	1	0	NA	0.0798	NA	0.0798	0.0798	0.0798	NA	NA	NA	NA	NA	NA	NA
PCB 167	1	0	NA	0.526	NA	0.526	0.526	0.526	NA	NA	NA	NA	NA	NA	NA
PCB 169	1	100	<0.00048	0.00024	NA	0.00024	<0.00048	<0.00048	NA	NA	NA	NA	NA	NA	NA
PCB 170	1	0	NA	4.21	NA	4.21	4.21	4.21	NA	NA	NA	NA	NA	NA	NA
PCB 171 & 173	1	0	NA	1.48	NA	1.48	1.48	1.48	NA	NA	NA	NA	NA	NA	NA
PCB 172	1	0	NA	0.838	NA	0.838	0.838	0.838	NA	NA	NA	NA	NA	NA	NA
PCB 174	1	0	NA	5.52	NA	5.52	5.52	5.52	NA	NA	NA	NA	NA	NA	NA
PCB 175	1	0	NA	0.233	NA	0.233	0.233	0.233	NA	NA	NA	NA	NA	NA	NA

Table 14. Summary of sediment chemistry data collected in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 176	1	0	NA	0.834	NA	0.834	0.834	0.834	NA	NA	NA	NA	NA	NA	NA
PCB 177	1	0	NA	3.57	NA	3.57	3.57	3.57	NA	NA	NA	NA	NA	NA	NA
PCB 178	1	0	NA	1.68	NA	1.68	1.68	1.68	NA	NA	NA	NA	NA	NA	NA
PCB 179	1	0	NA	2.99	NA	2.99	2.99	2.99	NA	NA	NA	NA	NA	NA	NA
PCB 180 & 193	1	0	NA	11.7	NA	11.7	11.7	11.7	NA	NA	NA	NA	NA	NA	NA
PCB 181	1	0	NA	0.0334	NA	0.0334	0.0334	0.0334	NA	NA	NA	NA	NA	NA	NA
PCB 182	1	0	NA	0.0289	NA	0.0289	0.0289	0.0289	NA	NA	NA	NA	NA	NA	NA
PCB 183	1	0	NA	3.43	NA	3.43	3.43	3.43	NA	NA	NA	NA	NA	NA	NA
PCB 184	1	0	NA	0.00495	NA	0.00495	0.00495	0.00495	NA	NA	NA	NA	NA	NA	NA
PCB 185	1	100	<0.0011	0.00055	NA	0.00055	<0.0011	<0.0011	NA	NA	NA	NA	NA	NA	NA
PCB 186	1	100	<0.0026	0.0013	NA	0.0013	<0.0026	<0.0026	NA	NA	NA	NA	NA	NA	NA
PCB 187	1	0	NA	8.77	NA	8.77	8.77	8.77	NA	NA	NA	NA	NA	NA	NA
PCB 188	1	0	NA	0.0329	NA	0.0329	0.0329	0.0329	NA	NA	NA	NA	NA	NA	NA
PCB 189	1	0	NA	0.178	NA	0.178	0.178	0.178	NA	NA	NA	NA	NA	NA	NA
PCB 190	1	0	NA	1.06	NA	1.06	1.06	1.06	NA	NA	NA	NA	NA	NA	NA
PCB 191	1	0	NA	0.165	NA	0.165	0.165	0.165	NA	NA	NA	NA	NA	NA	NA
PCB 192	1	100	<0.00079	0.000395	NA	0.000395	<0.00079	<0.00079	NA	NA	NA	NA	NA	NA	NA
PCB 194	1	0	NA	3.04	NA	3.04	3.04	3.04	NA	NA	NA	NA	NA	NA	NA
PCB 195	1	0	NA	1.22	NA	1.22	1.22	1.22	NA	NA	NA	NA	NA	NA	NA
PCB 196	1	0	NA	1.7	NA	1.7	1.7	1.7	NA	NA	NA	NA	NA	NA	NA
PCB 197	1	0	NA	0.0686	NA	0.0686	0.0686	0.0686	NA	NA	NA	NA	NA	NA	NA
PCB 198 & 199	1	0	NA	4.71	NA	4.71	4.71	4.71	NA	NA	NA	NA	NA	NA	NA
PCB 200	1	0	NA	0.621	NA	0.621	0.621	0.621	NA	NA	NA	NA	NA	NA	NA
PCB 201	1	0	NA	0.614	NA	0.614	0.614	0.614	NA	NA	NA	NA	NA	NA	NA
PCB 202	1	0	NA	1.47	NA	1.47	1.47	1.47	NA	NA	NA	NA	NA	NA	NA
PCB 203	1	0	NA	3.01	NA	3.01	3.01	3.01	NA	NA	NA	NA	NA	NA	NA
PCB 204	1	100	<0.0014	0.0007	NA	0.0007	<0.0014	<0.0014	NA	NA	NA	NA	NA	NA	NA
PCB 205	1	0	NA	0.161	NA	0.161	0.161	0.161	NA	NA	NA	NA	NA	NA	NA
PCB 206	1	0	NA	3.67	NA	3.67	3.67	3.67	NA	NA	NA	NA	NA	NA	NA
PCB 207	1	0	NA	0.375	NA	0.375	0.375	0.375	NA	NA	NA	NA	NA	NA	NA
PCB 208	1	0	NA	1.27	NA	1.27	1.27	1.27	NA	NA	NA	NA	NA	NA	NA
PCB 209	1	0	NA	1.79	NA	1.79	1.79	1.79	NA	NA	NA	NA	NA	NA	NA
Total PCBs - Homologs	1	0	NA	300	NA	300	300	300	NA	NA	NA	NA	NA	NA	NA
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	1	100	<0.000104	0.000052	NA	0.000052	<0.000104	<0.000104	NA	NA	NA	NA	NA	NA	NA

Table 14. Summary of sediment chemistry data collected in Reach CC05 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW; cont.)															
Total TCDD	1	0	NA	0.00118	NA	0.00118	0.00118	0.00118	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	1	100	<0.0000923	0.0000462	NA	0.0000462	<0.0000923	<0.0000923	NA	NA	NA	NA	NA	NA	NA
Total PeCDD	1	100	<0.000129	0.0000645	NA	0.0000645	<0.000129	<0.000129	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	1	100	<0.0000856	0.0000428	NA	0.0000428	<0.0000856	<0.0000856	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	1	100	<0.000195	0.0000975	NA	0.0000975	<0.000195	<0.000195	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	1	0	NA	0.000255	NA	0.000255	0.000255	0.000255	NA	NA	NA	NA	NA	NA	NA
Total HxCDD	1	0	NA	0.00145	NA	0.00145	0.00145	0.00145	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	1	0	NA	0.00409	NA	0.00409	0.00409	0.00409	NA	NA	NA	NA	NA	NA	NA
Total HpCDD	1	0	NA	0.00937	NA	0.00937	0.00937	0.00937	NA	NA	NA	NA	NA	NA	NA
Total OCDD	1	0	NA	0.0868	NA	0.0868	0.0868	0.0868	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDF	1	0	NA	0.00113	NA	0.00113	0.00113	0.00113	NA	NA	NA	NA	NA	NA	NA
Total TCDF	1	0	NA	0.00788	NA	0.00788	0.00788	0.00788	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	1	0	NA	0.000445	NA	0.000445	0.000445	0.000445	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	1	0	NA	0.000933	NA	0.000933	0.000933	0.000933	NA	NA	NA	NA	NA	NA	NA
Total PeCDF	1	0	NA	0.00624	NA	0.00624	0.00624	0.00624	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	1	0	NA	0.00144	NA	0.00144	0.00144	0.00144	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	1	0	NA	0.000402	NA	0.000402	0.000402	0.000402	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	1	100	<0.0000924	0.0000462	NA	0.0000462	<0.0000924	<0.0000924	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	1	0	NA	0.000241	NA	0.000241	0.000241	0.000241	NA	NA	NA	NA	NA	NA	NA
Total HxCDF	1	0	NA	0.00393	NA	0.00393	0.00393	0.00393	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	1	0	NA	0.00173	NA	0.00173	0.00173	0.00173	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	1	0	NA	0.000397	NA	0.000397	0.000397	0.000397	NA	NA	NA	NA	NA	NA	NA
Total HpCDF	1	0	NA	0.00381	NA	0.00381	0.00381	0.00381	NA	NA	NA	NA	NA	NA	NA
Total OCDF	1	0	NA	0.0035	NA	0.0035	0.0035	0.0035	NA	NA	NA	NA	NA	NA	NA
Mean Quotients															
Mean PEC-Q_{METALS}	5	0	NA	0.0649	0.0115	0.0639	0.0463	0.0755	0.0495	0.0527	0.0622	0.0682	0.0721	0.0741	0.0748

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 15. Summary of sediment chemistry data collected in Reach CC06 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	3	0	NA	2.57	1.68	2.2	1.1	4.4	1.21	1.32	1.65	2.2	3.3	3.96	4.18
Silt (%)	3	0	NA	7.37	3.96	6.74	4.6	11.9	4.7	4.8	5.1	5.6	8.75	10.6	11.3
Fines (silt+clay; %)	3	0	NA	9.93	5.61	8.98	5.7	16.3	5.91	6.12	6.75	7.8	12.1	14.6	15.5
Gravel (%)	3	0	NA	0	0	NA	0	0	0	0	0	0	0	0	0
Sand (%)	3	0	NA	90.1	5.61	89.9	83.7	94.3	84.6	85.4	88	92.2	93.3	93.9	94.1
Solids (%)	3	0	NA	78.7	5.31	78.5	73.2	83.8	73.8	74.4	76.1	79	81.4	82.8	83.3
Phosphorus (mg/kg)	3	0	NA	162	21.1	161	138	176	142	145	156	173	175	175	176
Total Organic Carbon (%)	3	0	NA	0.53	0.418	0.427	0.2	1	0.219	0.238	0.295	0.39	0.695	0.878	0.939
Metals (mg/kg DW)															
Aluminum	3	0	NA	2250	401	2220	1790	2540	1850	1910	2100	2410	2480	2510	2530
Antimony	3	66.7	<0.1	0.109	0.103	0.0829	<0.1	0.228	0.05	0.05	0.05	0.05	0.139	0.192	0.21
Arsenic	3	0	NA	1.5	0.262	1.49	1.32	1.8	1.33	1.33	1.35	1.38	1.59	1.72	1.76
Barium	3	0	NA	24	2.48	23.9	21.2	25.8	21.6	22	23.2	25.1	25.5	25.7	25.7
Beryllium	3	0	NA	0.25	0.0428	0.247	0.201	0.28	0.208	0.215	0.235	0.269	0.275	0.278	0.279
Cadmium	3	66.7	<0.1	0.0867	0.0635	0.0737	<0.1	0.16	0.05	0.05	0.05	0.05	0.105	0.138	0.149
Calcium	3	0	NA	712	273	673	423	965	455	488	585	747	856	921	943
Chromium	3	0	NA	7.82	1.72	7.69	6.08	9.52	6.26	6.43	6.97	7.85	8.69	9.19	9.35
Cobalt	3	0	NA	3.97	0.643	3.94	3.27	4.53	3.36	3.44	3.7	4.12	4.33	4.45	4.49
Copper	3	0	NA	4.97	1.89	4.74	3.25	6.99	3.39	3.54	3.97	4.68	5.84	6.53	6.76
Iron	3	0	NA	6010	1000	5950	4890	6830	5030	5170	5600	6300	6570	6720	6780
Lead	3	0	NA	9.78	1.87	9.66	7.96	11.7	8.13	8.3	8.82	9.67	10.7	11.3	11.5
Magnesium	3	0	NA	462	85.6	456	371	541	381	391	422	473	507	527	534
Manganese	3	0	NA	156	21	155	132	171	135	139	149	165	168	170	170
Molybdenum	3	0	NA	0.212	0.0669	0.204	0.136	0.263	0.146	0.156	0.186	0.236	0.25	0.258	0.26
Nickel	3	0	NA	4.7	1.56	4.53	3.23	6.33	3.36	3.49	3.89	4.55	5.44	5.97	6.15
Potassium	3	0	NA	187	29.7	185	155	214	159	162	173	191	203	209	212
Selenium	3	0	NA	0.115	0.00954	0.115	0.104	0.121	0.106	0.107	0.112	0.12	0.121	0.121	0.121
Silver	3	66.7	<0.1	0.0833	0.0577	0.0721	<0.1	0.15	0.05	0.05	0.05	0.05	0.1	0.13	0.14
Sodium	3	0	NA	18	2.87	17.8	15.3	21	15.5	15.8	16.5	17.6	19.3	20.3	20.7
Thallium	3	100	<0.1	0.05	0	0.05	<0.1	<0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05

Table 15. Summary of sediment chemistry data collected in Reach CC06 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Metals (mg/kg DW; cont.)															
Vanadium	3	0	NA	4.93	1.14	4.83	3.65	5.85	3.81	3.98	4.47	5.28	5.57	5.74	5.79
Zinc	3	0	NA	28.7	6.92	28.1	22.4	36.1	22.9	23.4	25	27.5	31.8	34.4	35.2
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	3	100	<2.47 to <2.81	1.3	0.0907	1.3	<2.47	<2.81	1.24	1.24	1.25	1.27	1.34	1.38	1.39
Aroclor 1221	3	100	<2.57 to <2.93	1.36	0.0954	1.35	<2.57	<2.93	1.29	1.29	1.3	1.32	1.39	1.44	1.45
Aroclor 1232	3	100	<2.57 to <2.93	1.36	0.0954	1.35	<2.57	<2.93	1.29	1.29	1.3	1.32	1.39	1.44	1.45
Aroclor 1242	3	100	<2.57 to <2.93	1.36	0.0954	1.35	<2.57	<2.93	1.29	1.29	1.3	1.32	1.39	1.44	1.45
Aroclor 1248	3	0	NA	119	72	106	66.1	201	68.5	70.9	78	89.9	145	179	190
Aroclor 1254	3	0	NA	133	60.1	124	88.5	201	90.5	92.4	98.3	108	155	182	192
Aroclor 1260	3	0	NA	102	50.2	94.9	70.7	160	71.2	71.7	73.2	75.6	118	143	152
Total PCBs - Aroclors	3	0	NA	359	182	332	230	568	235	240	255	279	423	510	539
Mean Quotients															
Mean PEC-Q_{METALS}	3	0	NA	0.0575	0.0124	0.0565	0.0434	0.0672	0.0453	0.0471	0.0526	0.0618	0.0645	0.0661	0.0666

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

Table 16. Summary of sediment chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	2	0	NA	9.3	NA	9.25	8.3	10.3	NA	NA	NA	NA	NA	NA	NA
Silt (%)	2	0	NA	49.3	NA	49	44.6	53.9	NA	NA	NA	NA	NA	NA	NA
Fines (silt+clay; %)	2	0	NA	58.6	NA	58.4	54.9	62.2	NA	NA	NA	NA	NA	NA	NA
Gravel (%)	2	0	NA	0	NA	NA	0	0	NA	NA	NA	NA	NA	NA	NA
Sand (%)	2	0	NA	41.5	NA	41.3	37.8	45.1	NA	NA	NA	NA	NA	NA	NA
Solids (%)	2	0	NA	47.2	NA	46.9	41.8	52.6	NA	NA	NA	NA	NA	NA	NA
Phosphorus (mg/kg)	2	0	NA	607	NA	604	550	663	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (%)	2	0	NA	2.4	NA	2.35	1.9	2.9	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg DW)															
Aluminum	2	0	NA	8030	NA	8000	7350	8700	NA	NA	NA	NA	NA	NA	NA
Antimony	2	100	<0.1	0.05	NA	0.05	<0.1	<0.1	NA	NA	NA	NA	NA	NA	NA
Arsenic	2	0	NA	3.34	NA	3.33	3.08	3.59	NA	NA	NA	NA	NA	NA	NA
Barium	2	0	NA	101	NA	100	88.9	113	NA	NA	NA	NA	NA	NA	NA
Beryllium	2	0	NA	0.684	NA	0.682	0.63	0.738	NA	NA	NA	NA	NA	NA	NA
Cadmium	2	0	NA	0.415	NA	0.413	0.381	0.448	NA	NA	NA	NA	NA	NA	NA
Calcium	2	0	NA	2200	NA	2180	1940	2450	NA	NA	NA	NA	NA	NA	NA
Chromium	2	0	NA	16.6	NA	16.5	16.5	16.6	NA	NA	NA	NA	NA	NA	NA
Cobalt	2	0	NA	9.66	NA	9.63	8.91	10.4	NA	NA	NA	NA	NA	NA	NA
Copper	2	0	NA	21.1	NA	20.9	18.5	23.6	NA	NA	NA	NA	NA	NA	NA
Iron	2	0	NA	16300	NA	16300	15200	17400	NA	NA	NA	NA	NA	NA	NA
Lead	2	0	NA	25.2	NA	24.6	20	30.3	NA	NA	NA	NA	NA	NA	NA
Magnesium	2	0	NA	1360	NA	1350	1210	1510	NA	NA	NA	NA	NA	NA	NA
Manganese	2	0	NA	756	NA	734	576	936	NA	NA	NA	NA	NA	NA	NA
Mercury	2	0	NA	1.05	NA	1.04	0.973	1.12	NA	NA	NA	NA	NA	NA	NA
Molybdenum	2	0	NA	0.304	NA	0.303	0.285	0.322	NA	NA	NA	NA	NA	NA	NA
Nickel	2	0	NA	8.88	NA	8.86	8.28	9.48	NA	NA	NA	NA	NA	NA	NA
Potassium	2	0	NA	657	NA	654	605	708	NA	NA	NA	NA	NA	NA	NA
Selenium	2	0	NA	0.517	NA	0.51	0.432	0.601	NA	NA	NA	NA	NA	NA	NA
Silver	2	50	<0.1	0.111	NA	0.0927	<0.1	0.172	NA	NA	NA	NA	NA	NA	NA
Sodium	2	0	NA	38.1	NA	37.5	31.7	44.4	NA	NA	NA	NA	NA	NA	NA

Table 16. Summary of sediment chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Metals (mg/kg DW; cont.)															
Thallium	2	0	NA	0.122	NA	0.121	0.109	0.134	NA	NA	NA	NA	NA	NA	NA
Vanadium	2	0	NA	12.8	NA	12.8	11.9	13.7	NA	NA	NA	NA	NA	NA	NA
Zinc	2	0	NA	83.7	NA	83.5	78.4	88.9	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	2	100	<3.86 to <4.91	2.19	NA	2.18	<3.86	<4.91	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	2	100	<4.03 to <5.12	2.29	NA	2.27	<4.03	<5.12	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	2	100	<4.03 to <5.12	2.29	NA	2.27	<4.03	<5.12	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	2	100	<4.03 to <5.12	2.29	NA	2.27	<4.03	<5.12	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	2	0	NA	415	NA	400	306	524	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	2	0	NA	564	NA	553	454	674	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	2	0	NA	497	NA	490	414	580	NA	NA	NA	NA	NA	NA	NA
Total PCBs - Aroclors	2	0	NA	1490	NA	1450	1180	1790	NA	NA	NA	NA	NA	NA	NA
PCB 001	1	0	NA	205	NA	205	205	205	NA	NA	NA	NA	NA	NA	NA
PCB 002	1	0	NA	9.6	NA	9.6	9.6	9.6	NA	NA	NA	NA	NA	NA	NA
PCB 003	1	0	NA	88.7	NA	88.7	88.7	88.7	NA	NA	NA	NA	NA	NA	NA
PCB 004	1	0	NA	244	NA	244	244	244	NA	NA	NA	NA	NA	NA	NA
PCB 005	1	0	NA	4.43	NA	4.43	4.43	4.43	NA	NA	NA	NA	NA	NA	NA
PCB 006	1	0	NA	112	NA	112	112	112	NA	NA	NA	NA	NA	NA	NA
PCB 007	1	0	NA	17.4	NA	17.4	17.4	17.4	NA	NA	NA	NA	NA	NA	NA
PCB 008	1	0	NA	256	NA	256	256	256	NA	NA	NA	NA	NA	NA	NA
PCB 009	1	0	NA	22.3	NA	22.3	22.3	22.3	NA	NA	NA	NA	NA	NA	NA
PCB 010	1	0	NA	11.5	NA	11.5	11.5	11.5	NA	NA	NA	NA	NA	NA	NA
PCB 011	1	0	NA	4.35	NA	4.35	4.35	4.35	NA	NA	NA	NA	NA	NA	NA
PCB 012 & 013	1	0	NA	29.2	NA	29.2	29.2	29.2	NA	NA	NA	NA	NA	NA	NA
PCB 014	1	100	<0.14	0.07	NA	0.07	<0.14	<0.14	NA	NA	NA	NA	NA	NA	NA
PCB 015	1	0	NA	246	NA	246	246	246	NA	NA	NA	NA	NA	NA	NA
PCB 016	1	0	NA	61.3	NA	61.3	61.3	61.3	NA	NA	NA	NA	NA	NA	NA
PCB 017	1	0	NA	106	NA	106	106	106	NA	NA	NA	NA	NA	NA	NA
PCB 018 & 030	1	0	NA	147	NA	147	147	147	NA	NA	NA	NA	NA	NA	NA

Table 16. Summary of sediment chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 019	1	0	NA	46.4	NA	46.4	46.4	46.4	NA	NA	NA	NA	NA	NA	NA
PCB 020 & 028	1	0	NA	237	NA	237	237	237	NA	NA	NA	NA	NA	NA	NA
PCB 021 & 033	1	0	NA	60.8	NA	60.8	60.8	60.8	NA	NA	NA	NA	NA	NA	NA
PCB 022	1	0	NA	72	NA	72	72	72	NA	NA	NA	NA	NA	NA	NA
PCB 023	1	100	<0.19	0.095	NA	0.095	<0.19	<0.19	NA	NA	NA	NA	NA	NA	NA
PCB 024	1	0	NA	1.23	NA	1.23	1.23	1.23	NA	NA	NA	NA	NA	NA	NA
PCB 025	1	0	NA	61.5	NA	61.5	61.5	61.5	NA	NA	NA	NA	NA	NA	NA
PCB 026 & 029	1	0	NA	91.3	NA	91.3	91.3	91.3	NA	NA	NA	NA	NA	NA	NA
PCB 027	1	0	NA	19.5	NA	19.5	19.5	19.5	NA	NA	NA	NA	NA	NA	NA
PCB 031	1	0	NA	187	NA	187	187	187	NA	NA	NA	NA	NA	NA	NA
PCB 032	1	0	NA	58.9	NA	58.9	58.9	58.9	NA	NA	NA	NA	NA	NA	NA
PCB 034	1	0	NA	1.79	NA	1.79	1.79	1.79	NA	NA	NA	NA	NA	NA	NA
PCB 035	1	0	NA	2.01	NA	2.01	2.01	2.01	NA	NA	NA	NA	NA	NA	NA
PCB 036	1	100	<0.051	0.0255	NA	0.0255	<0.051	<0.051	NA	NA	NA	NA	NA	NA	NA
PCB 037	1	0	NA	51	NA	51	51	51	NA	NA	NA	NA	NA	NA	NA
PCB 038	1	100	<0.087	0.0435	NA	0.0435	<0.087	<0.087	NA	NA	NA	NA	NA	NA	NA
PCB 039	1	0	NA	0.541	NA	0.541	0.541	0.541	NA	NA	NA	NA	NA	NA	NA
PCB 040 & 041 & 071	1	0	NA	48.5	NA	48.5	48.5	48.5	NA	NA	NA	NA	NA	NA	NA
PCB 042	1	0	NA	32.2	NA	32.2	32.2	32.2	NA	NA	NA	NA	NA	NA	NA
PCB 043	1	0	NA	3.39	NA	3.39	3.39	3.39	NA	NA	NA	NA	NA	NA	NA
PCB 044 & 047 & 065	1	0	NA	125	NA	125	125	125	NA	NA	NA	NA	NA	NA	NA
PCB 045 & 051	1	0	NA	25.4	NA	25.4	25.4	25.4	NA	NA	NA	NA	NA	NA	NA
PCB 046	1	0	NA	6.15	NA	6.15	6.15	6.15	NA	NA	NA	NA	NA	NA	NA
PCB 048	1	0	NA	9.82	NA	9.82	9.82	9.82	NA	NA	NA	NA	NA	NA	NA
PCB 049 & 069	1	0	NA	87.5	NA	87.5	87.5	87.5	NA	NA	NA	NA	NA	NA	NA
PCB 050 & 053	1	0	NA	23.5	NA	23.5	23.5	23.5	NA	NA	NA	NA	NA	NA	NA
PCB 052	1	0	NA	122	NA	122	122	122	NA	NA	NA	NA	NA	NA	NA
PCB 054	1	0	NA	3.96	NA	3.96	3.96	3.96	NA	NA	NA	NA	NA	NA	NA
PCB 055	1	100	<0.074	0.037	NA	0.037	<0.074	<0.074	NA	NA	NA	NA	NA	NA	NA
PCB 056	1	0	NA	28.4	NA	28.4	28.4	28.4	NA	NA	NA	NA	NA	NA	NA
PCB 057	1	0	NA	1.09	NA	1.09	1.09	1.09	NA	NA	NA	NA	NA	NA	NA

Table 16. Summary of sediment chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 058	1	100	<0.071	0.0355	NA	0.0355	<0.071	<0.071	NA	NA	NA	NA	NA	NA	NA
PCB 059 & 062 & 075	1	0	NA	9.15	NA	9.15	9.15	9.15	NA	NA	NA	NA	NA	NA	NA
PCB 060	1	0	NA	9.07	NA	9.07	9.07	9.07	NA	NA	NA	NA	NA	NA	NA
PCB 061 & 070 & 074 & 076	1	0	NA	98.7	NA	98.7	98.7	98.7	NA	NA	NA	NA	NA	NA	NA
PCB 063	1	0	NA	3.61	NA	3.61	3.61	3.61	NA	NA	NA	NA	NA	NA	NA
PCB 064	1	0	NA	45.2	NA	45.2	45.2	45.2	NA	NA	NA	NA	NA	NA	NA
PCB 066	1	0	NA	66.6	NA	66.6	66.6	66.6	NA	NA	NA	NA	NA	NA	NA
PCB 067	1	0	NA	3.15	NA	3.15	3.15	3.15	NA	NA	NA	NA	NA	NA	NA
PCB 068	1	0	NA	1.74	NA	1.74	1.74	1.74	NA	NA	NA	NA	NA	NA	NA
PCB 072	1	0	NA	1.94	NA	1.94	1.94	1.94	NA	NA	NA	NA	NA	NA	NA
PCB 073	1	100	<0.011	0.0055	NA	0.0055	<0.011	<0.011	NA	NA	NA	NA	NA	NA	NA
PCB 077	1	0	NA	8.38	NA	8.38	8.38	8.38	NA	NA	NA	NA	NA	NA	NA
PCB 078	1	100	<0.075	0.0375	NA	0.0375	<0.075	<0.075	NA	NA	NA	NA	NA	NA	NA
PCB 079	1	0	NA	1.2	NA	1.2	1.2	1.2	NA	NA	NA	NA	NA	NA	NA
PCB 080	1	100	<0.067	0.0335	NA	0.0335	<0.067	<0.067	NA	NA	NA	NA	NA	NA	NA
PCB 081	1	0	NA	0.197	NA	0.197	0.197	0.197	NA	NA	NA	NA	NA	NA	NA
PCB 082	1	0	NA	8.2	NA	8.2	8.2	8.2	NA	NA	NA	NA	NA	NA	NA
PCB 083 & 099	1	0	NA	51.6	NA	51.6	51.6	51.6	NA	NA	NA	NA	NA	NA	NA
PCB 084	1	0	NA	19.4	NA	19.4	19.4	19.4	NA	NA	NA	NA	NA	NA	NA
PCB 085 & 116 & 117	1	0	NA	14.9	NA	14.9	14.9	14.9	NA	NA	NA	NA	NA	NA	NA
PCB 086 & 087 & 097 & 109 &	1	0	NA	48.8	NA	48.8	48.8	48.8	NA	NA	NA	NA	NA	NA	NA
PCB 088 & 091	1	0	NA	17.6	NA	17.6	17.6	17.6	NA	NA	NA	NA	NA	NA	NA
PCB 089	1	0	NA	0.861	NA	0.861	0.861	0.861	NA	NA	NA	NA	NA	NA	NA
PCB 090 & 101 & 113	1	0	NA	81.5	NA	81.5	81.5	81.5	NA	NA	NA	NA	NA	NA	NA
PCB 092	1	0	NA	20.1	NA	20.1	20.1	20.1	NA	NA	NA	NA	NA	NA	NA
PCB 093 & 098 & 100 & 102	1	0	NA	9.72	NA	9.72	9.72	9.72	NA	NA	NA	NA	NA	NA	NA
PCB 094	1	0	NA	2.07	NA	2.07	2.07	2.07	NA	NA	NA	NA	NA	NA	NA
PCB 095	1	0	NA	62.2	NA	62.2	62.2	62.2	NA	NA	NA	NA	NA	NA	NA
PCB 096	1	0	NA	1.18	NA	1.18	1.18	1.18	NA	NA	NA	NA	NA	NA	NA
PCB 103	1	0	NA	2.55	NA	2.55	2.55	2.55	NA	NA	NA	NA	NA	NA	NA
PCB 104	1	0	NA	0.491	NA	0.491	0.491	0.491	NA	NA	NA	NA	NA	NA	NA

Table 16. Summary of sediment chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 105	1	0	NA	30.9	NA	30.9	30.9	30.9	NA	NA	NA	NA	NA	NA	NA
PCB 106	1	100	<0.028	0.014	NA	0.014	<0.028	<0.028	NA	NA	NA	NA	NA	NA	NA
PCB 107	1	0	NA	6.12	NA	6.12	6.12	6.12	NA	NA	NA	NA	NA	NA	NA
PCB 108 & 124	1	0	NA	2.13	NA	2.13	2.13	2.13	NA	NA	NA	NA	NA	NA	NA
PCB 110 & 115	1	0	NA	109	NA	109	109	109	NA	NA	NA	NA	NA	NA	NA
PCB 111	1	0	NA	0.194	NA	0.194	0.194	0.194	NA	NA	NA	NA	NA	NA	NA
PCB 112	1	100	<0.014	0.007	NA	0.007	<0.014	<0.014	NA	NA	NA	NA	NA	NA	NA
PCB 114	1	0	NA	1.31	NA	1.31	1.31	1.31	NA	NA	NA	NA	NA	NA	NA
PCB 118	1	0	NA	70.6	NA	70.6	70.6	70.6	NA	NA	NA	NA	NA	NA	NA
PCB 120	1	0	NA	0.434	NA	0.434	0.434	0.434	NA	NA	NA	NA	NA	NA	NA
PCB 121	1	0	NA	0.212	NA	0.212	0.212	0.212	NA	NA	NA	NA	NA	NA	NA
PCB 122	1	0	NA	0.864	NA	0.864	0.864	0.864	NA	NA	NA	NA	NA	NA	NA
PCB 123	1	0	NA	0.925	NA	0.925	0.925	0.925	NA	NA	NA	NA	NA	NA	NA
PCB 126	1	100	<0.17	0.085	NA	0.085	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA
PCB 127	1	0	NA	0.065	NA	0.065	0.065	0.065	NA	NA	NA	NA	NA	NA	NA
PCB 128 & 166	1	0	NA	14	NA	14	14	14	NA	NA	NA	NA	NA	NA	NA
PCB 129 & 138 & 163	1	0	NA	121	NA	121	121	121	NA	NA	NA	NA	NA	NA	NA
PCB 130	1	0	NA	6.01	NA	6.01	6.01	6.01	NA	NA	NA	NA	NA	NA	NA
PCB 131	1	0	NA	0.918	NA	0.918	0.918	0.918	NA	NA	NA	NA	NA	NA	NA
PCB 132	1	0	NA	31.2	NA	31.2	31.2	31.2	NA	NA	NA	NA	NA	NA	NA
PCB 133	1	0	NA	3.34	NA	3.34	3.34	3.34	NA	NA	NA	NA	NA	NA	NA
PCB 134 & 143	1	0	NA	3.88	NA	3.88	3.88	3.88	NA	NA	NA	NA	NA	NA	NA
PCB 135 & 151	1	0	NA	46.5	NA	46.5	46.5	46.5	NA	NA	NA	NA	NA	NA	NA
PCB 136	1	0	NA	14.4	NA	14.4	14.4	14.4	NA	NA	NA	NA	NA	NA	NA
PCB 137	1	0	NA	2.95	NA	2.95	2.95	2.95	NA	NA	NA	NA	NA	NA	NA
PCB 139 & 140	1	0	NA	1.5	NA	1.5	1.5	1.5	NA	NA	NA	NA	NA	NA	NA
PCB 141	1	0	NA	17.9	NA	17.9	17.9	17.9	NA	NA	NA	NA	NA	NA	NA
PCB 142	1	100	<0.068	0.034	NA	0.034	<0.068	<0.068	NA	NA	NA	NA	NA	NA	NA
PCB 144	1	0	NA	3.87	NA	3.87	3.87	3.87	NA	NA	NA	NA	NA	NA	NA
PCB 145	1	0	NA	0.035	NA	0.035	0.035	0.035	NA	NA	NA	NA	NA	NA	NA
PCB 146	1	0	NA	18.2	NA	18.2	18.2	18.2	NA	NA	NA	NA	NA	NA	NA

Table 16. Summary of sediment chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 147 & 149	1	0	NA	86.7	NA	86.7	86.7	86.7	NA	NA	NA	NA	NA	NA	NA
PCB 148	1	0	NA	1.01	NA	1.01	1.01	1.01	NA	NA	NA	NA	NA	NA	NA
PCB 150	1	0	NA	0.516	NA	0.516	0.516	0.516	NA	NA	NA	NA	NA	NA	NA
PCB 152	1	0	NA	0.465	NA	0.465	0.465	0.465	NA	NA	NA	NA	NA	NA	NA
PCB 153 & 168	1	0	NA	90	NA	90	90	90	NA	NA	NA	NA	NA	NA	NA
PCB 154	1	0	NA	3.45	NA	3.45	3.45	3.45	NA	NA	NA	NA	NA	NA	NA
PCB 155	1	0	NA	0.131	NA	0.131	0.131	0.131	NA	NA	NA	NA	NA	NA	NA
PCB 156 & 157	1	0	NA	11	NA	11	11	11	NA	NA	NA	NA	NA	NA	NA
PCB 158	1	0	NA	9.15	NA	9.15	9.15	9.15	NA	NA	NA	NA	NA	NA	NA
PCB 159	1	0	NA	0.886	NA	0.886	0.886	0.886	NA	NA	NA	NA	NA	NA	NA
PCB 160	1	100	<0.051	0.0255	NA	0.0255	<0.051	<0.051	NA	NA	NA	NA	NA	NA	NA
PCB 161	1	100	<0.048	0.024	NA	0.024	<0.048	<0.048	NA	NA	NA	NA	NA	NA	NA
PCB 162	1	0	NA	0.155	NA	0.155	0.155	0.155	NA	NA	NA	NA	NA	NA	NA
PCB 164	1	0	NA	6.81	NA	6.81	6.81	6.81	NA	NA	NA	NA	NA	NA	NA
PCB 165	1	0	NA	0.529	NA	0.529	0.529	0.529	NA	NA	NA	NA	NA	NA	NA
PCB 167	1	0	NA	3.38	NA	3.38	3.38	3.38	NA	NA	NA	NA	NA	NA	NA
PCB 169	1	100	<0.036	0.018	NA	0.018	<0.036	<0.036	NA	NA	NA	NA	NA	NA	NA
PCB 170	1	0	NA	23.6	NA	23.6	23.6	23.6	NA	NA	NA	NA	NA	NA	NA
PCB 171 & 173	1	0	NA	7.97	NA	7.97	7.97	7.97	NA	NA	NA	NA	NA	NA	NA
PCB 172	1	0	NA	4.57	NA	4.57	4.57	4.57	NA	NA	NA	NA	NA	NA	NA
PCB 174	1	0	NA	30	NA	30	30	30	NA	NA	NA	NA	NA	NA	NA
PCB 175	1	0	NA	1.08	NA	1.08	1.08	1.08	NA	NA	NA	NA	NA	NA	NA
PCB 176	1	0	NA	3.7	NA	3.7	3.7	3.7	NA	NA	NA	NA	NA	NA	NA
PCB 177	1	0	NA	21.3	NA	21.3	21.3	21.3	NA	NA	NA	NA	NA	NA	NA
PCB 178	1	0	NA	9.85	NA	9.85	9.85	9.85	NA	NA	NA	NA	NA	NA	NA
PCB 179	1	0	NA	15.1	NA	15.1	15.1	15.1	NA	NA	NA	NA	NA	NA	NA
PCB 180 & 193	1	0	NA	61.7	NA	61.7	61.7	61.7	NA	NA	NA	NA	NA	NA	NA
PCB 181	1	0	NA	0.218	NA	0.218	0.218	0.218	NA	NA	NA	NA	NA	NA	NA
PCB 182	1	0	NA	0.216	NA	0.216	0.216	0.216	NA	NA	NA	NA	NA	NA	NA
PCB 183	1	0	NA	15.3	NA	15.3	15.3	15.3	NA	NA	NA	NA	NA	NA	NA
PCB 184	1	0	NA	0.047	NA	0.047	0.047	0.047	NA	NA	NA	NA	NA	NA	NA

Table 16. Summary of sediment chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 185	1	100	<0.028	0.014	NA	0.014	<0.028	<0.028	NA	NA	NA	NA	NA	NA	NA
PCB 186	1	100	<0.014	0.007	NA	0.007	<0.014	<0.014	NA	NA	NA	NA	NA	NA	NA
PCB 187	1	0	NA	48	NA	48	48	48	NA	NA	NA	NA	NA	NA	NA
PCB 188	1	0	NA	0.214	NA	0.214	0.214	0.214	NA	NA	NA	NA	NA	NA	NA
PCB 189	1	0	NA	1.1	NA	1.1	1.1	1.1	NA	NA	NA	NA	NA	NA	NA
PCB 190	1	0	NA	6.07	NA	6.07	6.07	6.07	NA	NA	NA	NA	NA	NA	NA
PCB 191	1	0	NA	0.858	NA	0.858	0.858	0.858	NA	NA	NA	NA	NA	NA	NA
PCB 192	1	100	<0.023	0.0115	NA	0.0115	<0.023	<0.023	NA	NA	NA	NA	NA	NA	NA
PCB 194	1	0	NA	18.8	NA	18.8	18.8	18.8	NA	NA	NA	NA	NA	NA	NA
PCB 195	1	0	NA	6.45	NA	6.45	6.45	6.45	NA	NA	NA	NA	NA	NA	NA
PCB 196	1	0	NA	7.89	NA	7.89	7.89	7.89	NA	NA	NA	NA	NA	NA	NA
PCB 197	1	0	NA	0.48	NA	0.48	0.48	0.48	NA	NA	NA	NA	NA	NA	NA
PCB 198 & 199	1	0	NA	25.8	NA	25.8	25.8	25.8	NA	NA	NA	NA	NA	NA	NA
PCB 200	1	0	NA	3.18	NA	3.18	3.18	3.18	NA	NA	NA	NA	NA	NA	NA
PCB 201	1	0	NA	2.82	NA	2.82	2.82	2.82	NA	NA	NA	NA	NA	NA	NA
PCB 202	1	0	NA	8.78	NA	8.78	8.78	8.78	NA	NA	NA	NA	NA	NA	NA
PCB 203	1	0	NA	16	NA	16	16	16	NA	NA	NA	NA	NA	NA	NA
PCB 204	1	100	<0.013	0.0065	NA	0.0065	<0.013	<0.013	NA	NA	NA	NA	NA	NA	NA
PCB 205	1	0	NA	0.925	NA	0.925	0.925	0.925	NA	NA	NA	NA	NA	NA	NA
PCB 206	1	0	NA	32	NA	32	32	32	NA	NA	NA	NA	NA	NA	NA
PCB 207	1	0	NA	2.44	NA	2.44	2.44	2.44	NA	NA	NA	NA	NA	NA	NA
PCB 208	1	0	NA	10.8	NA	10.8	10.8	10.8	NA	NA	NA	NA	NA	NA	NA
PCB 209	1	0	NA	30.1	NA	30.1	30.1	30.1	NA	NA	NA	NA	NA	NA	NA
Total PCBs - Homologs	1	0	NA	2500	NA	2500	2500	2500	NA	NA	NA	NA	NA	NA	NA
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	1	100	<0.000103	0.0000515	NA	0.0000515	<0.000103	<0.000103	NA	NA	NA	NA	NA	NA	NA
Total TCDD	1	0	NA	0.0116	NA	0.0116	0.0116	0.0116	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	1	0	NA	0.000447	NA	0.000447	0.000447	0.000447	NA	NA	NA	NA	NA	NA	NA
Total PeCDD	1	0	NA	0.00366	NA	0.00366	0.00366	0.00366	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	1	0	NA	0.000701	NA	0.000701	0.000701	0.000701	NA	NA	NA	NA	NA	NA	NA

Table 16. Summary of sediment chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW; cont.)															
1,2,3,6,7,8-HxCDD	1	0	NA	0.0019	NA	0.0019	0.0019	0.0019	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	1	0	NA	0.00237	NA	0.00237	0.00237	0.00237	NA	NA	NA	NA	NA	NA	NA
Total HxCDD	1	0	NA	0.0191	NA	0.0191	0.0191	0.0191	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	1	0	NA	0.0688	NA	0.0688	0.0688	0.0688	NA	NA	NA	NA	NA	NA	NA
Total HpCDD	1	0	NA	0.166	NA	0.166	0.166	0.166	NA	NA	NA	NA	NA	NA	NA
Total OCDD	1	0	NA	1.66	NA	1.66	1.66	1.66	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDF	1	0	NA	0.0133	NA	0.0133	0.0133	0.0133	NA	NA	NA	NA	NA	NA	NA
Total TCDF	1	0	NA	0.0847	NA	0.0847	0.0847	0.0847	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	1	0	NA	0.00348	NA	0.00348	0.00348	0.00348	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	1	0	NA	0.00825	NA	0.00825	0.00825	0.00825	NA	NA	NA	NA	NA	NA	NA
Total PeCDF	1	0	NA	0.0807	NA	0.0807	0.0807	0.0807	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	1	0	NA	0.0141	NA	0.0141	0.0141	0.0141	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	1	0	NA	0.00361	NA	0.00361	0.00361	0.00361	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	1	0	NA	0.000266	NA	0.000266	0.000266	0.000266	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	1	0	NA	0.00214	NA	0.00214	0.00214	0.00214	NA	NA	NA	NA	NA	NA	NA
Total HxCDF	1	0	NA	0.0455	NA	0.0455	0.0455	0.0455	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	1	0	NA	0.0222	NA	0.0222	0.0222	0.0222	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	1	0	NA	0.00315	NA	0.00315	0.00315	0.00315	NA	NA	NA	NA	NA	NA	NA
Total HpCDF	1	0	NA	0.0485	NA	0.0485	0.0485	0.0485	NA	NA	NA	NA	NA	NA	NA
Total OCDF	1	0	NA	0.0439	NA	0.0439	0.0439	0.0439	NA	NA	NA	NA	NA	NA	NA
Mean Quotients															
Mean PEC-Q_{METALS}	2	0	NA	0.148	NA	0.147	0.134	0.162	NA	NA	NA	NA	NA	NA	NA

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 17. Summary of sediment chemistry data collected in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	8	0	NA	3.3	3.15	2.28	0.7	10.3	0.7	0.7	1.23	2.45	4.1	6.17	8.24
Silt (%)	8	0	NA	11	9.91	NA	0	30.9	1.44	2.87	4.18	8.9	14.3	22.1	26.5
Fines (silt+clay; %)	8	0	NA	14.3	12.7	10.2	2.8	41.2	3.5	4.2	4.88	11.6	17.1	28.3	34.7
Gravel (%)	8	0	NA	0	0	NA	0	0	0	0	0	0	0	0	0
Sand (%)	8	0	NA	85.7	12.7	84.7	58.8	97.2	65.3	71.8	82.9	88.5	95.1	95.8	96.5
Solids (%)	8	0	NA	71.1	12.1	70	46.5	85	52.8	59.1	66.2	73.8	77.5	83.4	84.2
Phosphorus (mg/kg)	8	0	NA	227	103	209	121	415	125	128	147	209	269	360	387
Total Organic Carbon (%)	8	0	NA	0.746	0.603	0.459	0.048	1.7	0.0697	0.0914	0.283	0.725	0.99	1.56	1.63
Metals (mg/kg DW)															
Aluminum	8	0	NA	2830	1560	2510	1400	6040	1420	1450	1540	2670	3260	4450	5250
Antimony	8	100	<0.1 to <0.25	0.0594	0.0265	0.0561	<0.1	<0.25	0.05	0.05	0.05	0.05	0.05	0.0725	0.0988
Arsenic	8	0	NA	1.84	0.493	1.78	1.14	2.51	1.18	1.22	1.53	1.87	2.17	2.41	2.46
Barium	8	0	NA	30.4	17	26.3	10.6	63.3	11.3	12.1	21.3	27.8	35.8	49.2	56.2
Beryllium	8	12.5	<0.25	0.286	0.141	0.258	0.153	0.568	0.135	0.145	0.201	0.265	0.33	0.437	0.503
Cadmium	8	25	<0.1 to <0.25	0.17	0.0951	0.148	<0.1	0.355	0.0763	0.103	0.128	0.141	0.183	0.292	0.324
Calcium	8	0	NA	1130	735	910	359	2340	376	393	448	1020	1630	2020	2180
Chromium	8	0	NA	10.1	1.88	10	7.58	13.4	7.82	8.06	9.04	10.1	10.9	12.4	12.9
Cobalt	8	0	NA	4.73	1.76	4.45	2.59	7.79	2.69	2.79	3.53	4.47	5.83	6.67	7.23
Copper	8	0	NA	5.6	3.98	4.53	1.82	13.7	1.9	1.98	2.64	5.12	6.21	10.3	12
Iron	8	0	NA	8110	2420	7810	5120	12900	5370	5620	6700	7800	9090	10500	11700
Lead	8	0	NA	9.01	5.33	7.89	3.97	20.4	4.05	4.13	6.02	7.31	11.1	14	17.2
Magnesium	8	0	NA	717	374	639	338	1370	342	345	444	653	839	1230	1300
Manganese	8	0	NA	242	116	213	102	373	103	105	117	278	326	367	370
Mercury	3	0	NA	0.485	0.248	0.448	0.341	0.771	0.341	0.341	0.342	0.342	0.557	0.685	0.728
Molybdenum	8	12.5	<0.25	0.211	0.0504	0.205	0.15	0.267	0.134	0.143	0.197	0.215	0.251	0.259	0.263
Nickel	8	0	NA	4.82	2.78	4.26	2.22	10.6	2.39	2.56	3.29	3.71	5.55	8.14	9.37
Potassium	8	0	NA	243	107	223	133	448	138	142	151	237	292	342	395
Selenium	8	37.5	<0.1 to <0.25	0.173	0.12	0.139	<0.1	0.414	0.05	0.05	0.106	0.159	0.188	0.311	0.363
Silver	8	100	<0.1 to <0.25	0.0594	0.0265	0.0561	<0.1	<0.25	0.05	0.05	0.05	0.05	0.05	0.0725	0.0988
Sodium	8	0	NA	14.7	5.23	13.9	8.21	23.5	8.79	9.37	10.9	13.9	17.5	21.3	22.4

Table 17. Summary of sediment chemistry data collected in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Metals (mg/kg DW; cont.)															
Thallium	8	87.5	<0.1 to <0.25	0.066	0.0302	0.0614	<0.1	<0.25	0.05	0.05	0.05	0.05	0.0633	0.11	0.117
Vanadium	8	0	NA	6.34	2.12	6.04	3.69	10.3	3.79	3.89	4.83	6.7	7.08	8.17	9.24
Zinc	8	0	NA	33.7	12.6	31.8	19	58.8	20.9	22.8	27.6	30.2	36.2	48.9	53.8
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	8	100	<1.36 to <4.33	1.39	0.418	1.33	<1.36	<4.33	0.859	1.04	1.23	1.36	1.55	1.75	1.96
Aroclor 1221	8	100	<1.36 to <4.52	1.45	0.444	1.38	<1.36	<4.52	0.876	1.07	1.28	1.42	1.61	1.83	2.04
Aroclor 1232	8	100	<1.36 to <4.52	1.45	0.444	1.38	<1.36	<4.52	0.876	1.07	1.28	1.42	1.61	1.83	2.04
Aroclor 1242	8	100	<1.36 to <4.52	1.45	0.444	1.38	<1.36	<4.52	0.876	1.07	1.28	1.42	1.61	1.83	2.04
Aroclor 1248	8	0	NA	126	122	71.3	10.8	314	13.7	16.6	33.7	67.6	232	285	299
Aroclor 1254	8	0	NA	137	127	83.5	9.78	331	17.9	26	45.4	90.1	210	325	328
Aroclor 1260	8	0	NA	101	98.5	60.6	9.57	259	12.8	16	27.5	70.6	140	250	254
Total PCBs - Aroclors	8	0	NA	370	346	226	35.1	900	49.4	63.7	110	234	591	872	886
PCB 001	1	0	NA	3.3	NA	3.3	3.3	3.3	NA	NA	NA	NA	NA	NA	NA
PCB 002	1	0	NA	0.16	NA	0.16	0.16	0.16	NA	NA	NA	NA	NA	NA	NA
PCB 003	1	0	NA	2.3	NA	2.3	2.3	2.3	NA	NA	NA	NA	NA	NA	NA
PCB 004	1	0	NA	3.6	NA	3.6	3.6	3.6	NA	NA	NA	NA	NA	NA	NA
PCB 005	1	0	NA	0.13	NA	0.13	0.13	0.13	NA	NA	NA	NA	NA	NA	NA
PCB 006	1	0	NA	2.9	NA	2.9	2.9	2.9	NA	NA	NA	NA	NA	NA	NA
PCB 007	1	0	NA	0.31	NA	0.31	0.31	0.31	NA	NA	NA	NA	NA	NA	NA
PCB 008	1	0	NA	7.2	NA	7.2	7.2	7.2	NA	NA	NA	NA	NA	NA	NA
PCB 009	1	0	NA	0.36	NA	0.36	0.36	0.36	NA	NA	NA	NA	NA	NA	NA
PCB 010	1	0	NA	0.21	NA	0.21	0.21	0.21	NA	NA	NA	NA	NA	NA	NA
PCB 011	1	0	NA	0.19	NA	0.19	0.19	0.19	NA	NA	NA	NA	NA	NA	NA
PCB 012 & 013	1	0	NA	1.2	NA	1.2	1.2	1.2	NA	NA	NA	NA	NA	NA	NA
PCB 014	1	100	<0.037	0.0185	NA	0.0185	<0.037	<0.037	NA	NA	NA	NA	NA	NA	NA
PCB 015	1	0	NA	11	NA	11	11	11	NA	NA	NA	NA	NA	NA	NA
PCB 016	1	0	NA	0.83	NA	0.83	0.83	0.83	NA	NA	NA	NA	NA	NA	NA
PCB 017	1	0	NA	2	NA	2	2	2	NA	NA	NA	NA	NA	NA	NA
PCB 018 & 030	1	0	NA	2.6	NA	2.6	2.6	2.6	NA	NA	NA	NA	NA	NA	NA

Table 17. Summary of sediment chemistry data collected in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 019	1	0	NA	0.92	NA	0.92	0.92	0.92	NA	NA	NA	NA	NA	NA	NA
PCB 020 & 028	1	0	NA	6.7	NA	6.7	6.7	6.7	NA	NA	NA	NA	NA	NA	NA
PCB 021 & 033	1	0	NA	1.1	NA	1.1	1.1	1.1	NA	NA	NA	NA	NA	NA	NA
PCB 022	1	0	NA	1.4	NA	1.4	1.4	1.4	NA	NA	NA	NA	NA	NA	NA
PCB 023	1	100	<0.041	0.0205	NA	0.0205	<0.041	<0.041	NA	NA	NA	NA	NA	NA	NA
PCB 024	1	0	NA	0.023	NA	0.023	0.023	0.023	NA	NA	NA	NA	NA	NA	NA
PCB 025	1	0	NA	2.1	NA	2.1	2.1	2.1	NA	NA	NA	NA	NA	NA	NA
PCB 026 & 029	1	0	NA	2.9	NA	2.9	2.9	2.9	NA	NA	NA	NA	NA	NA	NA
PCB 027	1	0	NA	0.51	NA	0.51	0.51	0.51	NA	NA	NA	NA	NA	NA	NA
PCB 031	1	0	NA	4.5	NA	4.5	4.5	4.5	NA	NA	NA	NA	NA	NA	NA
PCB 032	1	0	NA	1.4	NA	1.4	1.4	1.4	NA	NA	NA	NA	NA	NA	NA
PCB 034	1	100	<0.042	0.021	NA	0.021	<0.042	<0.042	NA	NA	NA	NA	NA	NA	NA
PCB 035	1	0	NA	0.081	NA	0.081	0.081	0.081	NA	NA	NA	NA	NA	NA	NA
PCB 036	1	0	NA	0.089	NA	0.089	0.089	0.089	NA	NA	NA	NA	NA	NA	NA
PCB 037	1	0	NA	2.4	NA	2.4	2.4	2.4	NA	NA	NA	NA	NA	NA	NA
PCB 038	1	100	<0.046	0.023	NA	0.023	<0.046	<0.046	NA	NA	NA	NA	NA	NA	NA
PCB 039	1	100	<0.043	0.0215	NA	0.0215	<0.043	<0.043	NA	NA	NA	NA	NA	NA	NA
PCB 040 & 071	1	0	NA	1.4	NA	1.4	1.4	1.4	NA	NA	NA	NA	NA	NA	NA
PCB 041	1	0	NA	0.095	NA	0.095	0.095	0.095	NA	NA	NA	NA	NA	NA	NA
PCB 042	1	0	NA	0.94	NA	0.94	0.94	0.94	NA	NA	NA	NA	NA	NA	NA
PCB 043	1	0	NA	0.058	NA	0.058	0.058	0.058	NA	NA	NA	NA	NA	NA	NA
PCB 044 & 047 & 065	1	0	NA	4	NA	4	4	4	NA	NA	NA	NA	NA	NA	NA
PCB 045	1	0	NA	0.15	NA	0.15	0.15	0.15	NA	NA	NA	NA	NA	NA	NA
PCB 046	1	0	NA	0.11	NA	0.11	0.11	0.11	NA	NA	NA	NA	NA	NA	NA
PCB 048	1	0	NA	0.22	NA	0.22	0.22	0.22	NA	NA	NA	NA	NA	NA	NA
PCB 049 & 069	1	0	NA	3.7	NA	3.7	3.7	3.7	NA	NA	NA	NA	NA	NA	NA
PCB 050 & 053	1	0	NA	0.74	NA	0.74	0.74	0.74	NA	NA	NA	NA	NA	NA	NA
PCB 051	1	0	NA	0.5	NA	0.5	0.5	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 052	1	0	NA	6.1	NA	6.1	6.1	6.1	NA	NA	NA	NA	NA	NA	NA
PCB 054	1	0	NA	0.097	NA	0.097	0.097	0.097	NA	NA	NA	NA	NA	NA	NA
PCB 055	1	100	<0.02	0.01	NA	0.01	<0.02	<0.02	NA	NA	NA	NA	NA	NA	NA

Table 17. Summary of sediment chemistry data collected in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 056	1	0	NA	1.3	NA	1.3	1.3	1.3	NA	NA	NA	NA	NA	NA	NA
PCB 057	1	0	NA	0.058	NA	0.058	0.058	0.058	NA	NA	NA	NA	NA	NA	NA
PCB 058	1	100	<0.02	0.01	NA	0.01	<0.02	<0.02	NA	NA	NA	NA	NA	NA	NA
PCB 059 & 062 & 075	1	0	NA	0.29	NA	0.29	0.29	0.29	NA	NA	NA	NA	NA	NA	NA
PCB 060	1	0	NA	0.55	NA	0.55	0.55	0.55	NA	NA	NA	NA	NA	NA	NA
PCB 061 & 070 & 074 & 076	1	0	NA	4.6	NA	4.6	4.6	4.6	NA	NA	NA	NA	NA	NA	NA
PCB 063	1	0	NA	0.15	NA	0.15	0.15	0.15	NA	NA	NA	NA	NA	NA	NA
PCB 064	1	0	NA	1.5	NA	1.5	1.5	1.5	NA	NA	NA	NA	NA	NA	NA
PCB 066	1	0	NA	4.3	NA	4.3	4.3	4.3	NA	NA	NA	NA	NA	NA	NA
PCB 067	1	0	NA	0.13	NA	0.13	0.13	0.13	NA	NA	NA	NA	NA	NA	NA
PCB 068	1	0	NA	0.094	NA	0.094	0.094	0.094	NA	NA	NA	NA	NA	NA	NA
PCB 072	1	0	NA	0.12	NA	0.12	0.12	0.12	NA	NA	NA	NA	NA	NA	NA
PCB 073	1	0	NA	0.045	NA	0.045	0.045	0.045	NA	NA	NA	NA	NA	NA	NA
PCB 077	1	0	NA	0.7	NA	0.7	0.7	0.7	NA	NA	NA	NA	NA	NA	NA
PCB 078	1	100	<0.022	0.011	NA	0.011	<0.022	<0.022	NA	NA	NA	NA	NA	NA	NA
PCB 079	1	0	NA	0.042	NA	0.042	0.042	0.042	NA	NA	NA	NA	NA	NA	NA
PCB 080	1	100	<0.018	0.009	NA	0.009	<0.018	<0.018	NA	NA	NA	NA	NA	NA	NA
PCB 081	1	100	<0.022	0.011	NA	0.011	<0.022	<0.022	NA	NA	NA	NA	NA	NA	NA
PCB 082	1	0	NA	0.48	NA	0.48	0.48	0.48	NA	NA	NA	NA	NA	NA	NA
PCB 083	1	0	NA	0.13	NA	0.13	0.13	0.13	NA	NA	NA	NA	NA	NA	NA
PCB 084	1	0	NA	0.62	NA	0.62	0.62	0.62	NA	NA	NA	NA	NA	NA	NA
PCB 085 & 116 & 117	1	0	NA	0.72	NA	0.72	0.72	0.72	NA	NA	NA	NA	NA	NA	NA
PCB 086 & 087 & 097 & 108 & 119 & 125	1	0	NA	2.3	NA	2.3	2.3	2.3	NA	NA	NA	NA	NA	NA	NA
PCB 088 & 091	1	0	NA	0.65	NA	0.65	0.65	0.65	NA	NA	NA	NA	NA	NA	NA
PCB 089	1	100	<0.085	0.0425	NA	0.0425	<0.085	<0.085	NA	NA	NA	NA	NA	NA	NA
PCB 090 & 101 & 113	1	0	NA	3.6	NA	3.6	3.6	3.6	NA	NA	NA	NA	NA	NA	NA
PCB 092	1	0	NA	0.83	NA	0.83	0.83	0.83	NA	NA	NA	NA	NA	NA	NA
PCB 093 & 100	1	0	NA	0.15	NA	0.15	0.15	0.15	NA	NA	NA	NA	NA	NA	NA
PCB 094	1	100	<0.08	0.04	NA	0.04	<0.08	<0.08	NA	NA	NA	NA	NA	NA	NA

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Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 095	1	0	NA	2.4	NA	2.4	2.4	2.4	NA	NA	NA	NA	NA	NA	NA
PCB 096	1	0	NA	0.04	NA	0.04	0.04	0.04	NA	NA	NA	NA	NA	NA	NA
PCB 098 & 102	1	0	NA	0.16	NA	0.16	0.16	0.16	NA	NA	NA	NA	NA	NA	NA
PCB 099	1	0	NA	2.1	NA	2.1	2.1	2.1	NA	NA	NA	NA	NA	NA	NA
PCB 103	1	0	NA	0.09	NA	0.09	0.09	0.09	NA	NA	NA	NA	NA	NA	NA
PCB 104	1	0	NA	0.021	NA	0.021	0.021	0.021	NA	NA	NA	NA	NA	NA	NA
PCB 105	1	0	NA	2	NA	2	2	2	NA	NA	NA	NA	NA	NA	NA
PCB 106	1	100	<0.068	0.034	NA	0.034	<0.068	<0.068	NA	NA	NA	NA	NA	NA	NA
PCB 107 & 124	1	0	NA	0.15	NA	0.15	0.15	0.15	NA	NA	NA	NA	NA	NA	NA
PCB 109	1	0	NA	0.34	NA	0.34	0.34	0.34	NA	NA	NA	NA	NA	NA	NA
PCB 110 & 115	1	0	NA	5.1	NA	5.1	5.1	5.1	NA	NA	NA	NA	NA	NA	NA
PCB 111	1	100	<0.055	0.0275	NA	0.0275	<0.055	<0.055	NA	NA	NA	NA	NA	NA	NA
PCB 112	1	100	<0.053	0.0265	NA	0.0265	<0.053	<0.053	NA	NA	NA	NA	NA	NA	NA
PCB 114	1	0	NA	0.098	NA	0.098	0.098	0.098	NA	NA	NA	NA	NA	NA	NA
PCB 118	1	0	NA	4.2	NA	4.2	4.2	4.2	NA	NA	NA	NA	NA	NA	NA
PCB 120	1	100	<0.059	0.0295	NA	0.0295	<0.059	<0.059	NA	NA	NA	NA	NA	NA	NA
PCB 121	1	100	<0.055	0.0275	NA	0.0275	<0.055	<0.055	NA	NA	NA	NA	NA	NA	NA
PCB 122	1	0	NA	0.081	NA	0.081	0.081	0.081	NA	NA	NA	NA	NA	NA	NA
PCB 123	1	0	NA	0.077	NA	0.077	0.077	0.077	NA	NA	NA	NA	NA	NA	NA
PCB 126	1	100	<0.07	0.035	NA	0.035	<0.07	<0.07	NA	NA	NA	NA	NA	NA	NA
PCB 127	1	100	<0.068	0.034	NA	0.034	<0.068	<0.068	NA	NA	NA	NA	NA	NA	NA
PCB 128 & 166	1	0	NA	0.74	NA	0.74	0.74	0.74	NA	NA	NA	NA	NA	NA	NA
PCB 129 & 138 & 163	1	0	NA	5.3	NA	5.3	5.3	5.3	NA	NA	NA	NA	NA	NA	NA
PCB 130	1	0	NA	0.28	NA	0.28	0.28	0.28	NA	NA	NA	NA	NA	NA	NA
PCB 131	1	100	<0.033	0.0165	NA	0.0165	<0.033	<0.033	NA	NA	NA	NA	NA	NA	NA
PCB 132	1	0	NA	1.2	NA	1.2	1.2	1.2	NA	NA	NA	NA	NA	NA	NA
PCB 133	1	0	NA	0.1	NA	0.1	0.1	0.1	NA	NA	NA	NA	NA	NA	NA
PCB 134 & 143	1	0	NA	0.18	NA	0.18	0.18	0.18	NA	NA	NA	NA	NA	NA	NA
PCB 135 & 151	1	0	NA	1.5	NA	1.5	1.5	1.5	NA	NA	NA	NA	NA	NA	NA
PCB 136	1	0	NA	0.39	NA	0.39	0.39	0.39	NA	NA	NA	NA	NA	NA	NA
PCB 137	1	0	NA	0.14	NA	0.14	0.14	0.14	NA	NA	NA	NA	NA	NA	NA

Table 17. Summary of sediment chemistry data collected in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 139 & 140	1	0	NA	0.056	NA	0.056	0.056	0.056	NA	NA	NA	NA	NA	NA	NA
PCB 141	1	0	NA	0.76	NA	0.76	0.76	0.76	NA	NA	NA	NA	NA	NA	NA
PCB 142	1	100	<0.03	0.015	NA	0.015	<0.03	<0.03	NA	NA	NA	NA	NA	NA	NA
PCB 144	1	0	NA	0.14	NA	0.14	0.14	0.14	NA	NA	NA	NA	NA	NA	NA
PCB 145	1	100	<0.019	0.0095	NA	0.0095	<0.019	<0.019	NA	NA	NA	NA	NA	NA	NA
PCB 146	1	0	NA	0.78	NA	0.78	0.78	0.78	NA	NA	NA	NA	NA	NA	NA
PCB 147 & 149	1	0	NA	3.5	NA	3.5	3.5	3.5	NA	NA	NA	NA	NA	NA	NA
PCB 148	1	100	<0.027	0.0135	NA	0.0135	<0.027	<0.027	NA	NA	NA	NA	NA	NA	NA
PCB 150	1	100	<0.018	0.009	NA	0.009	<0.018	<0.018	NA	NA	NA	NA	NA	NA	NA
PCB 152	1	100	<0.018	0.009	NA	0.009	<0.018	<0.018	NA	NA	NA	NA	NA	NA	NA
PCB 153 & 168	1	0	NA	4	NA	4	4	4	NA	NA	NA	NA	NA	NA	NA
PCB 154	1	0	NA	0.096	NA	0.096	0.096	0.096	NA	NA	NA	NA	NA	NA	NA
PCB 155	1	100	<0.034	0.017	NA	0.017	<0.034	<0.034	NA	NA	NA	NA	NA	NA	NA
PCB 156 & 157	1	0	NA	0.76	NA	0.76	0.76	0.76	NA	NA	NA	NA	NA	NA	NA
PCB 158	1	0	NA	0.46	NA	0.46	0.46	0.46	NA	NA	NA	NA	NA	NA	NA
PCB 159	1	100	<0.0072	0.0036	NA	0.0036	<0.0072	<0.0072	NA	NA	NA	NA	NA	NA	NA
PCB 160	1	100	<0.024	0.012	NA	0.012	<0.024	<0.024	NA	NA	NA	NA	NA	NA	NA
PCB 161	1	100	<0.021	0.0105	NA	0.0105	<0.021	<0.021	NA	NA	NA	NA	NA	NA	NA
PCB 162	1	0	NA	0.016	NA	0.016	0.016	0.016	NA	NA	NA	NA	NA	NA	NA
PCB 164	1	0	NA	0.32	NA	0.32	0.32	0.32	NA	NA	NA	NA	NA	NA	NA
PCB 165	1	100	<0.024	0.012	NA	0.012	<0.024	<0.024	NA	NA	NA	NA	NA	NA	NA
PCB 167	1	0	NA	0.22	NA	0.22	0.22	0.22	NA	NA	NA	NA	NA	NA	NA
PCB 169	1	100	<0.0073	0.00365	NA	0.00365	<0.0073	<0.0073	NA	NA	NA	NA	NA	NA	NA
PCB 170	1	0	NA	2.3	NA	2.3	2.3	2.3	NA	NA	NA	NA	NA	NA	NA
PCB 171 & 173	1	0	NA	0.58	NA	0.58	0.58	0.58	NA	NA	NA	NA	NA	NA	NA
PCB 172	1	0	NA	0.37	NA	0.37	0.37	0.37	NA	NA	NA	NA	NA	NA	NA
PCB 174	1	0	NA	2.2	NA	2.2	2.2	2.2	NA	NA	NA	NA	NA	NA	NA
PCB 175	1	0	NA	0.069	NA	0.069	0.069	0.069	NA	NA	NA	NA	NA	NA	NA
PCB 176	1	0	NA	0.18	NA	0.18	0.18	0.18	NA	NA	NA	NA	NA	NA	NA
PCB 177	1	0	NA	1.4	NA	1.4	1.4	1.4	NA	NA	NA	NA	NA	NA	NA
PCB 178	1	0	NA	0.55	NA	0.55	0.55	0.55	NA	NA	NA	NA	NA	NA	NA

Table 17. Summary of sediment chemistry data collected in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 179	1	0	NA	0.81	NA	0.81	0.81	0.81	NA	NA	NA	NA	NA	NA	NA
PCB 180 & 193	1	0	NA	5.1	NA	5.1	5.1	5.1	NA	NA	NA	NA	NA	NA	NA
PCB 181	1	0	NA	0.012	NA	0.012	0.012	0.012	NA	NA	NA	NA	NA	NA	NA
PCB 182	1	0	NA	0.014	NA	0.014	0.014	0.014	NA	NA	NA	NA	NA	NA	NA
PCB 183	1	0	NA	1	NA	1	1	1	NA	NA	NA	NA	NA	NA	NA
PCB 184	1	100	<0.0011	0.00055	NA	0.00055	<0.0011	<0.0011	NA	NA	NA	NA	NA	NA	NA
PCB 185	1	0	NA	0.14	NA	0.14	0.14	0.14	NA	NA	NA	NA	NA	NA	NA
PCB 186	1	100	<0.001	0.0005	NA	0.0005	<0.001	<0.001	NA	NA	NA	NA	NA	NA	NA
PCB 187	1	0	NA	3.1	NA	3.1	3.1	3.1	NA	NA	NA	NA	NA	NA	NA
PCB 188	1	0	NA	0.0096	NA	0.0096	0.0096	0.0096	NA	NA	NA	NA	NA	NA	NA
PCB 189	1	0	NA	0.072	NA	0.072	0.072	0.072	NA	NA	NA	NA	NA	NA	NA
PCB 190	1	0	NA	0.53	NA	0.53	0.53	0.53	NA	NA	NA	NA	NA	NA	NA
PCB 191	1	0	NA	0.093	NA	0.093	0.093	0.093	NA	NA	NA	NA	NA	NA	NA
PCB 192	1	100	<0.004	0.002	NA	0.002	<0.004	<0.004	NA	NA	NA	NA	NA	NA	NA
PCB 194	1	0	NA	1.2	NA	1.2	1.2	1.2	NA	NA	NA	NA	NA	NA	NA
PCB 195	1	0	NA	0.37	NA	0.37	0.37	0.37	NA	NA	NA	NA	NA	NA	NA
PCB 196	1	0	NA	0.55	NA	0.55	0.55	0.55	NA	NA	NA	NA	NA	NA	NA
PCB 197	1	0	NA	0.026	NA	0.026	0.026	0.026	NA	NA	NA	NA	NA	NA	NA
PCB 198 & 199	1	0	NA	1.8	NA	1.8	1.8	1.8	NA	NA	NA	NA	NA	NA	NA
PCB 200	1	0	NA	0.16	NA	0.16	0.16	0.16	NA	NA	NA	NA	NA	NA	NA
PCB 201	1	0	NA	0.13	NA	0.13	0.13	0.13	NA	NA	NA	NA	NA	NA	NA
PCB 202	1	0	NA	0.39	NA	0.39	0.39	0.39	NA	NA	NA	NA	NA	NA	NA
PCB 203	1	0	NA	1.1	NA	1.1	1.1	1.1	NA	NA	NA	NA	NA	NA	NA
PCB 204	1	100	<0.0031	0.00155	NA	0.00155	<0.0031	<0.0031	NA	NA	NA	NA	NA	NA	NA
PCB 205	1	0	NA	0.054	NA	0.054	0.054	0.054	NA	NA	NA	NA	NA	NA	NA
PCB 206	1	0	NA	1.4	NA	1.4	1.4	1.4	NA	NA	NA	NA	NA	NA	NA
PCB 207	1	0	NA	0.1	NA	0.1	0.1	0.1	NA	NA	NA	NA	NA	NA	NA
PCB 208	1	0	NA	0.46	NA	0.46	0.46	0.46	NA	NA	NA	NA	NA	NA	NA
PCB 209	1	0	NA	0.84	NA	0.84	0.84	0.84	NA	NA	NA	NA	NA	NA	NA
Total PCBs - Homologs	1	0	NA	107	NA	107	107	107	NA	NA	NA	NA	NA	NA	NA

Table 17. Summary of sediment chemistry data collected in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	1	100	<0.000136	0.000068	NA	0.000068	<0.000136	<0.000136	NA	NA	NA	NA	NA	NA	NA
Total TCDD	1	0	NA	0.000321	NA	0.000321	0.000321	0.000321	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	1	100	<0.000117	0.0000585	NA	0.0000585	<0.000117	<0.000117	NA	NA	NA	NA	NA	NA	NA
Total PeCDD	1	100	<0.000117	0.0000585	NA	0.0000585	<0.000117	<0.000117	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	1	100	<0.000113	0.0000565	NA	0.0000565	<0.000113	<0.000113	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	1	100	<0.000119	0.0000595	NA	0.0000595	<0.000119	<0.000119	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	1	0	NA	0.000169	NA	0.000169	0.000169	0.000169	NA	NA	NA	NA	NA	NA	NA
Total HxCDD	1	0	NA	0.000816	NA	0.000816	0.000816	0.000816	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	1	0	NA	0.00309	NA	0.00309	0.00309	0.00309	NA	NA	NA	NA	NA	NA	NA
Total HpCDD	1	0	NA	0.00626	NA	0.00626	0.00626	0.00626	NA	NA	NA	NA	NA	NA	NA
Total OCDD	1	0	NA	0.0702	NA	0.0702	0.0702	0.0702	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDF	1	100	<0.00078	0.00039	NA	0.00039	<0.00078	<0.00078	NA	NA	NA	NA	NA	NA	NA
Total TCDF	1	0	NA	0.00704	NA	0.00704	0.00704	0.00704	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	1	0	NA	0.000214	NA	0.000214	0.000214	0.000214	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	1	0	NA	0.00043	NA	0.00043	0.00043	0.00043	NA	NA	NA	NA	NA	NA	NA
Total PeCDF	1	0	NA	0.00294	NA	0.00294	0.00294	0.00294	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	1	0	NA	0.000731	NA	0.000731	0.000731	0.000731	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	1	0	NA	0.000181	NA	0.000181	0.000181	0.000181	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	1	100	<0.000115	0.0000575	NA	0.0000575	<0.000115	<0.000115	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	1	0	NA	0.000128	NA	0.000128	0.000128	0.000128	NA	NA	NA	NA	NA	NA	NA
Total HxCDF	1	0	NA	0.00188	NA	0.00188	0.00188	0.00188	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	1	0	NA	0.000915	NA	0.000915	0.000915	0.000915	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	1	0	NA	0.000192	NA	0.000192	0.000192	0.000192	NA	NA	NA	NA	NA	NA	NA
Total HpCDF	1	0	NA	0.00197	NA	0.00197	0.00197	0.00197	NA	NA	NA	NA	NA	NA	NA
Total OCDF	1	0	NA	0.00121	NA	0.00121	0.00121	0.00121	NA	NA	NA	NA	NA	NA	NA
Mean Quotients															
Mean PEC-Q_{METALS}	8	0	NA	0.066	0.0246	0.0621	0.0355	0.11	0.038	0.0405	0.0539	0.0581	0.0803	0.095	0.102

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 18. Summary of sediment chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	15	0	NA	5.33	3.39	3.96	0.2	13.1	1.6	2.24	2.3	5.7	6.7	9.26	11
Silt (%)	15	0	NA	43.4	24.1	37.1	14.8	84.6	14.9	16	23.3	47.2	52.4	80.8	82.5
Fines (silt+clay; %)	15	0	NA	48.8	27	41.6	15.2	94.7	16.5	18.1	27.3	53	57.5	91.5	94.7
Gravel (%)	15	0	NA	0	0	NA	0	0	0	0	0	0	0	0	0
Sand (%)	15	0	NA	51.2	27	39.2	5.3	84.8	5.3	8.5	42.6	47	72.8	81.9	83.5
Solids (%)	15	0	NA	66.5	13.1	65.2	40.1	83.7	44.8	50.7	58.8	66.2	78.3	81.9	82.9
Phosphorus (mg/kg)	15	0	NA	350	194	301	60.3	865	138	189	221	315	411	552	688
Total Organic Carbon (%)	15	0	NA	0.98	0.611	0.782	0.19	2	0.288	0.346	0.4	1	1.55	1.76	1.86
Metals (mg/kg DW)															
Aluminum	15	0	NA	5220	3710	4200	913	13700	1730	2190	2720	4070	5940	10500	13300
Antimony	15	93.3	<0.1 to <0.25	0.085	0.0387	0.0767	<0.1	<0.25	0.05	0.05	0.05	0.05	0.125	0.125	0.125
Arsenic	15	0	NA	3.32	1.94	2.78	0.565	7.3	1.28	1.66	1.97	2.69	4.57	6.05	6.71
Barium	15	0	NA	48.4	35.5	38.9	9.75	133	17.3	21	24.9	39.7	54.7	100	125
Beryllium	15	6.67	<0.25	0.376	0.181	0.337	0.195	0.775	0.174	0.2	0.251	0.35	0.459	0.611	0.69
Cadmium	15	46.7	<0.1 to <0.25	0.205	0.14	0.16	<0.1	0.459	0.05	0.05	0.125	0.134	0.314	0.396	0.423
Calcium	15	0	NA	917	655	737	286	2290	318	350	443	613	1260	1920	2210
Chromium	15	0	NA	12.8	6.36	11	1.66	28.8	5.97	7.82	8.93	11.4	16.6	18.5	21.8
Cobalt	15	0	NA	5.7	3.74	4.61	0.873	13.7	2.03	2.54	2.84	5.3	6.97	10.9	13.4
Copper	15	0	NA	7.99	5.36	6.24	1.18	17.8	2.38	3	3.52	6.42	11.7	15.6	17
Iron	15	0	NA	11900	6610	10100	1920	25600	4420	5920	7750	10000	14800	21400	25100
Lead	15	0	NA	12	6.73	10.2	2.6	25.7	4.57	5.6	7.35	11.5	14.8	21.7	25.2
Magnesium	15	0	NA	629	413	510	182	1400	214	231	287	517	903	1230	1390
Manganese	15	0	NA	458	397	352	71.5	1720	146	180	232	335	538	713	1030
Mercury	7	0	NA	0.454	0.149	0.43	0.223	0.608	0.26	0.296	0.37	0.416	0.595	0.604	0.606
Molybdenum	15	13.3	<0.25	0.259	0.113	0.237	0.137	0.499	0.125	0.13	0.167	0.24	0.35	0.372	0.413
Nickel	15	0	NA	5.03	3.31	4.06	0.872	12.1	1.76	2.15	2.32	4.63	6.67	9.64	11.6
Potassium	15	0	NA	311	190	258	68.4	694	102	121	170	273	401	593	674
Selenium	15	20	<0.1 to <0.25	0.324	0.232	0.242	<0.1	0.869	0.05	0.08	0.14	0.286	0.452	0.58	0.709
Silver	15	100	<0.1 to <0.25	0.08	0.038	0.0721	<0.1	<0.25	0.05	0.05	0.05	0.05	0.125	0.125	0.125
Sodium	15	6.67	<1	17.5	10.9	13.1	<1	41.1	5.58	8.5	10.2	15.7	20.9	33.4	38.7
Thallium	15	80	<0.1 to <0.25	0.107	0.0723	0.0887	<0.1	0.282	0.05	0.05	0.05	0.101	0.125	0.195	0.254
Vanadium	15	0	NA	9.61	5.54	8.09	1.39	23.4	3.34	4.53	6.62	8.72	11	16.2	20
Zinc	15	0	NA	39.4	21.3	33.7	9.45	81.1	13.6	16.5	23	38.8	51.5	66.9	71.4
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	15	100	<1.3 to <5.13	1.25	0.49	1.18	<1.3	<5.13	0.699	0.76	0.865	1.23	1.48	1.69	1.99
Aroclor 1221	15	100	<1.3 to <5.36	1.3	0.525	1.21	<1.3	<5.36	0.699	0.76	0.865	1.29	1.55	1.76	2.08
Aroclor 1232	15	100	<1.3 to <5.36	1.3	0.525	1.21	<1.3	<5.36	0.699	0.76	0.865	1.29	1.55	1.76	2.08

Table 18. Summary of sediment chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
Aroclor 1242	15	100	<1.3 to <5.36	1.3	0.525	1.21	<1.3	<5.36	0.699	0.76	0.865	1.29	1.55	1.76	2.08
Aroclor 1248	15	0	NA	121	103	80	14.3	311	19.6	23.9	33.2	74.3	193	280	307
Aroclor 1254	15	0	NA	167	138	114	19.3	422	29.5	36.7	51.9	109	263	369	393
Aroclor 1260	15	0	NA	115	103	76.8	14.1	296	21.2	27.6	44.5	54.8	195	272	288
Total PCBs - Aroclors	15	0	NA	408	339	281	52.8	990	79.4	96.6	134	241	649	922	954
PCB 001	3	0	NA	4.33	2.32	3.97	2.8	7	2.84	2.88	3	3.2	5.1	6.24	6.62
PCB 002	3	0	NA	0.45	0.279	0.395	0.22	0.76	0.235	0.25	0.295	0.37	0.565	0.682	0.721
PCB 003	3	0	NA	4.97	3.18	4.37	2.7	8.6	2.79	2.88	3.15	3.6	6.1	7.6	8.1
PCB 004	3	0	NA	3.27	1.87	2.95	1.9	5.4	1.96	2.02	2.2	2.5	3.95	4.82	5.11
PCB 005	3	0	NA	0.136	0.0871	0.117	0.058	0.23	0.0642	0.0704	0.089	0.12	0.175	0.208	0.219
PCB 006	3	0	NA	1.98	1.45	1.65	0.83	3.6	0.897	0.964	1.17	1.5	2.55	3.18	3.39
PCB 007	3	0	NA	0.353	0.255	0.296	0.15	0.64	0.162	0.174	0.21	0.27	0.455	0.566	0.603
PCB 008	3	0	NA	5.77	3.74	5.03	2.9	10	3.05	3.2	3.65	4.4	7.2	8.88	9.44
PCB 009	3	0	NA	0.293	0.172	0.259	0.14	0.48	0.152	0.164	0.2	0.26	0.37	0.436	0.458
PCB 010	3	0	NA	0.207	0.133	0.182	0.12	0.36	0.122	0.124	0.13	0.14	0.25	0.316	0.338
PCB 011	3	0	NA	0.213	0.148	0.181	0.098	0.38	0.104	0.11	0.129	0.16	0.27	0.336	0.358
PCB 012 & 013	3	0	NA	1.29	0.896	1.1	0.59	2.3	0.629	0.668	0.785	0.98	1.64	2.04	2.17
PCB 014	3	100	<0.036 to <0.11	0.0313	0.0206	0.0275	<0.036	<0.11	0.0183	0.0186	0.0195	0.021	0.038	0.0482	0.0516
PCB 015	3	0	NA	16.3	13.7	13	6.9	32	7.21	7.52	8.45	10	21	27.6	29.8
PCB 016	3	0	NA	0.443	0.252	0.394	0.21	0.71	0.23	0.25	0.31	0.41	0.56	0.65	0.68
PCB 017	3	0	NA	1.54	1.11	1.3	0.71	2.8	0.749	0.788	0.905	1.1	1.95	2.46	2.63
PCB 018 & 030	3	0	NA	1.39	0.925	1.19	0.58	2.4	0.642	0.704	0.89	1.2	1.8	2.16	2.28
PCB 019	3	0	NA	0.893	0.527	0.804	0.55	1.5	0.558	0.566	0.59	0.63	1.07	1.33	1.41
PCB 020 & 028	3	0	NA	9.23	7.71	7.31	3.5	18	3.77	4.04	4.85	6.2	12.1	15.6	16.8
PCB 021 & 033	3	0	NA	2	1.68	1.56	0.7	3.9	0.77	0.84	1.05	1.4	2.65	3.4	3.65
PCB 022	3	0	NA	1.36	1.01	1.13	0.58	2.5	0.622	0.664	0.79	1	1.75	2.2	2.35
PCB 023	3	100	<0.026 to <0.1	0.0277	0.0197	0.0235	<0.026	<0.1	0.0137	0.0144	0.0165	0.02	0.035	0.044	0.047
PCB 024	3	0	NA	0.0126	0.00837	0.0109	0.0059	0.022	0.00631	0.00672	0.00795	0.01	0.016	0.0196	0.0208
PCB 025	3	0	NA	2.08	1.86	1.59	0.74	4.2	0.796	0.852	1.02	1.3	2.75	3.62	3.91
PCB 026 & 029	3	0	NA	2.41	1.94	1.93	0.92	4.6	0.998	1.08	1.31	1.7	3.15	4.02	4.31
PCB 027	3	0	NA	0.47	0.357	0.393	0.23	0.88	0.237	0.244	0.265	0.3	0.59	0.764	0.822
PCB 031	3	0	NA	4.6	3.36	3.85	2	8.4	2.14	2.28	2.7	3.4	5.9	7.4	7.9
PCB 032	3	0	NA	0.667	0.384	0.6	0.37	1.1	0.386	0.402	0.45	0.53	0.815	0.986	1.04
PCB 034	3	100	<0.027 to <0.11	0.0298	0.0221	0.025	<0.027	<0.11	0.0143	0.015	0.0173	0.021	0.038	0.0482	0.0516
PCB 035	3	0	NA	0.112	0.0852	0.0937	0.053	0.21	0.0551	0.0572	0.0635	0.074	0.142	0.183	0.196
PCB 036	3	0	NA	0.118	0.0898	0.0977	0.051	0.22	0.0542	0.0574	0.067	0.083	0.152	0.193	0.206
PCB 037	3	0	NA	5.83	5.37	4.43	2.2	12	2.31	2.42	2.75	3.3	7.65	10.3	11.1
PCB 038	3	100	<0.029 to <0.12	0.0325	0.0242	0.0271	<0.029	<0.12	0.0154	0.0162	0.0188	0.023	0.0415	0.0526	0.0563

Table 18. Summary of sediment chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 039	3	100	<0.027 to <0.11	0.03	0.022	0.0252	<0.027	<0.11	0.0143	0.0151	0.0175	0.0215	0.0383	0.0483	0.0517
PCB 040 & 071	3	0	NA	1.66	1.18	1.4	0.77	3	0.813	0.856	0.985	1.2	2.1	2.64	2.82
PCB 041	3	0	NA	0.083	0.0429	0.0759	0.046	0.13	0.0487	0.0514	0.0595	0.073	0.102	0.119	0.124
PCB 042	3	0	NA	1.28	0.985	1.06	0.55	2.4	0.584	0.618	0.72	0.89	1.65	2.1	2.25
PCB 043	3	0	NA	0.099	0.0626	0.0872	0.052	0.17	0.0543	0.0566	0.0635	0.075	0.123	0.151	0.161
PCB 044 & 047 & 065	3	0	NA	6	4.37	5.08	2.9	11	3.02	3.14	3.5	4.1	7.55	9.62	10.3
PCB 045	3	0	NA	0.17	0.101	0.15	0.081	0.28	0.0879	0.0948	0.116	0.15	0.215	0.254	0.267
PCB 046	3	0	NA	0.094	0.0584	0.083	0.049	0.16	0.0514	0.0538	0.061	0.073	0.117	0.143	0.151
PCB 048	3	0	NA	0.327	0.227	0.276	0.14	0.58	0.152	0.164	0.2	0.26	0.42	0.516	0.548
PCB 049 & 069	3	0	NA	5.1	3.86	4.24	2.3	9.5	2.42	2.54	2.9	3.5	6.5	8.3	8.9
PCB 050 & 053	3	0	NA	0.697	0.439	0.616	0.39	1.2	0.401	0.412	0.445	0.5	0.85	1.06	1.13
PCB 051	3	0	NA	0.343	0.179	0.316	0.23	0.55	0.232	0.234	0.24	0.25	0.4	0.49	0.52
PCB 052	3	0	NA	7.63	5.61	6.4	3.4	14	3.61	3.82	4.45	5.5	9.75	12.3	13.2
PCB 054	3	0	NA	0.127	0.0803	0.113	0.079	0.22	0.0794	0.0798	0.081	0.083	0.152	0.193	0.206
PCB 055	3	100	<0.02 to <0.066	0.019	0.0123	0.0167	<0.02	<0.066	0.0104	0.0108	0.012	0.014	0.0235	0.0292	0.0311
PCB 056	3	0	NA	2.63	2.16	2.12	1.1	5.1	1.16	1.22	1.4	1.7	3.4	4.42	4.76
PCB 057	3	0	NA	0.0867	0.0812	0.0651	0.032	0.18	0.0336	0.0352	0.04	0.048	0.114	0.154	0.167
PCB 058	3	0	NA	0.0417	0.0285	0.0358	0.02	0.074	0.0211	0.0222	0.0255	0.031	0.0525	0.0654	0.0697
PCB 059 & 062 & 075	3	0	NA	0.487	0.363	0.407	0.22	0.9	0.232	0.244	0.28	0.34	0.62	0.788	0.844
PCB 060	3	0	NA	1.01	0.699	0.861	0.48	1.8	0.506	0.532	0.61	0.74	1.27	1.59	1.69
PCB 061 & 070 & 074 & 076	3	0	NA	8.93	7.04	7.33	4	17	4.18	4.36	4.9	5.8	11.4	14.8	15.9
PCB 063	3	0	NA	0.333	0.259	0.275	0.15	0.63	0.157	0.164	0.185	0.22	0.425	0.548	0.589
PCB 064	3	0	NA	2.12	1.49	1.81	0.97	3.8	1.03	1.1	1.29	1.6	2.7	3.36	3.58
PCB 066	3	0	NA	10.8	8.9	8.69	4.6	21	4.82	5.04	5.7	6.8	13.9	18.2	19.6
PCB 067	3	0	NA	0.241	0.209	0.188	0.093	0.48	0.0987	0.104	0.122	0.15	0.315	0.414	0.447
PCB 068	3	0	NA	0.24	0.2	0.193	0.11	0.47	0.113	0.116	0.125	0.14	0.305	0.404	0.437
PCB 072	3	0	NA	0.21	0.165	0.173	0.1	0.4	0.103	0.106	0.115	0.13	0.265	0.346	0.373
PCB 073	3	0	NA	0.0823	0.059	0.0702	0.042	0.15	0.0433	0.0446	0.0485	0.055	0.103	0.131	0.141
PCB 077	3	0	NA	1.82	1.64	1.41	0.76	3.7	0.783	0.806	0.875	0.99	2.35	3.16	3.43
PCB 078	3	100	<0.022 to <0.074	0.0212	0.0139	0.0185	<0.022	<0.074	0.0115	0.0119	0.0133	0.0155	0.0263	0.0327	0.0349
PCB 079	3	0	NA	0.076	0.0556	0.0645	0.04	0.14	0.0408	0.0416	0.044	0.048	0.094	0.122	0.131
PCB 080	3	100	<0.018 to <0.061	0.0175	0.0114	0.0153	<0.018	<0.061	0.0094	0.0098	0.011	0.013	0.0218	0.027	0.0288
PCB 081	3	100	<0.023 to <0.076	0.0217	0.0143	0.0189	<0.023	<0.076	0.0119	0.0123	0.0135	0.0155	0.0268	0.0335	0.0358
PCB 082	3	0	NA	0.673	0.46	0.582	0.35	1.2	0.362	0.374	0.41	0.47	0.835	1.05	1.13
PCB 083	3	33.3	<0.32	0.143	0.0208	0.142	0.12	<0.32	0.123	0.126	0.135	0.15	0.155	0.158	0.159
PCB 084	3	0	NA	1.02	0.688	0.879	0.51	1.8	0.533	0.556	0.625	0.74	1.27	1.59	1.69
PCB 085 & 116 & 117	3	0	NA	1.3	0.87	1.14	0.7	2.3	0.721	0.742	0.805	0.91	1.61	2.02	2.16

Table 18. Summary of sediment chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 086 & 087 & 097 & 108 & 119 & 125	3	0	NA	4.07	2.74	3.53	2.1	7.2	2.18	2.26	2.5	2.9	5.05	6.34	6.77
PCB 088 & 091	3	0	NA	1.46	1.08	1.23	0.69	2.7	0.721	0.752	0.845	1	1.85	2.36	2.53
PCB 089	3	100	<0.078 to <0.25	0.0713	0.0468	0.0625	<0.078	<0.25	0.0401	0.0412	0.0445	0.05	0.0875	0.11	0.118
PCB 090 & 101 & 113	3	0	NA	7.2	5.07	6.16	3.6	13	3.74	3.88	4.3	5	9	11.4	12.2
PCB 092	3	0	NA	1.81	1.22	1.56	0.92	3.2	0.958	0.996	1.11	1.3	2.25	2.82	3.01
PCB 093 & 100	3	0	NA	0.383	0.249	0.337	0.22	0.67	0.224	0.228	0.24	0.26	0.465	0.588	0.629
PCB 094	3	100	<0.074 to <0.24	0.0685	0.045	0.0599	<0.074	<0.24	0.0382	0.0393	0.0428	0.0485	0.0843	0.106	0.113
PCB 095	3	0	NA	4.03	2.61	3.53	2.1	7	2.19	2.28	2.55	3	5	6.2	6.6
PCB 096	3	0	NA	0.062	0.0418	0.054	0.034	0.11	0.0348	0.0356	0.038	0.042	0.076	0.0964	0.103
PCB 098 & 102	3	0	NA	0.223	0.131	0.2	0.12	0.37	0.126	0.132	0.15	0.18	0.275	0.332	0.351
PCB 099	3	0	NA	5.2	3.76	4.41	2.5	9.5	2.61	2.72	3.05	3.6	6.55	8.32	8.91
PCB 103	3	0	NA	0.203	0.146	0.173	0.1	0.37	0.104	0.108	0.12	0.14	0.255	0.324	0.347
PCB 104	3	0	NA	0.0303	0.0196	0.0267	0.019	0.053	0.019	0.019	0.019	0.019	0.036	0.0462	0.0496
PCB 105	3	0	NA	4.2	3.13	3.54	2.1	7.8	2.16	2.22	2.4	2.7	5.25	6.78	7.29
PCB 106	3	100	<0.063 to <0.2	0.0575	0.0371	0.0505	<0.063	<0.2	0.0325	0.0334	0.0363	0.041	0.0705	0.0882	0.0941
PCB 107 & 124	3	0	NA	0.22	0.147	0.192	0.13	0.39	0.131	0.132	0.135	0.14	0.265	0.34	0.365
PCB 109	3	0	NA	0.85	0.652	0.709	0.42	1.6	0.431	0.442	0.475	0.53	1.07	1.39	1.49
PCB 110 & 115	3	0	NA	9.9	7.09	8.42	4.8	18	5.01	5.22	5.85	6.9	12.5	15.8	16.9
PCB 111	3	100	<0.051 to <0.16	0.0463	0.0294	0.0409	<0.051	<0.16	0.0263	0.0271	0.0295	0.0335	0.0568	0.0707	0.0754
PCB 112	3	100	<0.049 to <0.16	0.0455	0.0301	0.0397	<0.049	<0.16	0.0253	0.026	0.0283	0.032	0.056	0.0704	0.0752
PCB 114	3	0	NA	0.163	0.103	0.144	0.089	0.28	0.0921	0.0952	0.105	0.12	0.2	0.248	0.264
PCB 118	3	0	NA	9.7	7.23	8.16	4.8	18	4.95	5.1	5.55	6.3	12.2	15.7	16.8
PCB 120	3	66.7	<0.054 to <0.071	0.0808	0.086	0.0557	<0.054	0.18	0.0279	0.0287	0.0313	0.0355	0.108	0.151	0.166
PCB 121	3	100	<0.051 to <0.16	0.0463	0.0294	0.0409	<0.051	<0.16	0.0263	0.0271	0.0295	0.0335	0.0568	0.0707	0.0754
PCB 122	3	0	NA	0.129	0.0795	0.115	0.075	0.22	0.0766	0.0782	0.083	0.091	0.156	0.194	0.207
PCB 123	3	0	NA	0.145	0.0999	0.125	0.086	0.26	0.0862	0.0864	0.087	0.088	0.174	0.226	0.243
PCB 126	3	33.3	<0.073	0.142	0.132	0.101	<0.073	0.29	0.0427	0.0488	0.0673	0.098	0.194	0.252	0.271
PCB 127	3	100	<0.063 to <0.2	0.0575	0.0371	0.0505	<0.063	<0.2	0.0325	0.0334	0.0363	0.041	0.0705	0.0882	0.0941
PCB 128 & 166	3	0	NA	1.68	0.99	1.5	0.93	2.8	0.967	1	1.12	1.3	2.05	2.5	2.65
PCB 129 & 138 & 163	3	0	NA	11.6	6.5	10.5	6.7	19	6.95	7.2	7.95	9.2	14.1	17	18
PCB 130	3	0	NA	0.71	0.433	0.631	0.38	1.2	0.397	0.414	0.465	0.55	0.875	1.07	1.14
PCB 131	3	100	<0.046 to <0.11	0.0365	0.0166	0.0342	<0.046	<0.11	0.0239	0.0247	0.0273	0.0315	0.0433	0.0503	0.0527
PCB 132	3	0	NA	2.4	1.32	2.18	1.4	3.9	1.45	1.5	1.65	1.9	2.9	3.5	3.7
PCB 133	3	0	NA	0.353	0.216	0.315	0.2	0.6	0.206	0.212	0.23	0.26	0.43	0.532	0.566
PCB 134 & 143	3	0	NA	0.36	0.202	0.326	0.21	0.59	0.217	0.224	0.245	0.28	0.435	0.528	0.559
PCB 135 & 151	3	0	NA	3.63	2.1	3.26	2	6	2.09	2.18	2.45	2.9	4.45	5.38	5.69
PCB 136	3	0	NA	0.893	0.537	0.796	0.48	1.5	0.502	0.524	0.59	0.7	1.1	1.34	1.42
PCB 137	3	0	NA	0.21	0.156	0.177	0.11	0.39	0.112	0.114	0.12	0.13	0.26	0.338	0.364

Table 18. Summary of sediment chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 139 & 140	3	0	NA	0.111	0.0609	0.101	0.064	0.18	0.0666	0.0692	0.077	0.09	0.135	0.162	0.171
PCB 141	3	0	NA	1.12	0.683	0.996	0.65	1.9	0.665	0.68	0.725	0.8	1.35	1.68	1.79
PCB 142	3	100	<0.043 to <0.1	0.0335	0.0148	0.0315	<0.043	<0.1	0.0223	0.023	0.0253	0.029	0.0395	0.0458	0.0479
PCB 144	3	0	NA	0.237	0.127	0.216	0.14	0.38	0.145	0.15	0.165	0.19	0.285	0.342	0.361
PCB 145	3	100	<0.028 to <0.064	0.0215	0.00937	0.0202	<0.028	<0.064	0.0145	0.0149	0.0163	0.0185	0.0253	0.0293	0.0307
PCB 146	3	0	NA	2.37	1.44	2.11	1.3	4	1.35	1.4	1.55	1.8	2.9	3.56	3.78
PCB 147 & 149	3	0	NA	8.43	4.93	7.56	4.6	14	4.81	5.02	5.65	6.7	10.4	12.5	13.3
PCB 148	3	0	NA	0.0813	0.0511	0.0721	0.047	0.14	0.048	0.049	0.052	0.057	0.0985	0.123	0.132
PCB 150	3	33.3	<0.026	0.0427	0.0342	0.0331	<0.026	0.08	0.0152	0.0174	0.024	0.035	0.0575	0.071	0.0755
PCB 152	3	100	<0.026 to <0.061	0.0203	0.00909	0.0191	<0.026	<0.061	0.0135	0.0139	0.0153	0.0175	0.024	0.0279	0.0292
PCB 153 & 168	3	0	NA	10	6.14	8.91	5.4	17	5.63	5.86	6.55	7.7	12.4	15.1	16.1
PCB 154	3	0	NA	0.447	0.326	0.378	0.22	0.82	0.228	0.236	0.26	0.3	0.56	0.716	0.768
PCB 155	3	100	<0.031 to <0.071	0.0247	0.0101	0.0233	<0.031	<0.071	0.0163	0.017	0.0193	0.023	0.0293	0.033	0.0343
PCB 156 & 157	3	0	NA	1.46	0.989	1.27	0.8	2.6	0.819	0.838	0.895	0.99	1.8	2.28	2.44
PCB 158	3	0	NA	0.84	0.492	0.755	0.48	1.4	0.496	0.512	0.56	0.64	1.02	1.25	1.32
PCB 159	3	33.3	<0.0094	0.0159	0.0129	0.0122	<0.0094	0.03	0.00553	0.00636	0.00885	0.013	0.0215	0.0266	0.0283
PCB 160	3	100	<0.034 to <0.079	0.0265	0.0117	0.0249	<0.034	<0.079	0.0176	0.0182	0.02	0.023	0.0313	0.0362	0.0379
PCB 161	3	100	<0.03 to <0.068	0.023	0.00985	0.0217	<0.03	<0.068	0.0155	0.016	0.0175	0.02	0.027	0.0312	0.0326
PCB 162	3	0	NA	0.035	0.0201	0.0316	0.021	0.058	0.0215	0.022	0.0235	0.026	0.042	0.0516	0.0548
PCB 164	3	0	NA	0.653	0.391	0.584	0.37	1.1	0.382	0.394	0.43	0.49	0.795	0.978	1.04
PCB 165	3	66.7	<0.034 to <0.046	0.043	0.0399	0.0326	<0.034	0.089	0.0176	0.0182	0.02	0.023	0.056	0.0758	0.0824
PCB 167	3	0	NA	0.487	0.334	0.421	0.26	0.87	0.267	0.274	0.295	0.33	0.6	0.762	0.816
PCB 169	3	100	<0.01 to <0.027	0.008	0.00477	0.00719	<0.01	<0.027	0.00505	0.0051	0.00525	0.0055	0.0095	0.0119	0.0127
PCB 170	3	0	NA	3.03	2.74	2.35	1.4	6.2	1.41	1.42	1.45	1.5	3.85	5.26	5.73
PCB 171 & 173	3	0	NA	1.21	0.705	1.08	0.65	2	0.682	0.714	0.81	0.97	1.49	1.79	1.9
PCB 172	3	0	NA	0.827	0.506	0.733	0.44	1.4	0.46	0.48	0.54	0.64	1.02	1.25	1.32
PCB 174	3	0	NA	4.3	2.48	3.87	2.4	7.1	2.5	2.6	2.9	3.4	5.25	6.36	6.73
PCB 175	3	0	NA	0.158	0.099	0.139	0.083	0.27	0.0867	0.0904	0.102	0.12	0.195	0.24	0.255
PCB 176	3	0	NA	0.38	0.221	0.341	0.21	0.63	0.219	0.228	0.255	0.3	0.465	0.564	0.597
PCB 177	3	0	NA	3.33	1.86	3.01	1.8	5.4	1.9	2	2.3	2.8	4.1	4.88	5.14
PCB 178	3	0	NA	1.53	0.858	1.38	0.88	2.5	0.912	0.944	1.04	1.2	1.85	2.24	2.37
PCB 179	3	0	NA	1.83	1.04	1.65	1	3	1.05	1.1	1.25	1.5	2.25	2.7	2.85
PCB 180 & 193	3	0	NA	6.43	4.83	5.42	3.4	12	3.45	3.5	3.65	3.9	7.95	10.4	11.2
PCB 181	3	0	NA	0.024	0.014	0.0216	0.014	0.04	0.0144	0.0148	0.016	0.018	0.029	0.0356	0.0378
PCB 182	3	0	NA	0.039	0.0236	0.0348	0.022	0.066	0.0227	0.0234	0.0255	0.029	0.0475	0.0586	0.0623
PCB 183	3	0	NA	2.13	1.21	1.93	1.2	3.5	1.25	1.3	1.45	1.7	2.6	3.14	3.32
PCB 184	3	66.7	<0.0021 to <0.0046	0.00285	0.00213	0.00232	<0.0021	0.0052	0.00118	0.0013	0.00168	0.0023	0.00375	0.00462	0.00491
PCB 185	3	0	NA	0.443	0.229	0.407	0.26	0.7	0.271	0.282	0.315	0.37	0.535	0.634	0.667
PCB 186	3	100	<0.0019 to <0.0044	0.0014	0.000695	0.0013	<0.0019	<0.0044	0.00096	0.00097	0.001	0.00105	0.00163	0.00197	0.00209

Table 18. Summary of sediment chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 187	3	0	NA	7.87	4.54	7.08	4.4	13	4.58	4.76	5.3	6.2	9.6	11.6	12.3
PCB 188	3	0	NA	0.0327	0.0238	0.0278	0.017	0.06	0.0174	0.0178	0.019	0.021	0.0405	0.0522	0.0561
PCB 189	3	0	NA	0.178	0.124	0.153	0.094	0.32	0.0966	0.0992	0.107	0.12	0.22	0.28	0.3
PCB 190	3	0	NA	1.09	0.627	0.981	0.61	1.8	0.635	0.66	0.735	0.86	1.33	1.61	1.71
PCB 191	3	0	NA	0.153	0.0874	0.138	0.08	0.25	0.085	0.09	0.105	0.13	0.19	0.226	0.238
PCB 192	3	100	<0.0043 to <0.013	0.00388	0.00231	0.00347	<0.0043	<0.013	0.00224	0.00232	0.00258	0.003	0.00475	0.0058	0.00615
PCB 194	3	0	NA	2.67	1.78	2.32	1.4	4.7	1.45	1.5	1.65	1.9	3.3	4.14	4.42
PCB 195	3	0	NA	0.91	0.518	0.823	0.53	1.5	0.547	0.564	0.615	0.7	1.1	1.34	1.42
PCB 196	3	0	NA	1.37	0.895	1.21	0.76	2.4	0.78	0.8	0.86	0.96	1.68	2.11	2.26
PCB 197	3	0	NA	0.058	0.0367	0.0512	0.032	0.1	0.033	0.034	0.037	0.042	0.071	0.0884	0.0942
PCB 198 & 199	3	0	NA	5	2.89	4.51	2.9	8.3	2.99	3.08	3.35	3.8	6.05	7.4	7.85
PCB 200	3	0	NA	0.31	0.243	0.256	0.15	0.59	0.154	0.158	0.17	0.19	0.39	0.51	0.55
PCB 201	3	0	NA	0.45	0.303	0.392	0.26	0.8	0.263	0.266	0.275	0.29	0.545	0.698	0.749
PCB 202	3	0	NA	1.21	0.694	1.09	0.71	2	0.73	0.75	0.81	0.91	1.46	1.78	1.89
PCB 203	3	0	NA	2.7	1.73	2.38	1.6	4.7	1.62	1.64	1.7	1.8	3.25	4.12	4.41
PCB 204	3	100	<0.003 to <0.012	0.00433	0.00247	0.00367	<0.003	<0.012	0.0019	0.0023	0.0035	0.0055	0.00575	0.0059	0.00595
PCB 205	3	0	NA	0.157	0.0987	0.139	0.09	0.27	0.092	0.094	0.1	0.11	0.19	0.238	0.254
PCB 206	3	0	NA	5.57	3.41	4.97	3.4	9.5	3.44	3.48	3.6	3.8	6.65	8.36	8.93
PCB 207	3	0	NA	0.453	0.309	0.394	0.26	0.81	0.263	0.266	0.275	0.29	0.55	0.706	0.758
PCB 208	3	0	NA	2.03	1.1	1.86	1.4	3.3	1.4	1.4	1.4	1.4	2.35	2.92	3.11
PCB 209	3	0	NA	5.2	3.12	4.62	2.7	8.7	2.85	3	3.45	4.2	6.45	7.8	8.25
Total PCBs - Homologs	3	0	NA	203	141	174	105	364	108	112	122	139	252	319	342
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	3	100	<0.000106 to <0.000121	0.0000569	0.00000388	0.0000568	<0.000106	<0.000121	0.0000533	0.0000537	0.0000552	0.0000575	0.000059	0.0000599	0.0000602
Total TCDD	3	0	NA	0.00217	0.00217	0.00157	0.000809	0.00467	0.00083	0.000851	0.000915	0.00102	0.00285	0.00394	0.00431
1,2,3,7,8-PeCDD	3	33.3	<0.000159	0.000179	0.000171	0.000134	0.0000808	0.000377	0.0000796	0.0000798	0.0000802	0.0000808	0.000229	0.000318	0.000347
Total PeCDD	3	33.3	<0.000159	0.00109	0.00172	0.00031	0.000122	0.00308	0.0000838	0.000088	0.000101	0.000122	0.0016	0.00249	0.00278
1,2,3,4,7,8-HxCDD	3	0	NA	0.000687	0.000609	0.000538	0.000325	0.00139	0.000327	0.000329	0.000335	0.000345	0.000868	0.00118	0.00129
1,2,3,6,7,8-HxCDD	3	0	NA	0.00115	0.00104	0.000889	0.000508	0.00235	0.000516	0.000524	0.000548	0.000588	0.00147	0.002	0.00217
1,2,3,7,8,9-HxCDD	3	0	NA	0.00235	0.00234	0.00172	0.000937	0.00505	0.00095	0.000964	0.001	0.00107	0.00306	0.00425	0.00465
Total HxCDD	3	0	NA	0.0212	0.0195	0.0162	0.00854	0.0436	0.00883	0.00911	0.00997	0.0114	0.0275	0.0372	0.0404
1,2,3,4,6,7,8-HpCDD	3	0	NA	0.0617	0.054	0.0487	0.0294	0.124	0.0296	0.0299	0.0306	0.0317	0.0779	0.106	0.115
Total HpCDD	3	0	NA	0.149	0.128	0.119	0.0696	0.297	0.0707	0.0718	0.0751	0.0806	0.189	0.254	0.275
Total OCDD	3	0	NA	1.47	1.05	1.25	0.743	2.67	0.768	0.793	0.868	0.992	1.83	2.33	2.5
2,3,7,8-TCDF	3	0	NA	0.0201	0.021	0.0141	0.00743	0.0443	0.00754	0.00765	0.00799	0.00854	0.0264	0.0371	0.0407
Total TCDF	3	0	NA	0.105	0.113	0.0723	0.0394	0.236	0.0395	0.0396	0.04	0.0406	0.138	0.197	0.216
1,2,3,7,8-PeCDF	3	0	NA	0.00304	0.00303	0.00221	0.0012	0.00654	0.00122	0.00124	0.00129	0.00138	0.00396	0.00551	0.00602

Table 18. Summary of sediment chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW; cont.)															
2,3,4,7,8-PeCDF	3	0	NA	0.0048	0.00485	0.00346	0.00193	0.0104	0.00194	0.00196	0.002	0.00207	0.00624	0.00873	0.00957
Total PeCDF	3	0	NA	0.0499	0.0529	0.0346	0.0186	0.111	0.0188	0.0189	0.0194	0.0201	0.0656	0.0928	0.102
1,2,3,4,7,8-HxCDF	3	0	NA	0.00416	0.00384	0.00319	0.0018	0.00859	0.00183	0.00186	0.00195	0.00209	0.00534	0.00729	0.00794
1,2,3,6,7,8-HxCDF	3	0	NA	0.00162	0.00161	0.00118	0.000666	0.00348	0.00067	0.000675	0.000688	0.000709	0.00209	0.00293	0.0032
1,2,3,7,8,9-HxCDF	3	33.3	<0.000146	0.000177	0.00017	0.000132	0.0000843	0.000373	0.0000741	0.0000753	0.0000787	0.0000843	0.000229	0.000315	0.000344
2,3,4,6,7,8-HxCDF	3	0	NA	0.000766	0.000713	0.000584	0.000343	0.00159	0.000345	0.000348	0.000355	0.000366	0.000978	0.00135	0.00147
Total HxCDF	3	0	NA	0.0179	0.0188	0.0126	0.00675	0.0396	0.00682	0.00689	0.00711	0.00747	0.0235	0.0332	0.0364
1,2,3,4,6,7,8-HpCDF	3	0	NA	0.00522	0.00475	0.00403	0.0024	0.0107	0.00242	0.00243	0.00248	0.00255	0.00663	0.00907	0.00989
1,2,3,4,7,8,9-HpCDF	3	0	NA	0.000799	0.000745	0.000609	0.000366	0.00166	0.000367	0.000367	0.000369	0.000372	0.00102	0.0014	0.00153
Total HpCDF	3	0	NA	0.0108	0.00981	0.00832	0.005	0.0221	0.00502	0.00504	0.00511	0.00521	0.0137	0.0187	0.0204
Total OCDF	3	0	NA	0.0088	0.00892	0.00634	0.00363	0.0191	0.00364	0.00364	0.00366	0.00368	0.0114	0.016	0.0176
Mean Quotients															
Mean PEC-Q_{METALS}	15	0	NA	0.0849	0.0426	0.074	0.0177	0.169	0.0327	0.0398	0.0583	0.0807	0.103	0.146	0.167

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

Table 19. Summary of sediment chemistry data collected in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	8	0	NA	7.53	5.04	5.83	1.7	14.2	2.09	2.47	3.4	6.85	12	12.9	13.5
Silt (%)	8	0	NA	19.9	13.9	15.4	4.8	36.9	5.26	5.71	9.1	15	35.2	36.7	36.8
Fines (silt+clay; %)	8	0	NA	27.4	18.3	21.5	7.6	51.1	7.67	7.74	12.4	22.8	45.7	49.6	50.3
Gravel (%)	8	0	NA	0	0	NA	0	0	0	0	0	0	0	0	0
Sand (%)	8	0	NA	72.6	18.3	70.4	49	92.4	49.7	50.5	54.3	77.3	87.6	92.3	92.3
Solids (%)	8	0	NA	78	3.4	77.9	71.3	81.3	72.7	74.2	76.4	79.1	80.4	81.1	81.2
Phosphorus (mg/kg)	8	0	NA	268	172	229	97.9	649	103	108	195	238	274	428	538
Total Organic Carbon (%)	8	0	NA	0.499	0.235	0.437	0.13	0.86	0.193	0.256	0.318	0.53	0.643	0.734	0.797
Metals (mg/kg DW)															
Aluminum	8	0	NA	4900	2950	4060	1400	9140	1610	1820	2400	4460	7160	8670	8910
Antimony	8	87.5	<0.1 to <0.25	0.0868	0.0393	0.0786	<0.1	<0.25	0.05	0.05	0.05	0.0845	0.125	0.125	0.125
Arsenic	8	0	NA	5.64	2.38	5.09	1.69	9.48	2.38	3.07	4.25	5.95	6.84	7.91	8.69
Barium	8	0	NA	40.8	21.2	35.6	12.6	72.6	16.9	21.2	26	37	54	68.2	70.4
Beryllium	8	25	<0.1	0.254	0.144	0.197	<0.1	0.406	0.05	0.05	0.161	0.286	0.369	0.397	0.401
Cadmium	8	87.5	<0.1 to <0.25	0.0903	0.0436	0.0807	<0.1	<0.25	0.05	0.05	0.05	0.0875	0.125	0.132	0.139
Calcium	8	0	NA	535	202	492	187	756	247	307	407	576	683	747	751
Chromium	8	0	NA	21.1	7.29	20.1	12.4	33.8	13	13.6	15.8	19.8	26.4	28.7	31.2
Cobalt	8	0	NA	4.7	2.7	3.67	0.88	8.25	0.933	0.985	3.29	4.82	6.71	7.54	7.89
Copper	8	0	NA	4	1.57	3.67	1.41	6.09	1.86	2.31	3.05	4.08	5.22	5.54	5.82
Iron	8	0	NA	12200	4280	11300	3880	18500	5990	8090	10800	12600	14600	16100	17300
Lead	8	0	NA	11.9	6.61	9.77	2.61	22.8	3	3.39	8.37	12.7	14.9	18.3	20.6
Magnesium	8	0	NA	252	130	217	71.5	409	93.4	115	140	249	367	405	407
Manganese	8	0	NA	383	235	319	97.6	821	125	153	244	323	509	645	733
Mercury	4	0	NA	0.0951	0.125	0.0557	0.0301	0.283	0.0305	0.0309	0.0321	0.0336	0.0966	0.208	0.246
Molybdenum	8	0	NA	0.521	0.332	0.443	0.197	1.24	0.204	0.21	0.281	0.527	0.569	0.791	1.02
Nickel	8	0	NA	3.28	1.57	2.89	1.02	5.24	1.3	1.59	2.03	3.28	4.72	4.94	5.09
Potassium	8	0	NA	156	80.9	135	50.5	276	57.9	65.2	92.9	155	214	247	261
Selenium	8	12.5	<0.1	0.295	0.189	0.229	<0.1	0.526	0.0763	0.103	0.156	0.273	0.448	0.525	0.526
Silver	8	100	<0.1 to <0.25	0.0781	0.0388	0.0705	<0.1	<0.25	0.05	0.05	0.05	0.05	0.125	0.125	0.125
Sodium	8	0	NA	15.9	4.84	15.2	9.12	23.9	10.3	11.4	13	14.5	19.6	21.2	22.6

Table 19. Summary of sediment chemistry data collected in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Metals (mg/kg DW; cont.)															
Thallium	8	87.5	<0.1 to <0.25	0.0871	0.0397	0.0788	<0.1	<0.25	0.05	0.05	0.05	0.086	0.125	0.125	0.125
Vanadium	8	0	NA	15.2	4.84	14.2	5.37	20.7	8.01	10.6	12.9	16.5	17.5	20.1	20.4
Zinc	8	0	NA	18.4	9.07	16.1	6.44	28.8	7.42	8.41	10.3	19.6	26.3	27.5	28.1
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	8	100	<1.24 to <2.88	1.06	0.35	1	<1.24	<2.88	0.631	0.641	0.661	1.26	1.29	1.35	1.39
Aroclor 1221	8	100	<1.24 to <3	1.1	0.378	1.03	<1.24	<3	0.631	0.641	0.661	1.32	1.35	1.41	1.45
Aroclor 1232	8	100	<1.24 to <3	1.1	0.378	1.03	<1.24	<3	0.631	0.641	0.661	1.32	1.35	1.41	1.45
Aroclor 1242	8	100	<1.24 to <3	1.1	0.378	1.03	<1.24	<3	0.631	0.641	0.661	1.32	1.35	1.41	1.45
Aroclor 1248	8	0	NA	8.79	5.02	7.88	5.04	20	5.16	5.27	5.62	7.09	9.28	14.1	17
Aroclor 1254	8	0	NA	11.8	7.83	10.2	5.54	29.1	5.61	5.69	6.75	9.08	14	19.6	24.3
Aroclor 1260	8	0	NA	8.71	8.99	6.67	3.87	30.6	3.97	4.07	4.25	5.45	7.67	15.1	22.9
Total PCBs - Aroclors	8	0	NA	33.7	21.7	29.9	20.6	85.6	20.9	21.2	22.3	25.3	33.9	50.3	68
PCB 001	1	0	NA	1.3	NA	1.3	1.3	1.3	NA	NA	NA	NA	NA	NA	NA
PCB 002	1	0	NA	0.064	NA	0.064	0.064	0.064	NA	NA	NA	NA	NA	NA	NA
PCB 003	1	0	NA	1	NA	1	1	1	NA	NA	NA	NA	NA	NA	NA
PCB 004	1	0	NA	1.6	NA	1.6	1.6	1.6	NA	NA	NA	NA	NA	NA	NA
PCB 005	1	0	NA	0.026	NA	0.026	0.026	0.026	NA	NA	NA	NA	NA	NA	NA
PCB 006	1	0	NA	0.4	NA	0.4	0.4	0.4	NA	NA	NA	NA	NA	NA	NA
PCB 007	1	0	NA	0.074	NA	0.074	0.074	0.074	NA	NA	NA	NA	NA	NA	NA
PCB 008	1	0	NA	1.4	NA	1.4	1.4	1.4	NA	NA	NA	NA	NA	NA	NA
PCB 009	1	0	NA	0.077	NA	0.077	0.077	0.077	NA	NA	NA	NA	NA	NA	NA
PCB 010	1	0	NA	0.083	NA	0.083	0.083	0.083	NA	NA	NA	NA	NA	NA	NA
PCB 011	1	0	NA	0.046	NA	0.046	0.046	0.046	NA	NA	NA	NA	NA	NA	NA
PCB 012 & 013	1	0	NA	0.2	NA	0.2	0.2	0.2	NA	NA	NA	NA	NA	NA	NA
PCB 014	1	100	<0.013	0.0065	NA	0.0065	<0.013	<0.013	NA	NA	NA	NA	NA	NA	NA
PCB 015	1	0	NA	2.2	NA	2.2	2.2	2.2	NA	NA	NA	NA	NA	NA	NA
PCB 016	1	0	NA	0.098	NA	0.098	0.098	0.098	NA	NA	NA	NA	NA	NA	NA
PCB 017	1	0	NA	0.41	NA	0.41	0.41	0.41	NA	NA	NA	NA	NA	NA	NA
PCB 018 & 030	1	0	NA	0.3	NA	0.3	0.3	0.3	NA	NA	NA	NA	NA	NA	NA

Table 19. Summary of sediment chemistry data collected in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 019	1	0	NA	0.31	NA	0.31	0.31	0.31	NA	NA	NA	NA	NA	NA	NA
PCB 020 & 028	1	0	NA	1.2	NA	1.2	1.2	1.2	NA	NA	NA	NA	NA	NA	NA
PCB 021 & 033	1	0	NA	0.18	NA	0.18	0.18	0.18	NA	NA	NA	NA	NA	NA	NA
PCB 022	1	0	NA	0.2	NA	0.2	0.2	0.2	NA	NA	NA	NA	NA	NA	NA
PCB 023	1	100	<0.011	0.0055	NA	0.0055	<0.011	<0.011	NA	NA	NA	NA	NA	NA	NA
PCB 024	1	100	<0.0013	0.00065	NA	0.00065	<0.0013	<0.0013	NA	NA	NA	NA	NA	NA	NA
PCB 025	1	0	NA	0.29	NA	0.29	0.29	0.29	NA	NA	NA	NA	NA	NA	NA
PCB 026 & 029	1	0	NA	0.37	NA	0.37	0.37	0.37	NA	NA	NA	NA	NA	NA	NA
PCB 027	1	0	NA	0.13	NA	0.13	0.13	0.13	NA	NA	NA	NA	NA	NA	NA
PCB 031	1	0	NA	0.73	NA	0.73	0.73	0.73	NA	NA	NA	NA	NA	NA	NA
PCB 032	1	0	NA	0.21	NA	0.21	0.21	0.21	NA	NA	NA	NA	NA	NA	NA
PCB 034	1	100	<0.012	0.006	NA	0.006	<0.012	<0.012	NA	NA	NA	NA	NA	NA	NA
PCB 035	1	0	NA	0.015	NA	0.015	0.015	0.015	NA	NA	NA	NA	NA	NA	NA
PCB 036	1	0	NA	0.024	NA	0.024	0.024	0.024	NA	NA	NA	NA	NA	NA	NA
PCB 037	1	0	NA	0.63	NA	0.63	0.63	0.63	NA	NA	NA	NA	NA	NA	NA
PCB 038	1	100	<0.013	0.0065	NA	0.0065	<0.013	<0.013	NA	NA	NA	NA	NA	NA	NA
PCB 039	1	100	<0.012	0.006	NA	0.006	<0.012	<0.012	NA	NA	NA	NA	NA	NA	NA
PCB 040 & 071	1	0	NA	0.27	NA	0.27	0.27	0.27	NA	NA	NA	NA	NA	NA	NA
PCB 041	1	0	NA	0.012	NA	0.012	0.012	0.012	NA	NA	NA	NA	NA	NA	NA
PCB 042	1	0	NA	0.2	NA	0.2	0.2	0.2	NA	NA	NA	NA	NA	NA	NA
PCB 043	1	0	NA	0.014	NA	0.014	0.014	0.014	NA	NA	NA	NA	NA	NA	NA
PCB 044 & 047 & 065	1	0	NA	1.1	NA	1.1	1.1	1.1	NA	NA	NA	NA	NA	NA	NA
PCB 045	1	0	NA	0.027	NA	0.027	0.027	0.027	NA	NA	NA	NA	NA	NA	NA
PCB 046	1	0	NA	0.02	NA	0.02	0.02	0.02	NA	NA	NA	NA	NA	NA	NA
PCB 048	1	0	NA	0.045	NA	0.045	0.045	0.045	NA	NA	NA	NA	NA	NA	NA
PCB 049 & 069	1	0	NA	0.9	NA	0.9	0.9	0.9	NA	NA	NA	NA	NA	NA	NA
PCB 050 & 053	1	0	NA	0.16	NA	0.16	0.16	0.16	NA	NA	NA	NA	NA	NA	NA
PCB 051	1	0	NA	0.11	NA	0.11	0.11	0.11	NA	NA	NA	NA	NA	NA	NA
PCB 052	1	0	NA	1.3	NA	1.3	1.3	1.3	NA	NA	NA	NA	NA	NA	NA
PCB 054	1	0	NA	0.038	NA	0.038	0.038	0.038	NA	NA	NA	NA	NA	NA	NA
PCB 055	1	100	<0.0064	0.0032	NA	0.0032	<0.0064	<0.0064	NA	NA	NA	NA	NA	NA	NA

Table 19. Summary of sediment chemistry data collected in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 056	1	0	NA	0.39	NA	0.39	0.39	0.39	NA	NA	NA	NA	NA	NA	NA
PCB 057	1	0	NA	0.0067	NA	0.0067	0.0067	0.0067	NA	NA	NA	NA	NA	NA	NA
PCB 058	1	100	<0.0063	0.00315	NA	0.00315	<0.0063	<0.0063	NA	NA	NA	NA	NA	NA	NA
PCB 059 & 062 & 075	1	0	NA	0.08	NA	0.08	0.08	0.08	NA	NA	NA	NA	NA	NA	NA
PCB 060	1	0	NA	0.14	NA	0.14	0.14	0.14	NA	NA	NA	NA	NA	NA	NA
PCB 061 & 070 & 074 & 076	1	0	NA	1.4	NA	1.4	1.4	1.4	NA	NA	NA	NA	NA	NA	NA
PCB 063	1	0	NA	0.051	NA	0.051	0.051	0.051	NA	NA	NA	NA	NA	NA	NA
PCB 064	1	0	NA	0.31	NA	0.31	0.31	0.31	NA	NA	NA	NA	NA	NA	NA
PCB 066	1	0	NA	1.7	NA	1.7	1.7	1.7	NA	NA	NA	NA	NA	NA	NA
PCB 067	1	0	NA	0.02	NA	0.02	0.02	0.02	NA	NA	NA	NA	NA	NA	NA
PCB 068	1	0	NA	0.032	NA	0.032	0.032	0.032	NA	NA	NA	NA	NA	NA	NA
PCB 072	1	0	NA	0.032	NA	0.032	0.032	0.032	NA	NA	NA	NA	NA	NA	NA
PCB 073	1	0	NA	0.016	NA	0.016	0.016	0.016	NA	NA	NA	NA	NA	NA	NA
PCB 077	1	0	NA	0.27	NA	0.27	0.27	0.27	NA	NA	NA	NA	NA	NA	NA
PCB 078	1	100	<0.0071	0.00355	NA	0.00355	<0.0071	<0.0071	NA	NA	NA	NA	NA	NA	NA
PCB 079	1	0	NA	0.024	NA	0.024	0.024	0.024	NA	NA	NA	NA	NA	NA	NA
PCB 080	1	100	<0.0059	0.00295	NA	0.00295	<0.0059	<0.0059	NA	NA	NA	NA	NA	NA	NA
PCB 081	1	100	<0.0069	0.00345	NA	0.00345	<0.0069	<0.0069	NA	NA	NA	NA	NA	NA	NA
PCB 082	1	0	NA	0.14	NA	0.14	0.14	0.14	NA	NA	NA	NA	NA	NA	NA
PCB 083	1	0	NA	0.052	NA	0.052	0.052	0.052	NA	NA	NA	NA	NA	NA	NA
PCB 084	1	0	NA	0.2	NA	0.2	0.2	0.2	NA	NA	NA	NA	NA	NA	NA
PCB 085 & 116 & 117	1	0	NA	0.29	NA	0.29	0.29	0.29	NA	NA	NA	NA	NA	NA	NA
PCB 086 & 087 & 097 & 108 & 119 & 125	1	0	NA	0.87	NA	0.87	0.87	0.87	NA	NA	NA	NA	NA	NA	NA
PCB 088 & 091	1	0	NA	0.29	NA	0.29	0.29	0.29	NA	NA	NA	NA	NA	NA	NA
PCB 089	1	100	<0.031	0.0155	NA	0.0155	<0.031	<0.031	NA	NA	NA	NA	NA	NA	NA
PCB 090 & 101 & 113	1	0	NA	1.6	NA	1.6	1.6	1.6	NA	NA	NA	NA	NA	NA	NA
PCB 092	1	0	NA	0.37	NA	0.37	0.37	0.37	NA	NA	NA	NA	NA	NA	NA
PCB 093 & 100	1	0	NA	0.066	NA	0.066	0.066	0.066	NA	NA	NA	NA	NA	NA	NA
PCB 094	1	100	<0.029	0.0145	NA	0.0145	<0.029	<0.029	NA	NA	NA	NA	NA	NA	NA

Table 19. Summary of sediment chemistry data collected in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 095	1	0	NA	0.52	NA	0.52	0.52	0.52	NA	NA	NA	NA	NA	NA	NA
PCB 096	1	0	NA	0.015	NA	0.015	0.015	0.015	NA	NA	NA	NA	NA	NA	NA
PCB 098 & 102	1	0	NA	0.039	NA	0.039	0.039	0.039	NA	NA	NA	NA	NA	NA	NA
PCB 099	1	0	NA	1.1	NA	1.1	1.1	1.1	NA	NA	NA	NA	NA	NA	NA
PCB 103	1	0	NA	0.035	NA	0.035	0.035	0.035	NA	NA	NA	NA	NA	NA	NA
PCB 104	1	0	NA	0.011	NA	0.011	0.011	0.011	NA	NA	NA	NA	NA	NA	NA
PCB 105	1	0	NA	0.8	NA	0.8	0.8	0.8	NA	NA	NA	NA	NA	NA	NA
PCB 106	1	100	<0.025	0.0125	NA	0.0125	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA
PCB 107 & 124	1	0	NA	0.051	NA	0.051	0.051	0.051	NA	NA	NA	NA	NA	NA	NA
PCB 109	1	0	NA	0.17	NA	0.17	0.17	0.17	NA	NA	NA	NA	NA	NA	NA
PCB 110 & 115	1	0	NA	2	NA	2	2	2	NA	NA	NA	NA	NA	NA	NA
PCB 111	1	100	<0.02	0.01	NA	0.01	<0.02	<0.02	NA	NA	NA	NA	NA	NA	NA
PCB 112	1	100	<0.019	0.0095	NA	0.0095	<0.019	<0.019	NA	NA	NA	NA	NA	NA	NA
PCB 114	1	0	NA	0.032	NA	0.032	0.032	0.032	NA	NA	NA	NA	NA	NA	NA
PCB 118	1	0	NA	2	NA	2	2	2	NA	NA	NA	NA	NA	NA	NA
PCB 120	1	100	<0.021	0.0105	NA	0.0105	<0.021	<0.021	NA	NA	NA	NA	NA	NA	NA
PCB 121	1	100	<0.02	0.01	NA	0.01	<0.02	<0.02	NA	NA	NA	NA	NA	NA	NA
PCB 122	1	0	NA	0.031	NA	0.031	0.031	0.031	NA	NA	NA	NA	NA	NA	NA
PCB 123	1	0	NA	0.032	NA	0.032	0.032	0.032	NA	NA	NA	NA	NA	NA	NA
PCB 126	1	0	NA	0.027	NA	0.027	0.027	0.027	NA	NA	NA	NA	NA	NA	NA
PCB 127	1	100	<0.025	0.0125	NA	0.0125	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA
PCB 128 & 166	1	0	NA	0.38	NA	0.38	0.38	0.38	NA	NA	NA	NA	NA	NA	NA
PCB 129 & 138 & 163	1	0	NA	2.8	NA	2.8	2.8	2.8	NA	NA	NA	NA	NA	NA	NA
PCB 130	1	0	NA	0.16	NA	0.16	0.16	0.16	NA	NA	NA	NA	NA	NA	NA
PCB 131	1	100	<0.018	0.009	NA	0.009	<0.018	<0.018	NA	NA	NA	NA	NA	NA	NA
PCB 132	1	0	NA	0.54	NA	0.54	0.54	0.54	NA	NA	NA	NA	NA	NA	NA
PCB 133	1	0	NA	0.085	NA	0.085	0.085	0.085	NA	NA	NA	NA	NA	NA	NA
PCB 134 & 143	1	0	NA	0.091	NA	0.091	0.091	0.091	NA	NA	NA	NA	NA	NA	NA
PCB 135 & 151	1	0	NA	0.83	NA	0.83	0.83	0.83	NA	NA	NA	NA	NA	NA	NA
PCB 136	1	0	NA	0.2	NA	0.2	0.2	0.2	NA	NA	NA	NA	NA	NA	NA
PCB 137	1	0	NA	0.061	NA	0.061	0.061	0.061	NA	NA	NA	NA	NA	NA	NA

Table 19. Summary of sediment chemistry data collected in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 139 & 140	1	0	NA	0.027	NA	0.027	0.027	0.027	NA	NA	NA	NA	NA	NA	NA
PCB 141	1	0	NA	0.3	NA	0.3	0.3	0.3	NA	NA	NA	NA	NA	NA	NA
PCB 142	1	100	<0.016	0.008	NA	0.008	<0.016	<0.016	NA	NA	NA	NA	NA	NA	NA
PCB 144	1	0	NA	0.057	NA	0.057	0.057	0.057	NA	NA	NA	NA	NA	NA	NA
PCB 145	1	100	<0.011	0.0055	NA	0.0055	<0.011	<0.011	NA	NA	NA	NA	NA	NA	NA
PCB 146	1	0	NA	0.52	NA	0.52	0.52	0.52	NA	NA	NA	NA	NA	NA	NA
PCB 147 & 149	1	0	NA	1.9	NA	1.9	1.9	1.9	NA	NA	NA	NA	NA	NA	NA
PCB 148	1	0	NA	0.02	NA	0.02	0.02	0.02	NA	NA	NA	NA	NA	NA	NA
PCB 150	1	0	NA	0.011	NA	0.011	0.011	0.011	NA	NA	NA	NA	NA	NA	NA
PCB 152	1	100	<0.01	0.005	NA	0.005	<0.01	<0.01	NA	NA	NA	NA	NA	NA	NA
PCB 153 & 168	1	0	NA	2.3	NA	2.3	2.3	2.3	NA	NA	NA	NA	NA	NA	NA
PCB 154	1	0	NA	0.098	NA	0.098	0.098	0.098	NA	NA	NA	NA	NA	NA	NA
PCB 155	1	100	<0.014	0.007	NA	0.007	<0.014	<0.014	NA	NA	NA	NA	NA	NA	NA
PCB 156 & 157	1	0	NA	0.32	NA	0.32	0.32	0.32	NA	NA	NA	NA	NA	NA	NA
PCB 158	1	0	NA	0.19	NA	0.19	0.19	0.19	NA	NA	NA	NA	NA	NA	NA
PCB 159	1	0	NA	0.0046	NA	0.0046	0.0046	0.0046	NA	NA	NA	NA	NA	NA	NA
PCB 160	1	100	<0.013	0.0065	NA	0.0065	<0.013	<0.013	NA	NA	NA	NA	NA	NA	NA
PCB 161	1	100	<0.011	0.0055	NA	0.0055	<0.011	<0.011	NA	NA	NA	NA	NA	NA	NA
PCB 162	1	0	NA	0.0057	NA	0.0057	0.0057	0.0057	NA	NA	NA	NA	NA	NA	NA
PCB 164	1	0	NA	0.16	NA	0.16	0.16	0.16	NA	NA	NA	NA	NA	NA	NA
PCB 165	1	0	NA	0.014	NA	0.014	0.014	0.014	NA	NA	NA	NA	NA	NA	NA
PCB 167	1	0	NA	0.1	NA	0.1	0.1	0.1	NA	NA	NA	NA	NA	NA	NA
PCB 169	1	100	<0.0032	0.0016	NA	0.0016	<0.0032	<0.0032	NA	NA	NA	NA	NA	NA	NA
PCB 170	1	0	NA	0.89	NA	0.89	0.89	0.89	NA	NA	NA	NA	NA	NA	NA
PCB 171 & 173	1	0	NA	0.28	NA	0.28	0.28	0.28	NA	NA	NA	NA	NA	NA	NA
PCB 172	1	0	NA	0.19	NA	0.19	0.19	0.19	NA	NA	NA	NA	NA	NA	NA
PCB 174	1	0	NA	0.99	NA	0.99	0.99	0.99	NA	NA	NA	NA	NA	NA	NA
PCB 175	1	0	NA	0.036	NA	0.036	0.036	0.036	NA	NA	NA	NA	NA	NA	NA
PCB 176	1	0	NA	0.092	NA	0.092	0.092	0.092	NA	NA	NA	NA	NA	NA	NA
PCB 177	1	0	NA	0.74	NA	0.74	0.74	0.74	NA	NA	NA	NA	NA	NA	NA
PCB 178	1	0	NA	0.36	NA	0.36	0.36	0.36	NA	NA	NA	NA	NA	NA	NA

Table 19. Summary of sediment chemistry data collected in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 179	1	0	NA	0.45	NA	0.45	0.45	0.45	NA	NA	NA	NA	NA	NA	NA
PCB 180 & 193	1	0	NA	1.8	NA	1.8	1.8	1.8	NA	NA	NA	NA	NA	NA	NA
PCB 181	1	0	NA	0.0073	NA	0.0073	0.0073	0.0073	NA	NA	NA	NA	NA	NA	NA
PCB 182	1	0	NA	0.011	NA	0.011	0.011	0.011	NA	NA	NA	NA	NA	NA	NA
PCB 183	1	0	NA	0.47	NA	0.47	0.47	0.47	NA	NA	NA	NA	NA	NA	NA
PCB 184	1	100	<0.0012	0.0006	NA	0.0006	<0.0012	<0.0012	NA	NA	NA	NA	NA	NA	NA
PCB 185	1	0	NA	0.12	NA	0.12	0.12	0.12	NA	NA	NA	NA	NA	NA	NA
PCB 186	1	100	<0.0011	0.00055	NA	0.00055	<0.0011	<0.0011	NA	NA	NA	NA	NA	NA	NA
PCB 187	1	0	NA	1.8	NA	1.8	1.8	1.8	NA	NA	NA	NA	NA	NA	NA
PCB 188	1	0	NA	0.0079	NA	0.0079	0.0079	0.0079	NA	NA	NA	NA	NA	NA	NA
PCB 189	1	0	NA	0.037	NA	0.037	0.037	0.037	NA	NA	NA	NA	NA	NA	NA
PCB 190	1	0	NA	0.25	NA	0.25	0.25	0.25	NA	NA	NA	NA	NA	NA	NA
PCB 191	1	0	NA	0.035	NA	0.035	0.035	0.035	NA	NA	NA	NA	NA	NA	NA
PCB 192	1	100	<0.002	0.001	NA	0.001	<0.002	<0.002	NA	NA	NA	NA	NA	NA	NA
PCB 194	1	0	NA	0.6	NA	0.6	0.6	0.6	NA	NA	NA	NA	NA	NA	NA
PCB 195	1	0	NA	0.21	NA	0.21	0.21	0.21	NA	NA	NA	NA	NA	NA	NA
PCB 196	1	0	NA	0.31	NA	0.31	0.31	0.31	NA	NA	NA	NA	NA	NA	NA
PCB 197	1	0	NA	0.017	NA	0.017	0.017	0.017	NA	NA	NA	NA	NA	NA	NA
PCB 198 & 199	1	0	NA	1.1	NA	1.1	1.1	1.1	NA	NA	NA	NA	NA	NA	NA
PCB 200	1	0	NA	0.091	NA	0.091	0.091	0.091	NA	NA	NA	NA	NA	NA	NA
PCB 201	1	0	NA	0.1	NA	0.1	0.1	0.1	NA	NA	NA	NA	NA	NA	NA
PCB 202	1	0	NA	0.28	NA	0.28	0.28	0.28	NA	NA	NA	NA	NA	NA	NA
PCB 203	1	0	NA	0.65	NA	0.65	0.65	0.65	NA	NA	NA	NA	NA	NA	NA
PCB 204	1	100	<0.0017	0.00085	NA	0.00085	<0.0017	<0.0017	NA	NA	NA	NA	NA	NA	NA
PCB 205	1	0	NA	0.034	NA	0.034	0.034	0.034	NA	NA	NA	NA	NA	NA	NA
PCB 206	1	0	NA	1.1	NA	1.1	1.1	1.1	NA	NA	NA	NA	NA	NA	NA
PCB 207	1	0	NA	0.095	NA	0.095	0.095	0.095	NA	NA	NA	NA	NA	NA	NA
PCB 208	1	0	NA	0.37	NA	0.37	0.37	0.37	NA	NA	NA	NA	NA	NA	NA
PCB 209	1	0	NA	1.3	NA	1.3	1.3	1.3	NA	NA	NA	NA	NA	NA	NA
Total PCBs - Homologs	1	0	NA	42	NA	42	42	42	NA	NA	NA	NA	NA	NA	NA

Table 19. Summary of sediment chemistry data collected in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	1	100	<0.000158	0.000079	NA	0.000079	<0.000158	<0.000158	NA	NA	NA	NA	NA	NA	NA
Total TCDD	1	0	NA	0.00049	NA	0.00049	0.00049	0.00049	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	1	100	<0.000128	0.000064	NA	0.000064	<0.000128	<0.000128	NA	NA	NA	NA	NA	NA	NA
Total PeCDD	1	100	<0.000128	0.000064	NA	0.000064	<0.000128	<0.000128	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	1	0	NA	0.000251	NA	0.000251	0.000251	0.000251	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	1	0	NA	0.000362	NA	0.000362	0.000362	0.000362	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	1	0	NA	0.000872	NA	0.000872	0.000872	0.000872	NA	NA	NA	NA	NA	NA	NA
Total HxCDD	1	0	NA	0.00474	NA	0.00474	0.00474	0.00474	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	1	0	NA	0.0385	NA	0.0385	0.0385	0.0385	NA	NA	NA	NA	NA	NA	NA
Total HpCDD	1	0	NA	0.0759	NA	0.0759	0.0759	0.0759	NA	NA	NA	NA	NA	NA	NA
Total OCDD	1	0	NA	1.93	NA	1.93	1.93	1.93	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDF	1	0	NA	0.00188	NA	0.00188	0.00188	0.00188	NA	NA	NA	NA	NA	NA	NA
Total TCDF	1	0	NA	0.00714	NA	0.00714	0.00714	0.00714	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	1	0	NA	0.000272	NA	0.000272	0.000272	0.000272	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	1	0	NA	0.000504	NA	0.000504	0.000504	0.000504	NA	NA	NA	NA	NA	NA	NA
Total PeCDF	1	0	NA	0.00275	NA	0.00275	0.00275	0.00275	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	1	0	NA	0.000541	NA	0.000541	0.000541	0.000541	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	1	0	NA	0.000172	NA	0.000172	0.000172	0.000172	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	1	100	<0.000133	0.0000665	NA	0.0000665	<0.000133	<0.000133	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	1	100	<0.000121	0.0000605	NA	0.0000605	<0.000121	<0.000121	NA	NA	NA	NA	NA	NA	NA
Total HxCDF	1	0	NA	0.00153	NA	0.00153	0.00153	0.00153	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	1	100	<0.000898	0.000449	NA	0.000449	<0.000898	<0.000898	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	1	0	NA	0.000157	NA	0.000157	0.000157	0.000157	NA	NA	NA	NA	NA	NA	NA
Total HpCDF	1	0	NA	0.00108	NA	0.00108	0.00108	0.00108	NA	NA	NA	NA	NA	NA	NA
Total OCDF	1	0	NA	0.00167	NA	0.00167	0.00167	0.00167	NA	NA	NA	NA	NA	NA	NA
Mean Quotients															
Mean PEC-Q_{METALS}	8	0	NA	0.0867	0.0291	0.0811	0.034	0.126	0.0412	0.0484	0.0816	0.0931	0.0984	0.112	0.119

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 20. Summary of sediment chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	53	0	NA	4.96	3.78	3.44	0.2	13.9	0.7	0.78	2.2	3.9	7.8	10.3	11.8
Silt (%)	53	0	NA	26.6	24.2	NA	0	84.6	1.4	3.24	5.6	17.4	46.4	55.7	76.2
Fines (silt+clay; %)	53	0	NA	31.5	27.4	19.4	2.8	94.7	3.1	4.16	7.8	19.7	54.9	65.4	87.1
Gravel (%)	53	0	NA	0.0226	0.0824	NA	0	0.4	0	0	0	0	0	0	0.14
Sand (%)	53	0	NA	68.4	27.4	58.9	5.3	97.2	12.9	34.6	45.1	80.3	92.2	95.8	96.9
Solids (%)	53	0	NA	69.5	12.9	68.1	36.8	85	44.6	48.1	64.5	73.1	80.1	83.8	84
Phosphorus (mg/kg)	53	0	NA	315	197	264	60.3	972	100	130	173	247	403	549	703
Total Organic Carbon (%)	53	0	NA	0.945	0.856	0.59	0.048	3.6	0.116	0.134	0.3	0.59	1.5	1.98	2.6
Metals (mg/kg DW)															
Aluminum	53	0	NA	4680	3420	3720	913	15800	1520	1710	2200	3520	6220	8900	11800
Antimony	53	92.5	<0.1 to <0.25	0.0749	0.0407	0.0668	<0.1	<0.25	0.05	0.05	0.05	0.05	0.125	0.125	0.125
Arsenic	53	0	NA	2.34	1.39	2.01	0.565	7.3	0.808	1.14	1.38	2.02	2.69	4.15	5.09
Barium	53	0	NA	51.7	35	41.7	9.75	148	13.7	21.3	26.5	39.7	69.2	111	121
Beryllium	53	7.55	<0.25	0.403	0.223	0.346	0.132	1.1	0.125	0.161	0.248	0.339	0.568	0.714	0.759
Cadmium	53	50.9	<0.1 to <0.25	0.163	0.121	0.125	<0.1	0.459	0.05	0.05	0.05	0.125	0.205	0.362	0.392
Calcium	53	0	NA	1160	695	930	186	2470	313	362	487	1020	1670	2180	2330
Chromium	53	0	NA	11	4.95	9.82	1.66	28.8	4.16	5.91	8.27	10.3	13.1	16.6	18.3
Cobalt	53	0	NA	5.72	3.09	4.96	0.873	14.5	2.39	2.59	3.27	5.3	7.4	9.39	11.7
Copper	53	0	NA	10.2	8.67	7.42	1.18	40.6	2.01	2.84	4.38	6.99	14.1	19.5	26.7
Iron	53	0	NA	10600	5460	9350	1920	25600	4520	5410	6560	8970	14400	17100	21500
Lead	53	0	NA	14.9	9.02	12.4	2.6	42.2	4.27	5.51	7.44	12.2	20	29	31.1
Magnesium	53	0	NA	794	411	687	182	1700	262	340	479	670	1180	1370	1440
Manganese	53	0	NA	381	275	308	71.5	1720	113	122	182	335	510	621	787
Mercury	23	0	NA	0.553	0.273	0.485	0.127	1.12	0.225	0.25	0.344	0.55	0.744	0.957	0.987
Molybdenum	53	15.1	<0.1 to <0.25	0.22	0.0943	0.2	<0.1	0.499	0.117	0.125	0.136	0.228	0.259	0.355	0.372
Nickel	53	0	NA	5.6	3.12	4.78	0.872	15.6	2.03	2.19	3.37	4.76	7.42	9.47	11.2
Potassium	53	0	NA	369	258	300	68.4	1170	129	147	191	273	461	688	898
Selenium	53	20.8	<0.1 to <0.25	0.276	0.208	0.206	<0.1	0.869	0.05	0.0608	0.12	0.162	0.419	0.569	0.623
Silver	53	86.8	<0.1 to <0.25	0.0858	0.0583	0.0729	<0.1	0.319	0.05	0.05	0.05	0.05	0.125	0.125	0.191
Sodium	53	1.89	<1	21	10.8	17.8	<1	49.3	8.15	9.4	13.7	20.3	26.9	37.4	42
Thallium	53	73.6	<0.1 to <0.25	0.0942	0.0574	0.0807	<0.1	0.282	0.05	0.05	0.05	0.05	0.125	0.148	0.213
Vanadium	53	0	NA	8.41	5.05	7.09	1.39	25.5	2.94	3.74	4.45	6.89	11.2	13.5	17.5
Zinc	53	0	NA	45.1	27.6	38.2	9.45	139	16.4	19.4	24.9	34.6	59.8	80.6	91.6
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	53	100	<1.3 to <5.55	1.35	0.478	1.27	<1.3	<5.55	0.673	0.724	1.19	1.28	1.54	2.01	2.28
Aroclor 1221	53	100	<1.3 to <5.79	1.4	0.508	1.31	<1.3	<5.79	0.673	0.724	1.24	1.33	1.61	2.1	2.38
Aroclor 1232	53	100	<1.3 to <5.79	1.4	0.508	1.31	<1.3	<5.79	0.673	0.724	1.24	1.33	1.61	2.1	2.38

Table 20. Summary of sediment chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
Aroclor 1242	53	100	<1.3 to <5.79	1.4	0.508	1.31	<1.3	<5.79	0.673	0.724	1.24	1.33	1.61	2.1	2.38
Aroclor 1248	53	5.66	<1.35 to <2.98	241	300	98.9	<1.35	1710	2.29	15.3	39.6	131	311	647	724
Aroclor 1254	53	3.77	<2.5 to <2.98	310	363	130	2.14	1680	3.54	22	55.4	162	355	925	1010
Aroclor 1260	53	5.66	<1.35 to <2.95	225	271	92.6	<1.35	1220	2.76	15	44.2	105	284	586	791
Total PCBs - Aroclors	53	3.77	<17.38 to <20.71	781	918	349	6.19	4620	13.9	57.4	151	424	963	2140	2360
PCB 001	12	0	NA	45.2	62.2	18.4	2.8	205	3.02	3.21	5.84	23.6	46.2	124	165
PCB 002	12	0	NA	1.85	2.64	0.893	0.16	9.6	0.181	0.201	0.333	0.819	2.06	3.07	6.04
PCB 003	12	0	NA	22.9	27.1	11.9	2.3	88.7	2.52	2.79	4.36	10.7	28.7	59.1	74.2
PCB 004	12	0	NA	60.7	90.2	19	1.9	251	2.23	2.61	4.95	21.5	60.4	226	247
PCB 005	12	50	<0.005 to <0.38	0.504	1.25	0.0972	<0.005	4.43	0.00308	0.009	0.0745	0.115	0.2	0.572	2.33
PCB 006	12	0	NA	16.3	31.8	5.32	0.83	112	0.87	0.962	2.24	4.4	9.38	35.2	71.4
PCB 007	12	0	NA	2.68	4.99	0.903	0.15	17.4	0.151	0.164	0.3	0.77	1.73	6.4	11.6
PCB 008	12	0	NA	45.4	75.2	17.3	2.9	256	3.41	3.89	6.5	15.6	33.9	122	188
PCB 009	12	0	NA	2.69	6.25	0.755	0.115	22.3	0.129	0.152	0.335	0.585	1.34	3.44	12.1
PCB 010	12	0	NA	3.09	3.98	1.04	0.12	11.5	0.131	0.147	0.222	1.19	4.27	9.57	10.7
PCB 011	12	8.33	<0.73	0.841	1.23	0.407	0.098	4.35	0.104	0.115	0.163	0.373	0.795	1.75	2.94
PCB 012 & 013	12	0	NA	5.6	8.14	2.78	0.59	29.2	0.682	0.779	1.15	2.49	5.31	11.4	19.7
PCB 014	12	100	<0.0034 to <0.31	0.0539	0.0447	0.03	<0.0034	<0.31	0.00203	0.00387	0.0184	0.06	0.0713	0.093	0.122
PCB 015	12	0	NA	60.8	73.6	32	6.9	246	7.59	8.34	10.8	34.6	66.8	155	201
PCB 016	12	0	NA	7.88	17.6	1.76	0.21	61.3	0.311	0.395	0.635	1.24	3.16	17.3	37.9
PCB 017	12	0	NA	28.9	43.9	8.77	0.71	133	0.925	1.19	2.6	10.5	25.7	98.4	118
PCB 018 & 030	12	0	NA	23.7	44.1	6.37	0.58	147	0.921	1.24	2.21	5.75	13.9	69.9	108
PCB 019	12	0	NA	18.8	24	6.14	0.55	79.1	0.594	0.659	1.36	9.32	25.9	44.7	61.1
PCB 020 & 028	12	0	NA	51	68.9	22.2	3.5	237	4.18	4.89	6.58	24.4	64	119	175
PCB 021 & 033	12	0	NA	9.29	16.8	3.52	0.652	60.8	0.678	0.727	1.07	3.79	7.74	13.5	34.8
PCB 022	12	0	NA	11.1	20.2	3.9	0.58	72	0.747	0.896	1.29	3.7	9.31	21.7	45.1
PCB 023	12	83.3	<0.000895 to <0.66	0.0568	0.0905	0.0214	<0.000895	<0.66	0.00137	0.00322	0.0183	0.0223	0.0555	0.0927	0.201
PCB 024	12	25	<0.00064 to <0.017	0.173	0.352	0.0247	<0.00064	1.23	0.000557	0.00127	0.00785	0.0225	0.124	0.361	0.761
PCB 025	12	0	NA	14.7	20.2	6.07	0.74	61.5	1.05	1.34	1.99	6.68	16.2	46.9	55.3
PCB 026 & 029	12	0	NA	19.6	28.6	7.82	0.92	91.3	1.35	1.76	2.75	8.1	18.7	60	76.5
PCB 027	12	0	NA	7.7	10.1	2.7	0.23	33.9	0.269	0.321	0.788	4.04	9.27	18.6	26
PCB 031	12	0	NA	35.2	53.7	14	2	187	2.77	3.42	4.28	14.7	36	82.2	132
PCB 032	12	0	NA	16.9	22.7	5.46	0.37	65.8	0.458	0.587	1.33	7.16	20.4	55.1	62
PCB 034	12	41.7	<0.027 to <0.69	0.561	0.738	0.17	<0.027	2.12	0.0176	0.021	0.0465	0.205	0.709	1.73	1.94
PCB 035	12	0	NA	0.508	0.601	0.253	0.053	2.01	0.06	0.0661	0.0731	0.284	0.644	1.15	1.55
PCB 036	12	58.3	<0.00073 to <0.061	0.239	0.652	0.0279	<0.00073	2.3	0.000386	0.00226	0.0213	0.028	0.0845	0.207	1.16
PCB 037	12	0	NA	16.3	15.6	9.2	2.2	51	2.24	2.29	2.45	12.9	26.1	32.3	40.9
PCB 038	12	91.7	<0.006 to <0.75	0.0655	0.101	0.0306	0.00303	<0.75	0.00301	0.00417	0.0209	0.0393	0.06	0.096	0.224

Table 20. Summary of sediment chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 039	12	41.7	<0.027 to <0.7	0.218	0.23	0.102	<0.027	<0.7	0.0179	0.0215	0.0325	0.141	0.34	0.522	0.612
PCB 040 & 041 & 071	7	0	NA	35.6	27.8	22.6	3.18	83.9	3.8	4.43	15.8	38.9	45.9	62.7	73.3
PCB 040 & 071	5	0	NA	6.87	11.8	2.55	0.77	28	0.856	0.942	1.2	1.4	3	18	23
PCB 041	5	0	NA	0.349	0.588	0.142	0.046	1.4	0.0514	0.0568	0.073	0.095	0.13	0.892	1.15
PCB 042	12	0	NA	16.2	17.8	6.41	0.55	57.6	0.737	0.895	1.86	10.7	26.3	31.9	43.6
PCB 043	12	25	<0.00045 to <0.024	0.926	1.27	0.103	<0.00045	3.39	0.000382	0.00166	0.042	0.123	1.42	3.14	3.35
PCB 044 & 047 & 065	12	0	NA	75.1	81.3	30	2.9	257	3.51	4.01	9.28	52.5	126	153	201
PCB 045	5	0	NA	0.852	1.54	0.284	0.081	3.6	0.0948	0.109	0.15	0.15	0.28	2.27	2.94
PCB 045 & 051	7	0	NA	24.1	18.9	15	2.46	57.3	2.52	2.58	11.3	25.4	30.3	42.3	49.8
PCB 046	12	0	NA	2.44	3.24	0.734	0.049	10.7	0.0622	0.0767	0.148	1.2	3.51	5.91	8.2
PCB 048	12	0	NA	2.83	3.16	1.17	0.14	9.82	0.184	0.224	0.3	1.43	4.57	6.25	7.91
PCB 049 & 069	12	0	NA	56.3	61.1	23.5	2.3	195	2.96	3.52	7.42	39	89.1	119	155
PCB 050 & 053	12	0	NA	14.9	17.6	5.17	0.39	58.6	0.451	0.524	1.09	9.97	24	27.9	41.9
PCB 051	5	0	NA	2.19	4.04	0.683	0.23	9.4	0.234	0.238	0.25	0.5	0.55	5.86	7.63
PCB 052	12	0	NA	72.7	76.9	32.6	3.4	253	4.56	5.56	10.3	52.1	118	125	183
PCB 054	12	0	NA	3.22	3.66	1.03	0.079	11.6	0.0812	0.0844	0.189	2.06	5.55	6.5	8.82
PCB 055	12	100	<0.00052 to <0.37	0.0363	0.0498	0.0138	<0.00052	<0.37	0.000349	0.00138	0.01	0.0243	0.0385	0.0538	0.114
PCB 056	12	0	NA	15.9	14.8	8.04	1.1	43.1	1.21	1.34	2.27	12.1	27.8	28.9	35.3
PCB 057	12	8.33	<0.0005	0.45	0.474	0.142	<0.0005	1.46	0.0177	0.0336	0.0555	0.348	0.676	1.05	1.26
PCB 058	12	50	<0.00051 to <0.37	0.967	1.82	0.0537	<0.00051	5.62	0.000347	0.00138	0.0175	0.0385	0.721	3.17	4.32
PCB 059 & 062 & 075	12	0	NA	4.84	5.05	2.05	0.22	15.8	0.259	0.295	0.574	3.33	8.04	9.15	12.1
PCB 060	12	0	NA	4.51	4	2.59	0.48	10.8	0.519	0.569	0.789	3.59	8.6	9.1	9.87
PCB 061 & 070 & 074 & 076	12	0	NA	52.3	48.2	26.6	4	131	4.33	4.72	7.29	38.7	95.2	103	116
PCB 063	12	0	NA	2.12	2.09	1.02	0.15	6.56	0.15	0.157	0.309	1.55	3.62	3.73	5.01
PCB 064	12	0	NA	21.9	22.9	9.55	0.97	71.9	1.26	1.51	2.89	16.3	36.9	44.5	57.2
PCB 066	12	0	NA	48.1	44	25.6	4.3	117	4.47	4.82	6.95	37.5	84.5	105	110
PCB 067	12	0	NA	1.19	1.15	0.618	0.093	3.15	0.113	0.132	0.178	0.84	1.97	2.82	3
PCB 068	12	0	NA	1.46	1.52	0.709	0.094	4.6	0.103	0.113	0.266	0.985	2.06	3.55	4.07
PCB 072	12	0	NA	1.43	1.46	0.696	0.1	4.68	0.111	0.121	0.234	1.09	2.08	2.99	3.78
PCB 073	12	41.7	<0.011 to <0.016	0.139	0.337	0.0325	<0.011	1.2	0.00605	0.00655	0.00738	0.0435	0.0697	0.142	0.622
PCB 077	12	0	NA	7.42	7.12	3.96	0.7	21.3	0.733	0.783	1.24	6.04	12.2	16.6	18.9
PCB 078	12	100	<0.00053 to <0.42	0.0392	0.0564	0.0146	<0.00053	<0.42	0.000353	0.00148	0.011	0.0248	0.039	0.0539	0.125
PCB 079	12	0	NA	0.748	0.741	0.295	0.04	1.83	0.0411	0.0426	0.0553	0.545	1.43	1.64	1.73
PCB 080	12	100	<0.00047 to <0.35	0.0336	0.0471	0.0126	<0.00047	<0.35	0.00032	0.00125	0.009	0.022	0.0349	0.048	0.106
PCB 081	12	41.7	<0.022 to <0.4	0.158	0.161	0.0754	<0.022	0.51	0.0113	0.0119	0.0258	0.118	0.246	0.31	0.4
PCB 082	12	0	NA	7.03	7.42	3.08	0.35	23.3	0.416	0.471	1	5.04	11.1	14.8	18.7
PCB 083	5	20	<0.32	1.01	1.95	0.279	0.12	4.5	0.122	0.124	0.13	0.15	0.16	2.76	3.63
PCB 083 & 099	7	0	NA	67.8	49	44.9	7.48	128	8.38	9.29	31.1	62.4	107	124	126

Table 20. Summary of sediment chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 084	12	0	NA	14.2	15.4	5.55	0.51	49.7	0.571	0.632	1.54	11.1	21.4	27.8	37.8
PCB 085 & 116 & 117	12	0	NA	12.2	12.3	5.55	0.7	36.8	0.711	0.739	1.95	9.03	20	26.5	31.4
PCB 086 & 087 & 097 & 108 & 119 & 125	5	0	NA	16.3	28.4	5.83	2.1	67	2.14	2.18	2.3	2.9	7.2	43.1	55
PCB 086 & 087 & 097 & 109 & 119 & 125	7	0	NA	59.2	42.8	40.1	6.96	128	7.86	8.76	29.4	61.5	79.5	104	116
PCB 088 & 091	12	0	NA	15.7	16.5	6.46	0.65	43.7	0.672	0.721	2.28	10.6	24.2	42.1	43.5
PCB 089	12	41.7	<0.078 to <1.7	0.606	0.677	0.278	<0.078	2.27	0.0409	0.0433	0.0842	0.386	0.864	1.26	1.74
PCB 090 & 101 & 113	12	0	NA	69.8	70.3	30.2	3.6	201	3.6	3.74	9.84	48.6	119	148	172
PCB 092	12	0	NA	16.1	16.1	7.12	0.83	47.6	0.88	0.958	2.39	11.7	28.2	33.1	39.9
PCB 093 & 098 & 100 & 102	7	0	NA	13.9	10.3	9.35	1.83	28.8	1.95	2.07	5.98	12.4	21.1	25.4	27.1
PCB 093 & 100	5	0	NA	1.34	2.28	0.499	0.15	5.4	0.164	0.178	0.22	0.26	0.67	3.51	4.45
PCB 094	12	41.7	<0.074 to <1.6	1.56	1.8	0.491	<0.074	5.1	0.0387	0.0409	0.102	0.55	2.79	3.85	4.43
PCB 095	12	0	NA	44.5	47.4	18.7	2.1	146	2.27	2.46	6	28.6	69.8	94.3	118
PCB 096	12	0	NA	1.04	1.14	0.39	0.034	3.62	0.0373	0.0402	0.093	0.721	1.64	2.1	2.79
PCB 098 & 102	5	0	NA	1.09	1.97	0.358	0.12	4.6	0.128	0.136	0.16	0.18	0.37	2.91	3.75
PCB 099	5	0	NA	17.7	29.9	6.62	2.1	71	2.18	2.26	2.5	3.6	9.5	46.4	58.7
PCB 103	12	0	NA	2.2	2.4	0.9	0.09	6.57	0.0955	0.104	0.313	1.39	3.1	6.04	6.37
PCB 104	12	0	NA	0.549	0.6	0.198	0.019	1.69	0.019	0.0192	0.045	0.306	0.867	1.35	1.51
PCB 105	12	0	NA	26.2	25.2	13.1	2	75	2.06	2.16	4.52	19.4	44	51.7	62.2
PCB 106	12	100	<0.0005 to <1.4	0.0847	0.195	0.0182	<0.0005	<1.4	0.000337	0.00177	0.0178	0.0278	0.0358	0.0941	0.37
PCB 107	7	0	NA	7.88	5.79	5.29	1.03	17.2	1.06	1.09	3.63	7.99	10.9	13.8	15.5
PCB 107 & 124	5	0	NA	0.882	1.52	0.329	0.13	3.6	0.132	0.134	0.14	0.15	0.39	2.32	2.96
PCB 108 & 124	7	0	NA	2.85	2.09	1.93	0.367	6.23	0.395	0.423	1.3	3.02	3.86	5.04	5.63
PCB 109	5	0	NA	2.78	4.62	1.06	0.34	11	0.356	0.372	0.42	0.53	1.6	7.24	9.12
PCB 110 & 115	12	0	NA	89.9	91.6	39.3	4.8	271	4.97	5.28	12.6	63.6	144	189	226
PCB 111	12	41.7	<0.051 to <1.1	0.177	0.172	0.1	0.0249	<1.1	0.0252	0.0257	0.0312	0.137	0.288	0.365	0.453
PCB 112	12	100	<0.00022 to <1.1	0.0626	0.155	0.00932	<0.00022	<1.1	0.000144	0.000805	0.00688	0.0085	0.0279	0.0752	0.292
PCB 114	12	0	NA	1.2	1.25	0.584	0.089	4.06	0.094	0.1	0.213	0.795	1.83	2.47	3.22
PCB 118	12	0	NA	62.4	60.1	30.4	4.2	170	4.53	4.95	10.1	44.3	112	133	151
PCB 120	12	33.3	<0.054 to <1.2	0.401	0.4	0.195	<0.054	<1.2	0.0284	0.0301	0.0647	0.307	0.626	1.04	1.09
PCB 121	12	41.7	<0.051 to <1.1	0.21	0.198	0.116	0.0346	<1.1	0.0266	0.0281	0.0343	0.146	0.38	0.47	0.509
PCB 122	12	8.33	<1.4	0.774	0.817	0.4	0.075	2.64	0.0783	0.082	0.138	0.46	1.25	1.68	2.13
PCB 123	12	0	NA	0.917	0.888	0.468	0.077	2.6	0.082	0.0862	0.145	0.605	1.79	1.8	2.16
PCB 126	12	41.7	<0.07 to <0.28	0.319	0.473	0.134	0.0237	1.6	0.0298	0.0348	0.0361	0.117	0.343	0.817	1.19
PCB 127	12	41.7	<0.063 to <1.4	0.13	0.188	0.0679	0.0112	<1.4	0.0116	0.014	0.0334	0.0825	0.13	0.18	0.416
PCB 128 & 166	12	0	NA	12.7	12.6	5.98	0.74	37.1	0.845	0.967	2.1	8.4	22.5	24.5	30.2
PCB 129 & 138 & 163	12	0	NA	102	101	46.2	5.3	296	6.07	6.95	16.6	70.7	175	204	245

Table 20. Summary of sediment chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 130	12	0	NA	5.46	5.36	2.54	0.28	15.5	0.335	0.397	0.948	3.61	9.98	10.9	13
PCB 131	12	33.3	<0.033 to <0.11	0.823	0.894	0.277	<0.033	2.79	0.0201	0.0239	0.0491	0.56	1.35	1.69	2.2
PCB 132	12	0	NA	26.4	26.8	11.3	1.2	81.3	1.31	1.45	3.4	18.5	44	53.1	66.2
PCB 133	12	0	NA	3.07	3.44	1.28	0.1	11.4	0.155	0.206	0.422	1.97	4.94	5.9	8.42
PCB 134 & 143	12	8.33	<1.1	2.94	3.41	1.27	0.18	10.6	0.197	0.217	0.483	0.807	5.24	6.59	8.46
PCB 135 & 151	12	0	NA	39.1	40.1	16.4	1.5	120	1.78	2.09	5.23	27.5	63.9	81.7	99.2
PCB 136	12	0	NA	12.2	12.6	4.79	0.39	37.4	0.44	0.502	1.3	8.64	19.9	26.2	31.4
PCB 137	12	0	NA	2.81	2.93	1.11	0.11	8.84	0.121	0.131	0.328	1.74	4.89	5.52	7.04
PCB 139 & 140	12	0	NA	1.36	1.46	0.564	0.056	4.62	0.0604	0.0666	0.158	0.912	2.18	2.77	3.61
PCB 141	12	0	NA	16.2	17.1	6.42	0.65	52.6	0.711	0.764	1.63	10.8	27.4	33.4	42.4
PCB 142	12	91.7	<0.0014 to <1.1	0.079	0.15	0.0301	<0.0014	<1.1	0.00439	0.00816	0.0199	0.042	0.055	0.0775	0.292
PCB 144	12	0	NA	3.46	3.68	1.38	0.14	11.6	0.14	0.145	0.333	2.43	5.7	7.07	9.19
PCB 145	12	50	<0.019 to <0.68	0.0649	0.0946	0.033	0.00702	<0.68	0.00838	0.00987	0.0138	0.029	0.0733	0.131	0.228
PCB 146	12	0	NA	18	19.4	8.11	0.78	63.1	1.07	1.35	3.03	11.1	30.6	34.2	47.4
PCB 147 & 149	12	0	NA	76.3	75.9	34.1	3.5	214	4.11	4.81	12.2	51.9	127	170	191
PCB 148	12	8.33	<0.027	1.02	1.28	0.349	<0.027	4.34	0.0319	0.048	0.119	0.601	1.38	2.16	3.17
PCB 150	12	25	<0.018 to <0.63	0.538	0.687	0.181	<0.018	2.09	0.0112	0.0152	0.0688	0.218	0.721	1.56	1.84
PCB 152	12	41.7	<0.018 to <0.65	0.373	0.408	0.134	<0.018	1.2	0.0112	0.0135	0.0273	0.205	0.643	0.852	1.01
PCB 153 & 168	12	0	NA	81.2	81.2	37	4	230	4.77	5.63	13.3	53.7	130	187	209
PCB 154	12	0	NA	4.06	5	1.54	0.096	15.4	0.164	0.228	0.55	2.14	5.19	11.5	13.6
PCB 155	12	41.7	<0.031 to <0.76	0.156	0.165	0.0761	0.0195	<0.76	0.0163	0.0173	0.0221	0.0833	0.265	0.393	0.416
PCB 156 & 157	12	0	NA	11.7	12.2	5.25	0.76	37.3	0.782	0.819	1.46	6.8	20.7	22.8	29.3
PCB 158	12	0	NA	8.4	8.57	3.7	0.46	26.1	0.471	0.496	1.21	5.47	14.3	16.4	20.8
PCB 159	12	16.7	<0.0072 to <0.0094	0.745	0.893	0.171	<0.0072	2.7	0.00421	0.00553	0.0258	0.257	1.4	1.71	2.17
PCB 160	12	100	<0.001 to <0.83	0.0598	0.113	0.019	<0.001	<0.83	0.000514	0.00167	0.0158	0.0323	0.0423	0.0583	0.22
PCB 161	12	100	<0.00086 to <0.73	0.0538	0.0996	0.0171	<0.00086	<0.73	0.000438	0.00145	0.0139	0.029	0.0394	0.0581	0.197
PCB 162	12	0	NA	0.362	0.805	0.101	0.016	2.89	0.0188	0.0211	0.0251	0.107	0.265	0.335	1.49
PCB 164	12	0	NA	6.3	6.37	2.77	0.32	18.8	0.348	0.382	0.948	4.04	10.6	12.9	15.6
PCB 165	12	33.3	<0.024 to <0.84	0.387	0.395	0.162	<0.024	1.15	0.0148	0.0176	0.0656	0.262	0.602	0.887	1.01
PCB 167	12	0	NA	3.27	3.17	1.57	0.22	9.01	0.242	0.267	0.477	2.13	6.15	6.35	7.55
PCB 169	12	83.3	<0.00048 to <0.18	0.0802	0.139	0.0135	<0.00048	0.386	0.000338	0.000741	0.00466	0.0158	0.0713	0.329	0.37
PCB 170	12	0	NA	24	24.1	11.1	1.4	70.2	1.46	1.58	3.73	14.9	43	50.8	59.8
PCB 171 & 173	12	0	NA	7.94	7.81	3.9	0.58	22.8	0.619	0.682	1.35	4.99	14.6	16.3	19.3
PCB 172	12	0	NA	5.01	5.14	2.44	0.37	16	0.409	0.46	0.789	2.99	8.78	9.84	12.6
PCB 174	12	0	NA	29.9	29.7	14.4	2.2	88.2	2.31	2.5	4.95	18.6	55.8	58	71.6
PCB 175	12	0	NA	1.12	1.18	0.529	0.069	3.79	0.0767	0.0867	0.191	0.675	2	2.1	2.86
PCB 176	12	0	NA	3.61	3.81	1.59	0.18	12.1	0.197	0.219	0.548	2.27	6.13	6.96	9.28
PCB 177	12	0	NA	21.1	21.2	10.3	1.4	64	1.62	1.9	3.38	13.4	38	42	52
PCB 178	12	0	NA	10.2	11.4	4.71	0.55	38.3	0.732	0.912	1.56	6.18	17	19	27.7

Table 20. Summary of sediment chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 179	12	0	NA	15.3	16.2	6.87	0.81	51.4	0.915	1.05	2.55	9.05	27.2	29	39.2
PCB 180 & 193	12	0	NA	59.5	62.6	26.9	3.4	197	3.68	4.02	10.1	37	94.8	126	159
PCB 181	12	0	NA	0.224	0.229	0.097	0.012	0.663	0.0131	0.0144	0.0296	0.131	0.406	0.48	0.565
PCB 182	12	0	NA	0.33	0.564	0.116	0.014	2.04	0.0184	0.0227	0.029	0.141	0.356	0.484	1.19
PCB 183	12	0	NA	16.1	16.7	7.59	1	52.6	1.11	1.25	2.78	9.4	28.4	31.3	41
PCB 184	12	33.3	<0.0011 to <0.023	0.0328	0.0446	0.0107	<0.0011	0.143	0.000825	0.00118	0.00429	0.00878	0.047	0.0884	0.116
PCB 185	12	58.3	<0.0011 to <0.041	0.713	1.99	0.0419	<0.0011	7	0.000729	0.00194	0.0134	0.019	0.288	0.667	3.54
PCB 186	12	83.3	<0.000445 to <0.022	0.00788	0.0118	0.00297	<0.000445	0.041	0.000375	0.000545	0.00103	0.00303	0.008	0.0182	0.0289
PCB 187	12	0	NA	49.5	53.3	23.7	3.1	176	3.82	4.58	8.13	30.5	83.2	93.5	131
PCB 188	12	0	NA	0.277	0.347	0.108	0.0096	1.11	0.0137	0.0174	0.0299	0.137	0.391	0.728	0.92
PCB 189	12	0	NA	1.14	1.12	0.544	0.072	3.11	0.0841	0.0966	0.164	0.71	2.04	2.59	2.85
PCB 190	12	0	NA	6.2	5.98	3.17	0.53	16.9	0.574	0.635	1.01	3.94	11.3	13	14.8
PCB 191	12	0	NA	0.948	0.941	0.476	0.08	2.74	0.0872	0.0967	0.156	0.554	1.63	2.07	2.39
PCB 192	12	100	<0.00079 to <0.086	0.0102	0.0118	0.00507	<0.00079	<0.086	0.000508	0.00074	0.00211	0.008	0.0133	0.0167	0.0287
PCB 194	12	0	NA	21.7	26.7	9.11	1.2	91.8	1.31	1.45	2.76	11.8	31.8	42.3	65.1
PCB 195	12	0	NA	7.3	8.2	3.23	0.37	27.1	0.458	0.547	1.09	3.98	12	14.4	20.3
PCB 196	12	0	NA	10.3	12.4	4.5	0.55	42.6	0.666	0.78	1.52	5.15	16	18.5	29.3
PCB 197	12	0	NA	0.521	0.709	0.211	0.026	2.53	0.0293	0.033	0.062	0.293	0.701	0.895	1.64
PCB 198 & 199	12	0	NA	32.3	37.1	14.7	1.8	125	2.41	2.99	4.48	17.1	50.6	60.5	89.6
PCB 200	12	0	NA	3.71	4.58	1.4	0.15	15.6	0.156	0.163	0.49	1.9	5.5	7.24	11.1
PCB 201	12	0	NA	3.71	4.75	1.51	0.13	16.7	0.202	0.263	0.533	1.81	5.59	6.28	11
PCB 202	12	0	NA	9.67	11.4	4.1	0.39	38.8	0.566	0.73	1.33	5.39	14.4	19.3	28.3
PCB 203	12	0	NA	19.3	22.6	8.64	1.1	76.7	1.38	1.62	2.71	10.4	30.2	36.3	54.7
PCB 204	12	58.3	<0.0014 to <0.044	0.0169	0.0177	0.00784	<0.0014	0.045	0.00114	0.00151	0.00298	0.00625	0.0293	0.0429	0.0439
PCB 205	12	0	NA	1.08	1.25	0.483	0.054	4.23	0.0738	0.092	0.148	0.598	1.7	2.03	3.03
PCB 206	12	0	NA	35.1	37.9	15.6	1.4	118	2.5	3.43	3.77	20.8	55.2	79.8	97.9
PCB 207	12	0	NA	3.35	3.89	1.38	0.1	12.8	0.188	0.263	0.354	1.63	5.53	6.79	9.53
PCB 208	12	0	NA	12.1	12.1	5.56	0.46	33.5	0.906	1.28	1.4	7.05	20.2	28.1	30.9
PCB 209	12	0	NA	29.5	28.7	13	0.84	74.3	1.36	1.88	3.83	19.4	55.8	67	70.8
Total PCBs - Homologs	12	0	NA	1560	1540	727	105	4710	106	110	238	1200	2550	3040	3810
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	12	83.3	<0.0001 to <0.000234	0.000334	0.000858	0.000099	<0.0001	0.00305	0.0000508	0.0000516	0.000052	0.000059	0.000101	0.000281	0.00154
Total TCDD	12	0	NA	0.00486	0.00401	0.00296	0.000321	0.0116	0.000589	0.00083	0.00114	0.00473	0.00816	0.01	0.0108
1,2,3,7,8-PeCDD	12	41.7	<0.0000923 to <0.00067	0.000342	0.000286	0.000212	0.0000808	0.000865	0.0000494	0.0000528	0.0000743	0.000356	0.000501	0.000681	0.000765
Total PeCDD	12	25	<0.000117 to <0.000159	0.00376	0.00366	0.00105	<0.000117	0.00932	0.0000618	0.000066	0.000111	0.00337	0.00667	0.00818	0.0087

Table 20. Summary of sediment chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW; cont.)															
1,2,3,4,7,8-HxCDD	12	16.7	<0.0000856 to <0.000113	0.000671	0.000514	0.000422	<0.0000856	0.00148	0.0000503	0.0000667	0.000283	0.000609	0.00107	0.00137	0.00143
1,2,3,6,7,8-HxCDD	12	16.7	<0.000119 to <0.000195	0.00157	0.00121	0.000907	<0.000119	0.0035	0.0000804	0.00013	0.000486	0.00171	0.00244	0.00296	0.00322
1,2,3,7,8,9-HxCDD	12	0	NA	0.00227	0.00176	0.00143	0.000169	0.00505	0.000216	0.000268	0.000798	0.00217	0.00343	0.00479	0.00496
Total HxCDD	12	0	NA	0.0193	0.0153	0.0114	0.000816	0.0456	0.00116	0.00166	0.00729	0.0178	0.0282	0.0423	0.0445
1,2,3,4,6,7,8-HpCDD	12	0	NA	0.0536	0.0406	0.0329	0.00309	0.124	0.00364	0.00459	0.0243	0.0485	0.0818	0.104	0.114
Total HpCDD	12	0	NA	0.127	0.0958	0.077	0.00626	0.297	0.00797	0.0105	0.0573	0.119	0.194	0.241	0.268
Total OCDD	12	0	NA	1.17	0.873	0.722	0.0702	2.67	0.0793	0.0961	0.602	0.99	1.78	2.23	2.43
2,3,7,8-TCDF	12	8.33	<0.00078	0.0141	0.0148	0.007	<0.00078	0.0443	0.000797	0.00117	0.00456	0.00799	0.0179	0.0368	0.0407
Total TCDF	12	0	NA	0.0949	0.112	0.0508	0.00704	0.389	0.0075	0.00834	0.0327	0.0611	0.0974	0.223	0.305
1,2,3,7,8-PeCDF	12	0	NA	0.00369	0.0032	0.0022	0.000214	0.0101	0.000341	0.000467	0.00107	0.00331	0.00566	0.00764	0.00881
2,3,4,7,8-PeCDF	12	0	NA	0.00757	0.00638	0.00445	0.00043	0.0202	0.000707	0.000992	0.00183	0.00777	0.011	0.0148	0.0174
Total PeCDF	12	0	NA	0.0759	0.0705	0.0404	0.00294	0.233	0.00476	0.00687	0.0171	0.0713	0.113	0.149	0.188
1,2,3,4,7,8-HxCDF	12	0	NA	0.0121	0.0103	0.00669	0.000731	0.0281	0.00112	0.00148	0.00202	0.0113	0.022	0.024	0.0259
1,2,3,6,7,8-HxCDF	12	0	NA	0.00333	0.00284	0.00191	0.000181	0.00855	0.000303	0.000428	0.000698	0.00355	0.00521	0.00676	0.0076
1,2,3,7,8,9-HxCDF	12	33.3	<0.0000924 to <0.000146	0.000308	0.000251	0.000198	0.0000843	0.000778	0.0000508	0.0000548	0.0000691	0.00032	0.000444	0.000599	0.000682
2,3,4,6,7,8-HxCDF	12	0	NA	0.00171	0.00141	0.00102	0.000128	0.00403	0.00019	0.000251	0.00036	0.00175	0.00282	0.00347	0.00374
Total HxCDF	12	0	NA	0.0391	0.0337	0.0213	0.00188	0.0958	0.00301	0.00421	0.00729	0.0414	0.0627	0.0845	0.0905
1,2,3,4,6,7,8-HpCDF	12	0	NA	0.0168	0.0151	0.0089	0.000915	0.0418	0.00136	0.0018	0.00251	0.0145	0.0269	0.0381	0.0402
1,2,3,4,7,8,9-HpCDF	12	0	NA	0.00295	0.0026	0.00159	0.000192	0.00646	0.000288	0.000367	0.000391	0.00241	0.00562	0.00621	0.00633
Total HpCDF	12	0	NA	0.0353	0.0316	0.0188	0.00197	0.0861	0.00298	0.00393	0.00516	0.0309	0.0569	0.0804	0.0839
Total OCDF	12	0	NA	0.0308	0.0271	0.0155	0.00121	0.0717	0.00247	0.00351	0.00367	0.0302	0.0542	0.0623	0.0667
Mean Quotients															
Mean PEC-Q_{METALS}	53	0	NA	0.0858	0.0442	0.0755	0.0177	0.237	0.0323	0.041	0.058	0.0755	0.11	0.146	0.167

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

Table 21. Summary of sediment chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	61	0	NA	5.29	4.01	3.69	0.2	14.2	0.7	1.1	2.2	3.9	8.3	11.8	12.3
Silt (%)	61	0	NA	25.7	23.1	NA	0	84.6	2	3.4	5.6	15	41.3	53.9	73.8
Fines (silt+clay; %)	61	0	NA	31	26.3	19.7	2.8	94.7	3.1	4.4	7.8	19.7	53	62.2	86.7
Gravel (%)	61	0	NA	0.0197	0.0771	NA	0	0.4	0	0	0	0	0	0	0.1
Sand (%)	61	0	NA	69	26.3	60.3	5.3	97.2	13.3	37.8	47	80.3	92.2	95.6	96.9
Solids (%)	61	0	NA	70.6	12.4	69.4	36.8	85	46.5	50.8	65.1	74.3	80.2	83.7	84
Phosphorus (mg/kg)	61	0	NA	309	193	259	60.3	972	97.9	121	173	246	388	550	663
Total Organic Carbon (%)	61	0	NA	0.886	0.815	0.567	0.048	3.6	0.12	0.13	0.31	0.55	1.4	1.9	2.4
Metals (mg/kg DW)															
Aluminum	61	0	NA	4710	3340	3760	913	15800	1470	1710	2200	3600	6690	8950	10900
Antimony	61	91.8	<0.1 to <0.25	0.0765	0.0404	0.0683	<0.1	<0.25	0.05	0.05	0.05	0.05	0.125	0.125	0.125
Arsenic	61	0	NA	2.77	1.9	2.27	0.565	9.48	0.884	1.15	1.5	2.14	3.31	5.87	6.71
Barium	61	0	NA	50.3	33.6	40.9	9.75	148	12.7	21.2	26.5	39.7	66.3	105	121
Beryllium	61	9.84	<0.1 to <0.25	0.383	0.219	0.322	<0.1	1.1	0.125	0.132	0.227	0.325	0.537	0.707	0.748
Cadmium	61	55.7	<0.1 to <0.25	0.153	0.116	0.118	<0.1	0.459	0.05	0.05	0.05	0.125	0.162	0.361	0.381
Calcium	61	0	NA	1080	684	855	186	2470	286	358	473	939	1630	2170	2320
Chromium	61	0	NA	12.3	6.28	10.8	1.66	33.8	4.75	5.93	8.59	11.4	14.3	18.8	26.3
Cobalt	61	0	NA	5.59	3.04	4.77	0.873	14.5	2.06	2.57	3.27	4.93	7.28	8.91	10.7
Copper	61	0	NA	9.38	8.36	6.76	1.18	40.6	1.94	2.77	3.88	5.76	13.4	18.5	24.6
Iron	61	0	NA	10800	5320	9590	1920	25600	3970	5400	6700	9900	14400	17400	19500
Lead	61	0	NA	14.5	8.76	12	2.6	42.2	3.97	4.4	7.44	12.2	19.5	27.2	30.3
Magnesium	61	0	NA	723	427	591	71.5	1700	182	238	379	598	1160	1370	1400
Manganese	61	0	NA	381	269	310	71.5	1720	106	120	182	335	510	624	821
Mercury	27	0	NA	0.485	0.304	0.352	0.0301	1.12	0.0332	0.09	0.278	0.416	0.689	0.926	0.984
Molybdenum	61	13.1	<0.1 to <0.25	0.259	0.176	0.222	<0.1	1.24	0.119	0.125	0.145	0.234	0.297	0.442	0.559
Nickel	61	0	NA	5.3	3.05	4.48	0.872	15.6	1.83	2.14	3.23	4.69	7.03	9.44	11.1
Potassium	61	0	NA	341	253	270	50.5	1170	100	129	178	238	445	666	816
Selenium	61	19.7	<0.1 to <0.25	0.279	0.204	0.209	<0.1	0.869	0.05	0.05	0.121	0.169	0.421	0.565	0.612
Silver	61	88.5	<0.1 to <0.25	0.0848	0.0559	0.0725	<0.1	0.319	0.05	0.05	0.05	0.05	0.125	0.125	0.172
Sodium	61	1.64	<1	20.3	10.3	17.4	<1	49.3	8.21	9.34	13.2	18	25.7	36.3	41.5
Thallium	61	75.4	<0.1 to <0.25	0.0933	0.0552	0.0805	<0.1	0.282	0.05	0.05	0.05	0.05	0.125	0.134	0.193
Vanadium	61	0	NA	9.3	5.49	7.77	1.39	25.5	3.39	3.94	5.11	7.26	12.8	16.7	19.8
Zinc	61	0	NA	41.6	27.5	34.1	6.44	139	10.6	15.4	24.3	31.1	57.4	78.4	90.1
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	61	100	<1.24 to <5.55	1.31	0.471	1.23	<1.24	<5.55	0.665	0.675	1.19	1.27	1.46	1.93	2.17

Table 21. Summary of sediment chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
Aroclor 1221	61	100	<1.24 to <5.79	1.36	0.502	1.27	<1.24	<5.79	0.665	0.675	1.24	1.32	1.53	2.02	2.26
Aroclor 1232	61	100	<1.24 to <5.79	1.36	0.502	1.27	<1.24	<5.79	0.665	0.675	1.24	1.32	1.53	2.02	2.26
Aroclor 1242	61	100	<1.24 to <5.79	1.36	0.502	1.27	<1.24	<5.79	0.665	0.675	1.24	1.32	1.53	2.02	2.26
Aroclor 1248	61	4.92	<1.35 to <2.98	210	291	71	<1.35	1710	2.82	5.7	21.9	89.9	305	625	718
Aroclor 1254	61	3.28	<2.5 to <2.98	271	353	93.3	2.14	1680	4.47	7.08	33.8	108	353	906	995
Aroclor 1260	61	4.92	<1.35 to <2.95	197	263	65.5	<1.35	1220	3.62	4.28	24.6	78.4	254	580	776
Total PCBs - Aroclors	61	3.28	<17.4 to <20.7	683	892	253	6.19	4620	16.3	22.6	90.8	285	900	2100	2310
PCB 001	13	0	NA	41.8	60.8	15	1.3	205	2.2	2.88	3.3	13.6	43.7	116	161
PCB 002	13	0	NA	1.71	2.57	0.729	0.064	9.6	0.122	0.168	0.22	0.76	1.88	3.02	5.71
PCB 003	13	0	NA	21.2	26.7	9.85	1	88.7	1.78	2.38	3.6	8.6	28.2	55.8	72.9
PCB 004	13	0	NA	56.2	87.9	15.7	1.6	251	1.78	2.02	3.6	12.9	58.5	208	247
PCB 005	13	46.2	<0.005 to <0.38	0.467	1.2	0.0878	<0.005	4.43	0.00313	0.00804	0.058	0.11	0.19	0.534	2.14
PCB 006	13	0	NA	15.1	30.8	4.36	0.4	112	0.658	0.844	1.5	3.6	9.38	32.4	67.7
PCB 007	13	0	NA	2.48	4.83	0.745	0.074	17.4	0.12	0.15	0.27	0.64	1.7	5.89	11.1
PCB 008	13	0	NA	42	73	14.2	1.4	256	2.3	3.09	4.4	10	33.7	112	182
PCB 009	13	0	NA	2.49	6.03	0.633	0.077	22.3	0.0999	0.12	0.26	0.48	1.32	3.22	11.1
PCB 010	13	0	NA	2.86	3.9	0.855	0.083	11.5	0.105	0.124	0.21	0.382	4.08	9.04	10.7
PCB 011	13	7.69	<0.73	0.779	1.2	0.344	0.046	4.35	0.0772	0.1	0.16	0.365	0.56	1.72	2.81
PCB 012 & 013	13	0	NA	5.19	7.93	2.27	0.2	29.2	0.434	0.623	0.98	2.3	4.74	10.9	18.8
PCB 014	13	100	<0.0034 to <0.31	0.0502	0.0448	0.0267	<0.0034	<0.31	0.00206	0.00314	0.018	0.055	0.07	0.091	0.119
PCB 015	13	0	NA	56.3	72.3	26	2.2	246	5.02	7.15	10	32	64	146	197
PCB 016	13	0	NA	7.28	17	1.41	0.098	61.3	0.165	0.247	0.41	0.83	3.1	15.7	35.8
PCB 017	13	0	NA	26.7	42.8	6.93	0.41	133	0.59	0.788	2	3.9	24.3	90.7	117
PCB 018 & 030	13	0	NA	21.9	42.7	5.04	0.3	147	0.468	0.704	1.63	2.6	13.8	63.7	104
PCB 019	13	0	NA	17.3	23.6	4.88	0.31	79.1	0.454	0.566	0.92	2.63	24.8	42.9	59.5
PCB 020 & 028	13	0	NA	47.1	67.4	17.8	1.2	237	2.58	3.75	6.2	18	64	113	170
PCB 021 & 033	13	0	NA	8.59	16.3	2.8	0.18	60.8	0.463	0.661	0.97	3.67	6.08	13.4	32.5
PCB 022	13	0	NA	10.3	19.6	3.1	0.2	72	0.428	0.641	1	2.5	9.3	20.3	42.7
PCB 023	13	84.6	<0.000895 to <0.66	0.0528	0.0878	0.0193	<0.000895	<0.66	0.00146	0.0028	0.013	0.0205	0.05	0.0904	0.189
PCB 024	13	30.8	<0.00064 to <0.017	0.16	0.34	0.0187	<0.00064	1.23	0.000518	0.00067	0.0059	0.022	0.092	0.346	0.718
PCB 025	13	0	NA	13.6	19.7	4.81	0.29	61.5	0.56	0.852	1.67	4.2	16	43.5	54.7
PCB 026 & 029	13	0	NA	18.1	27.9	6.18	0.37	91.3	0.7	1.08	2.31	4.6	18.3	55.5	75.2
PCB 027	13	0	NA	7.12	9.93	2.14	0.13	33.9	0.19	0.244	0.51	1.18	8.99	17.6	25.3
PCB 031	13	0	NA	32.6	52.3	11.2	0.73	187	1.49	2.28	3.64	8.4	35.6	77.2	127
PCB 032	13	0	NA	15.6	22.2	4.25	0.21	65.8	0.306	0.402	1.1	3.31	20.3	51.3	61.7
PCB 034	13	46.2	<0.012 to <0.69	0.518	0.723	0.131	<0.012	2.12	0.0105	0.015	0.021	0.0648	0.555	1.67	1.92

Table 21. Summary of sediment chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 035	13	0	NA	0.47	0.591	0.204	0.015	2.01	0.0378	0.0555	0.0705	0.21	0.542	1.13	1.51
PCB 036	13	53.8	<0.00073 to <0.061	0.222	0.627	0.0276	<0.00073	2.3	0.000388	0.00412	0.022	0.0255	0.083	0.194	1.05
PCB 037	13	0	NA	15.1	15.6	7.49	0.63	51	1.57	2.22	2.4	12	25.1	32	40
PCB 038	13	92.3	<0.006 to <0.75	0.061	0.0983	0.0271	0.00303	<0.75	0.00302	0.00372	0.0145	0.035	0.06	0.092	0.21
PCB 039	13	46.2	<0.012 to <0.7	0.202	0.228	0.0823	<0.012	<0.7	0.0105	0.0151	0.0215	0.055	0.336	0.503	0.604
PCB 040 & 041 & 071	7	0	NA	35.6	27.8	22.6	3.18	83.9	3.8	4.43	15.8	38.9	45.9	62.7	73.3
PCB 040 & 071	6	0	NA	5.77	10.9	1.76	0.27	28	0.395	0.52	0.878	1.3	2.6	15.5	21.8
PCB 041	6	0	NA	0.293	0.544	0.0942	0.012	1.4	0.0205	0.029	0.0528	0.084	0.121	0.765	1.08
PCB 042	13	0	NA	14.9	17.7	4.91	0.2	57.6	0.41	0.618	0.94	4.01	25.2	31.7	42.4
PCB 043	13	23.1	<0.00045 to <0.024	0.856	1.24	0.0884	<0.00045	3.39	0.000396	0.00281	0.014	0.075	1.39	2.96	3.35
PCB 044 & 047 & 065	13	0	NA	69.4	80.5	23.3	1.1	257	2.18	3.12	4.1	16.3	125	151	196
PCB 045	6	0	NA	0.715	1.42	0.192	0.027	3.6	0.0405	0.054	0.0983	0.15	0.248	1.94	2.77
PCB 045 & 051	7	0	NA	24.1	18.9	15	2.46	57.3	2.52	2.58	11.3	25.4	30.3	42.3	49.8
PCB 046	13	0	NA	2.25	3.18	0.556	0.02	10.7	0.0374	0.0538	0.11	0.398	3.43	5.67	7.97
PCB 048	13	0	NA	2.62	3.12	0.914	0.045	9.82	0.102	0.156	0.26	0.58	4.3	6.15	7.74
PCB 049 & 069	13	0	NA	52.1	60.5	18.3	0.9	195	1.74	2.54	3.7	12.7	87.5	116	151
PCB 050 & 053	13	0	NA	13.8	17.3	3.96	0.16	58.6	0.298	0.412	0.74	2.93	23.5	27.7	40.4
PCB 051	6	0	NA	1.84	3.71	0.504	0.11	9.4	0.14	0.17	0.235	0.375	0.538	4.98	7.19
PCB 052	13	0	NA	67.2	76.3	25.5	1.3	253	2.56	3.82	6.1	18.2	117	124	176
PCB 054	13	0	NA	2.97	3.61	0.801	0.038	11.6	0.0626	0.0798	0.097	0.614	5.38	6.45	8.57
PCB 055	13	100	<0.00052 to <0.37	0.0338	0.0486	0.0123	<0.00052	<0.37	0.000358	0.000978	0.01	0.024	0.037	0.0526	0.107
PCB 056	13	0	NA	14.7	14.8	6.37	0.39	43.1	0.816	1.14	1.7	5.1	27.6	28.9	34.6
PCB 057	13	7.69	<0.0005	0.416	0.47	0.112	<0.0005	1.46	0.00412	0.0118	0.048	0.18	0.668	1.01	1.24
PCB 058	13	53.8	<0.00051 to <0.37	0.893	1.76	0.0432	<0.00051	5.62	0.000356	0.000968	0.01	0.0355	0.185	3.07	4.2
PCB 059 & 062 & 075	13	0	NA	4.47	5.02	1.6	0.08	15.8	0.164	0.234	0.34	1.06	7.67	9.15	11.8
PCB 060	13	0	NA	4.18	4.01	2.07	0.14	10.8	0.344	0.494	0.74	1.8	8.44	9.09	9.78
PCB 061 & 070 & 074 & 076	13	0	NA	48.3	48.2	21.2	1.4	131	2.96	4.12	5.8	17	94	102	114
PCB 063	13	0	NA	1.96	2.08	0.814	0.051	6.56	0.11	0.15	0.22	0.63	3.61	3.72	4.87
PCB 064	13	0	NA	20.3	22.7	7.34	0.31	71.9	0.706	1.08	1.6	5.8	36.6	43.7	55.9
PCB 066	13	0	NA	44.5	44.1	20.8	1.7	117	3.26	4.36	6.8	21	79.3	104	110
PCB 067	13	0	NA	1.1	1.14	0.475	0.02	3.15	0.0638	0.1	0.15	0.48	1.83	2.77	2.98
PCB 068	13	0	NA	1.35	1.51	0.559	0.032	4.6	0.0692	0.0972	0.14	0.47	1.85	3.45	4.02
PCB 072	13	0	NA	1.32	1.45	0.549	0.032	4.68	0.0728	0.104	0.13	0.4	1.94	2.94	3.7
PCB 073	13	38.5	<0.011 to <0.016	0.129	0.324	0.0308	<0.011	1.2	0.0061	0.0066	0.0075	0.042	0.0693	0.134	0.57
PCB 077	13	0	NA	6.87	7.1	3.22	0.27	21.3	0.528	0.712	0.99	3.7	11.8	16.3	18.7
PCB 078	13	100	<0.00053 to <0.42	0.0365	0.0549	0.0131	<0.00053	<0.42	0.000361	0.00105	0.011	0.0245	0.0375	0.0527	0.117

Table 21. Summary of sediment chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 079	13	0	NA	0.692	0.737	0.243	0.024	1.83	0.0336	0.0404	0.048	0.14	1.4	1.63	1.72
PCB 080	13	100	<0.00047 to <0.35	0.0312	0.0459	0.0113	<0.00047	<0.35	0.000328	0.000902	0.009	0.022	0.0335	0.047	0.0994
PCB 081	13	46.2	<0.0069 to <0.4	0.146	0.16	0.0595	<0.0069	0.51	0.00798	0.0111	0.0155	0.038	0.225	0.31	0.39
PCB 082	13	0	NA	6.5	7.36	2.43	0.14	23.3	0.266	0.374	0.48	1.88	10.5	14.6	18.3
PCB 083	6	16.7	<0.32	0.852	1.79	0.211	0.052	4.5	0.069	0.086	0.123	0.14	0.158	2.33	3.42
PCB 083 & 099	7	0	NA	67.8	49	44.9	7.48	128	8.38	9.29	31.1	62.4	107	124	126
PCB 084	13	0	NA	13.1	15.3	4.3	0.2	49.7	0.386	0.532	0.74	3.5	20	27.5	36.7
PCB 085 & 116 & 117	13	0	NA	11.3	12.2	4.42	0.29	36.8	0.536	0.704	0.91	3.16	19.3	26	30.9
PCB 086 & 087 & 097 & 108 & 119 & 125	6	0	NA	13.7	26.2	4.25	0.87	67	1.18	1.49	2.15	2.6	6.13	37.1	52.1
PCB 086 & 087 & 097 & 109 & 119 & 125	7	0	NA	59.2	42.8	40.1	6.96	128	7.86	8.76	29.4	61.5	79.5	104	116
PCB 088 & 091	13	0	NA	14.5	16.4	5.09	0.29	43.7	0.506	0.658	1	3.53	22	40.9	43.5
PCB 089	13	46.2	<0.031 to <1.7	0.561	0.669	0.223	<0.031	2.27	0.0296	0.0397	0.05	0.205	0.861	1.21	1.69
PCB 090 & 101 & 113	13	0	NA	64.6	69.9	24.1	1.6	201	2.8	3.6	5	15.6	110	148	169
PCB 092	13	0	NA	14.9	16	5.67	0.37	47.6	0.646	0.848	1.3	3.3	28	32.6	39.2
PCB 093 & 098 & 100 & 102	7	0	NA	13.9	10.3	9.35	1.83	28.8	1.95	2.07	5.98	12.4	21.1	25.4	27.1
PCB 093 & 100	6	0	NA	1.13	2.1	0.356	0.066	5.4	0.087	0.108	0.168	0.24	0.568	3.04	4.22
PCB 094	13	46.2	<0.029 to <1.6	1.44	1.78	0.375	<0.029	5.1	0.028	0.0376	0.0485	0.301	2.55	3.81	4.37
PCB 095	13	0	NA	41.1	47	14.2	0.52	146	1.47	2.16	3	10.2	63.8	93.6	115
PCB 096	13	0	NA	0.963	1.13	0.304	0.015	3.62	0.0264	0.0352	0.042	0.261	1.5	2.1	2.71
PCB 098 & 102	6	0	NA	0.912	1.81	0.247	0.039	4.6	0.0593	0.0795	0.13	0.17	0.323	2.49	3.54
PCB 099	6	0	NA	15	27.6	4.91	1.1	71	1.35	1.6	2.2	3.05	8.03	40.3	55.6
PCB 103	13	0	NA	2.04	2.38	0.701	0.035	6.57	0.068	0.092	0.14	0.474	2.62	5.88	6.35
PCB 104	13	0	NA	0.507	0.593	0.159	0.011	1.69	0.0158	0.019	0.021	0.12	0.752	1.33	1.49
PCB 105	13	0	NA	24.2	25.1	10.5	0.8	75	1.52	2.02	2.7	7.8	41.6	51.6	61.1
PCB 106	13	100	<0.0005 to <1.4	0.0792	0.188	0.0177	<0.0005	<1.4	0.000345	0.00283	0.014	0.0265	0.034	0.0882	0.34
PCB 107	7	0	NA	7.88	5.79	5.29	1.03	17.2	1.06	1.09	3.63	7.99	10.9	13.8	15.5
PCB 107 & 124	6	0	NA	0.744	1.4	0.241	0.051	3.6	0.0708	0.0905	0.133	0.145	0.33	2	2.8
PCB 108 & 124	7	0	NA	2.85	2.09	1.93	0.367	6.23	0.395	0.423	1.3	3.02	3.86	5.04	5.63
PCB 109	6	0	NA	2.34	4.27	0.781	0.17	11	0.213	0.255	0.36	0.475	1.33	6.3	8.65
PCB 110 & 115	13	0	NA	83.1	91	31.3	2	271	3.68	4.86	6.9	18.2	130	188	222
PCB 111	13	46.2	<0.02 to <1.1	0.164	0.171	0.0841	<0.02	<1.1	0.0189	0.025	0.0275	0.08	0.285	0.358	0.444
PCB 112	13	100	<0.00022 to <1.1	0.0585	0.149	0.00933	<0.00022	<1.1	0.000148	0.00144	0.007	0.0085	0.0265	0.0704	0.268
PCB 114	13	0	NA	1.11	1.24	0.467	0.032	4.06	0.0662	0.0908	0.12	0.28	1.8	2.4	3.14
PCB 118	13	0	NA	57.7	59.9	24.7	2	170	3.32	4.32	6.3	18	110	132	149

Table 21. Summary of sediment chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 120	13	38.5	<0.021 to <1.2	0.371	0.398	0.156	<0.021	<1.2	0.0204	0.0275	0.0355	0.18	0.6	1	1.09
PCB 121	13	46.2	<0.02 to <1.1	0.194	0.197	0.096	<0.02	<1.1	0.0193	0.0259	0.0335	0.08	0.366	0.465	0.505
PCB 122	13	7.69	<1.4	0.717	0.809	0.329	0.031	2.64	0.0574	0.0762	0.091	0.22	1.23	1.64	2.09
PCB 123	13	0	NA	0.849	0.885	0.381	0.032	2.6	0.059	0.0788	0.088	0.284	1.79	1.8	2.12
PCB 126	13	38.5	<0.07 to <0.28	0.297	0.46	0.118	0.0237	1.6	0.0257	0.0286	0.035	0.098	0.29	0.782	1.15
PCB 127	13	46.2	<0.025 to <1.4	0.121	0.183	0.0596	0.0112	<1.4	0.0117	0.0121	0.0315	0.065	0.121	0.177	0.39
PCB 128 & 166	13	0	NA	11.8	12.5	4.84	0.38	37.1	0.596	0.778	1.3	2.8	22	24.4	29.5
PCB 129 & 138 & 163	13	0	NA	94.1	101	37.2	2.8	296	4.3	5.58	9.2	20.4	166	204	241
PCB 130	13	0	NA	5.05	5.34	2.05	0.16	15.5	0.232	0.3	0.55	1.2	9.8	10.8	12.7
PCB 131	13	38.5	<0.018 to <0.11	0.76	0.885	0.213	<0.018	2.79	0.0135	0.0178	0.0315	0.202	1.31	1.67	2.15
PCB 132	13	0	NA	24.4	26.7	8.94	0.54	81.3	0.936	1.24	1.9	5.82	43	52.4	64.8
PCB 133	13	0	NA	2.84	3.39	1.04	0.085	11.4	0.094	0.12	0.26	0.6	4.9	5.81	8.15
PCB 134 & 143	13	7.69	<1.1	2.72	3.35	1.04	0.091	10.6	0.144	0.186	0.28	0.755	5.16	6.46	8.27
PCB 135 & 151	13	0	NA	36.2	39.9	13.1	0.83	120	1.23	1.6	2.9	8.44	59.6	81.1	97.3
PCB 136	13	0	NA	11.3	12.6	3.75	0.2	37.4	0.314	0.408	0.7	2.88	18.3	26	30.8
PCB 137	13	0	NA	2.6	2.91	0.885	0.061	8.84	0.0904	0.114	0.14	0.523	4.79	5.48	6.87
PCB 139 & 140	13	0	NA	1.26	1.45	0.446	0.027	4.62	0.0444	0.0576	0.09	0.324	2.03	2.76	3.52
PCB 141	13	0	NA	14.9	16.9	5.07	0.3	52.6	0.51	0.672	0.8	3.69	27.1	32.9	41.4
PCB 142	13	92.3	<0.0014 to <1.1	0.0735	0.145	0.0272	<0.0014	<1.1	0.00472	0.00752	0.015	0.034	0.055	0.075	0.268
PCB 144	13	0	NA	3.19	3.64	1.08	0.057	11.6	0.107	0.14	0.19	0.988	5.67	6.93	8.97
PCB 145	13	53.8	<0.011 to <0.68	0.0604	0.092	0.0288	0.00702	<0.68	0.00641	0.00752	0.0132	0.026	0.073	0.124	0.218
PCB 146	13	0	NA	16.7	19.2	6.56	0.52	63.1	0.676	0.884	1.8	4	30.4	33.9	46
PCB 147 & 149	13	0	NA	70.6	75.5	27.3	1.9	214	2.86	3.72	6.7	17	120	167	189
PCB 148	13	7.69	<0.027	0.942	1.26	0.28	0.02	4.34	0.0174	0.0254	0.057	0.191	1.3	2.1	3.07
PCB 150	13	23.1	<0.018 to <0.63	0.498	0.674	0.146	0.011	2.09	0.0102	0.0114	0.035	0.12	0.67	1.49	1.82
PCB 152	13	46.2	<0.01 to <0.65	0.345	0.404	0.104	<0.01	1.2	0.0074	0.0098	0.0175	0.0856	0.59	0.847	0.995
PCB 153 & 168	13	0	NA	75.1	80.8	29.9	2.3	230	3.32	4.28	7.7	17.3	122	184	207
PCB 154	13	0	NA	3.76	4.92	1.25	0.096	15.4	0.0972	0.122	0.3	0.82	5	10.8	13.4
PCB 155	13	46.2	<0.014 to <0.76	0.145	0.164	0.0634	<0.014	<0.76	0.0121	0.0158	0.0195	0.0355	0.226	0.391	0.413
PCB 156 & 157	13	0	NA	10.9	12.1	4.23	0.32	37.3	0.584	0.768	0.99	2.6	20	22.8	28.6
PCB 158	13	0	NA	7.77	8.52	2.94	0.19	26.1	0.352	0.464	0.64	1.78	14	16.3	20.3
PCB 159	13	15.4	<0.0072 to <0.0094	0.688	0.879	0.129	0.0046	2.7	0.0042	0.00462	0.013	0.203	1.36	1.69	2.12
PCB 160	13	100	<0.001 to <0.83	0.0557	0.11	0.0175	<0.001	<0.83	0.000515	0.00172	0.012	0.0255	0.042	0.0566	0.202
PCB 161	13	100	<0.00086 to <0.73	0.0501	0.0963	0.0157	<0.00086	<0.73	0.000439	0.00146	0.0105	0.024	0.039	0.0561	0.182
PCB 162	13	0	NA	0.334	0.777	0.0806	0.0057	2.89	0.0119	0.017	0.0222	0.058	0.258	0.329	1.36
PCB 164	13	0	NA	5.83	6.33	2.23	0.16	18.8	0.256	0.33	0.49	1.28	10	12.8	15.3
PCB 165	13	30.8	<0.024 to <0.84	0.358	0.392	0.135	0.014	1.15	0.0132	0.0146	0.023	0.104	0.544	0.875	1

Table 21. Summary of sediment chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 167	13	0	NA	3.03	3.16	1.27	0.1	9.01	0.172	0.228	0.33	0.87	6.1	6.35	7.42
PCB 169	13	84.6	<0.00048 to <0.18	0.0741	0.135	0.0115	<0.00048	0.386	0.000347	0.000654	0.00365	0.0135	0.065	0.303	0.368
PCB 170	13	0	NA	22.3	23.9	9.14	0.89	70.2	1.2	1.42	2.3	6.2	42	50.2	58.9
PCB 171 & 173	13	0	NA	7.35	7.77	3.18	0.28	22.8	0.46	0.594	0.97	2	14.5	16.1	19
PCB 172	13	0	NA	4.64	5.1	2.01	0.19	16	0.298	0.384	0.64	1.4	8.47	9.82	12.3
PCB 174	13	0	NA	27.7	29.6	11.7	0.99	88.2	1.72	2.24	3.4	7.1	55.1	58	70.1
PCB 175	13	0	NA	1.04	1.17	0.43	0.036	3.79	0.0558	0.0718	0.12	0.27	1.97	2.1	2.78
PCB 176	13	0	NA	3.34	3.78	1.28	0.092	12.1	0.145	0.186	0.3	0.834	5.9	6.94	9.03
PCB 177	13	0	NA	19.6	21.1	8.38	0.74	64	1.14	1.48	2.8	5.4	37	41.9	50.9
PCB 178	13	0	NA	9.48	11.3	3.87	0.36	38.3	0.474	0.616	1.2	2.5	16.7	18.9	26.8
PCB 179	13	0	NA	14.1	16	5.57	0.45	51.4	0.666	0.848	1.5	3	27	28.9	38.1
PCB 180 & 193	13	0	NA	55	62.1	21.8	1.8	197	2.76	3.5	5.1	12.4	91.4	123	156
PCB 181	13	0	NA	0.207	0.228	0.0795	0.0073	0.663	0.0101	0.0124	0.018	0.044	0.398	0.474	0.556
PCB 182	13	0	NA	0.305	0.547	0.0967	0.011	2.04	0.0128	0.0156	0.0289	0.066	0.35	0.472	1.11
PCB 183	13	0	NA	14.9	16.6	6.13	0.47	52.6	0.788	1.04	1.7	3.5	28	31.1	39.9
PCB 184	13	38.5	<0.0011 to <0.023	0.0303	0.0436	0.00857	<0.0011	0.143	0.00058	0.00069	0.0023	0.00606	0.047	0.0838	0.113
PCB 185	13	53.8	<0.0011 to <0.041	0.667	1.91	0.0454	<0.0011	7	0.000745	0.003	0.014	0.0205	0.26	0.634	3.22
PCB 186	13	84.6	<0.000445 to <0.022	0.00732	0.0115	0.00261	<0.000445	0.041	0.000389	0.00051	0.00095	0.0022	0.007	0.0174	0.0278
PCB 187	13	0	NA	45.9	52.8	19.4	1.8	176	2.58	3.36	6.2	13	82.6	92.5	127
PCB 188	13	0	NA	0.257	0.341	0.0881	0.0079	1.11	0.00892	0.0111	0.021	0.06	0.39	0.691	0.903
PCB 189	13	0	NA	1.05	1.12	0.443	0.037	3.11	0.058	0.0764	0.12	0.32	1.99	2.54	2.82
PCB 190	13	0	NA	5.74	5.96	2.61	0.25	16.9	0.418	0.546	0.86	1.8	10.8	12.9	14.6
PCB 191	13	0	NA	0.877	0.936	0.39	0.035	2.74	0.062	0.0826	0.13	0.25	1.57	2.04	2.36
PCB 192	13	100	<0.00079 to <0.086	0.00951	0.0116	0.00448	<0.00079	<0.086	0.000518	0.00068	0.002	0.0065	0.013	0.0164	0.0274
PCB 194	13	0	NA	20.1	26.2	7.39	0.6	91.8	0.96	1.24	1.9	4.7	31	41.4	62.6
PCB 195	13	0	NA	6.76	8.09	2.62	0.21	27.1	0.306	0.402	0.7	1.5	12	14.2	19.7
PCB 196	13	0	NA	9.51	12.2	3.66	0.31	42.6	0.454	0.592	0.96	2.4	15.3	18.4	28.1
PCB 197	13	0	NA	0.482	0.693	0.174	0.017	2.53	0.0224	0.0272	0.042	0.106	0.7	0.873	1.56
PCB 198 & 199	13	0	NA	29.9	36.5	12.1	1.1	125	1.52	2.02	3.8	8.3	47.8	60.4	86.4
PCB 200	13	0	NA	3.43	4.5	1.13	0.091	15.6	0.126	0.152	0.19	0.623	5.3	7.11	10.7
PCB 201	13	0	NA	3.43	4.66	1.23	0.1	16.7	0.118	0.156	0.29	0.8	5.48	6.24	10.5
PCB 202	13	0	NA	8.94	11.3	3.33	0.28	38.8	0.346	0.454	0.91	2	14	18.8	27.3
PCB 203	13	0	NA	17.9	22.2	7.08	0.65	76.7	0.92	1.2	1.8	4.7	29.2	36	52.7
PCB 204	13	61.5	<0.0014 to <0.044	0.0156	0.0176	0.00661	<0.0014	0.045	0.00079	0.00098	0.00155	0.006	0.025	0.0428	0.0438
PCB 205	13	0	NA	1	1.23	0.394	0.034	4.23	0.046	0.0612	0.11	0.27	1.63	2.01	2.92
PCB 206	13	0	NA	32.5	37.5	12.7	1.1	118	1.28	1.8	3.67	9.5	52.3	78	96.1

Table 21. Summary of sediment chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 207	13	0	NA	3.1	3.83	1.12	0.095	12.8	0.098	0.132	0.29	0.81	5.3	6.73	9.24
PCB 208	13	0	NA	11.2	12	4.52	0.37	33.5	0.424	0.622	1.4	3.3	19.3	27.6	30.6
PCB 209	13	0	NA	27.4	28.5	10.9	0.84	74.3	1.12	1.4	2.7	8.7	55	66	70.5
Total PCBs - Homologs	13	0	NA	1440	1540	584	42	4710	79.8	105	139	364	2500	3000	3730
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	13	84.6	<0.0001 to <0.000234	0.000314	0.000825	0.0000973	<0.0001	0.00305	0.0000509	0.0000516	0.000052	0.0000605	0.0000955	0.00026	0.0014
Total TCDD	13	0	NA	0.00453	0.00403	0.00258	0.000321	0.0116	0.000422	0.000554	0.00102	0.00467	0.00786	0.00989	0.0107
1,2,3,7,8-PeCDD	13	46.2	<0.0000923 to <0.00067	0.000321	0.000284	0.000193	0.0000808	0.00087	0.0000497	0.0000534	0.000064	0.000335	0.000447	0.00068	0.00076
Total PeCDD	13	30.8	<0.000117 to <0.000159	0.00347	0.00365	0.000846	<0.000117	0.00932	0.0000618	0.0000641	0.0000795	0.00308	0.0062	0.00816	0.00864
1,2,3,4,7,8-HxCDD	13	15.4	<0.0000856 to <0.000113	0.000639	0.000505	0.000405	<0.0000856	0.00148	0.000051	0.0000768	0.000251	0.000516	0.00101	0.00136	0.00143
1,2,3,6,7,8-HxCDD	13	15.4	<0.000119 to <0.000195	0.00148	0.0012	0.000845	<0.000119	0.0035	0.0000823	0.00015	0.000418	0.00152	0.00235	0.00293	0.00319
1,2,3,7,8,9-HxCDD	13	0	NA	0.00216	0.00173	0.00137	0.000169	0.00505	0.000221	0.00028	0.000872	0.00196	0.00327	0.00469	0.00495
Total HxCDD	13	0	NA	0.0182	0.0152	0.0107	0.000816	0.0456	0.0012	0.00187	0.00474	0.0165	0.0273	0.0411	0.0444
1,2,3,4,6,7,8-HpCDD	13	0	NA	0.0524	0.0391	0.0333	0.00309	0.124	0.00369	0.0051	0.0294	0.041	0.0783	0.102	0.113
Total HpCDD	13	0	NA	0.123	0.0928	0.077	0.00626	0.297	0.00813	0.0116	0.0696	0.0983	0.188	0.237	0.265
Total OCDD	13	0	NA	1.23	0.862	0.779	0.0702	2.67	0.0802	0.105	0.743	0.992	1.93	2.22	2.41
2,3,7,8-TCDF	13	7.69	<0.00078	0.0132	0.0145	0.00633	<0.00078	0.0443	0.000834	0.0012	0.00188	0.00743	0.0144	0.0359	0.0403
Total TCDF	13	0	NA	0.0882	0.11	0.0437	0.00704	0.389	0.0071	0.00729	0.0125	0.0452	0.0948	0.21	0.297
1,2,3,7,8-PeCDF	13	0	NA	0.00343	0.0032	0.00187	0.000214	0.0101	0.000249	0.000307	0.000668	0.00314	0.00537	0.00752	0.0087
2,3,4,7,8-PeCDF	13	0	NA	0.00702	0.00642	0.00376	0.00043	0.0202	0.000474	0.00059	0.00153	0.00728	0.0106	0.0145	0.0171
Total PeCDF	13	0	NA	0.0703	0.0705	0.0328	0.00275	0.233	0.00286	0.0036	0.0126	0.0619	0.111	0.146	0.184
1,2,3,4,7,8-HxCDF	13	0	NA	0.0112	0.0104	0.00552	0.000541	0.0281	0.000655	0.000873	0.0018	0.00859	0.0216	0.0239	0.0257
1,2,3,6,7,8-HxCDF	13	0	NA	0.00309	0.00286	0.00159	0.000172	0.00855	0.000177	0.000225	0.000666	0.00348	0.00491	0.00669	0.00752
1,2,3,7,8,9-HxCDF	13	38.5	<0.0000924 to <0.000146	0.000289	0.00025	0.000182	0.0000843	0.00078	0.0000512	0.0000551	0.0000665	0.000266	0.000406	0.0006	0.00067
2,3,4,6,7,8-HxCDF	13	7.69	<0.000121	0.00158	0.00142	0.000818	<0.000121	0.00403	0.000101	0.000151	0.000343	0.00159	0.00274	0.00342	0.00372
Total HxCDF	13	0	NA	0.0362	0.0339	0.0174	0.00153	0.0958	0.00174	0.00229	0.00675	0.0396	0.0604	0.0828	0.09
1,2,3,4,6,7,8-HpCDF	13	7.69	<0.000898	0.0155	0.0152	0.00708	<0.000898	0.0418	0.000729	0.00108	0.0024	0.0107	0.0251	0.0375	0.04
1,2,3,4,7,8,9-HpCDF	13	0	NA	0.00274	0.0026	0.00133	0.000157	0.00646	0.000178	0.000227	0.000372	0.00166	0.00544	0.0062	0.00632
Total HpCDF	13	0	NA	0.0326	0.0317	0.0151	0.00108	0.0861	0.00161	0.00234	0.005	0.0221	0.0541	0.0787	0.0837
Total OCDF	13	0	NA	0.0286	0.0272	0.0131	0.00121	0.0717	0.00149	0.00204	0.00363	0.0191	0.0523	0.062	0.0662

Table 21. Summary of sediment chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Mean Quotients															
Mean PEC-Q_{METALS}	61	0	NA	0.0859	0.0424	0.0762	0.0177	0.237	0.034	0.0408	0.058	0.0774	0.109	0.134	0.166

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

Table 22. Soil chemistry data for sampling sites located in Reach SC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SL-SC01-01_P	SL-SC01-02_P	SL-SC01-03_P	SL-SC01-04_P	SL-SC01-05_S
Conventionals					
Clay (%)	6.3	8.3	19.5	11.4	9.9
Silt (%)	36	33.2	37.1	31.6	33.9
Fines (silt+clay; %)	42.3	41.5	56.6	43	43.8
Gravel (%)	6.9	2	6.8	3.2	0.1
Sand (%)	50.8	56.5	36.6	53.8	56.1
Solids (%)	90.6	86.7	73.8	86.1	75.9
Phosphorus (mg/kg)	188	242	485	549	240
Total Organic Carbon (%)	2.7	3.7	2.1	5.4	2.4
Metals (mg/kg DW)					
Aluminum	5240	9100	10500	14000	8330
Antimony	<0.100	<0.100	<0.100	0.484	<0.25
Arsenic	2.01	2.03	5.45	8.56	2.87
Barium	48.1	62.3	112	321	62.6
Beryllium	0.322	0.706	1.59	0.989	0.438
Cadmium	0.105	0.143	0.42	10.3	<0.25
Calcium	205	215	1890	7750	1920
Chromium	6.4	7.15	24.6	48.4	8.02
Cobalt	3.54	13.5	34.9	17.7	6.06
Copper	8.11	8.41	53.9	672	9.2
Iron	7420	8910	56600	68600	8640
Lead	42.2	48.8	66.3	820	51.9
Magnesium	240	336	638	3300	1330
Manganese	309	1010	1690	1490	454
Mercury	0.201	ND	ND	ND	0.123
Molybdenum	0.312	0.348	0.445	4.13	0.297
Nickel	3.2	4.94	40.8	79.8	4.19
Potassium	191	229	740	703	196
Selenium	0.378	0.488	0.55	1.07	0.607
Silver	<0.100	<0.100	<0.100	0.516	<0.25
Sodium	18.5	20.5	27.8	128	20.1
Thallium	0.108	0.301	0.44	0.334	<0.25

Table 22. Soil chemistry data for sampling sites located in Reach SC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SL-SC01-01_P	SL-SC01-02_P	SL-SC01-03_P	SL-SC01-04_P	SL-SC01-05_S
Metals (mg/kg DW; cont.)					
Vanadium	10	11	60.7	48.5	9.83
Zinc	34.6	48.5	129	2720	71.9
Polychlorinated Biphenyls (PCBs; µg/kg DW)					
Aroclor 1016	<2.22	<2.36	<2.74	<2.39	<1.31
Aroclor 1221	<2.32	<2.46	<2.86	<2.49	<1.31
Aroclor 1232	<2.32	<2.46	<2.86	<2.49	<1.31
Aroclor 1242	<2.32	<2.46	<2.86	<2.49	<1.31
Aroclor 1248	9.04	24	35.8	687	21.5
Aroclor 1254	43.1	129	130	1020	299
Aroclor 1260	264	444	90	600	353
Total PCBs - Aroclors	321	602	261	2310	676
PCB 001	ND	ND	ND	1.32	ND
PCB 002	ND	ND	ND	0.264	ND
PCB 003	ND	ND	ND	1.41	ND
PCB 004	ND	ND	ND	1.64	ND
PCB 005	ND	ND	ND	<0.087	ND
PCB 006	ND	ND	ND	1.14	ND
PCB 007	ND	ND	ND	0.14	ND
PCB 008	ND	ND	ND	4.6	ND
PCB 009	ND	ND	ND	0.208	ND
PCB 010	ND	ND	ND	<0.083	ND
PCB 011	ND	ND	ND	0.283	ND
PCB 012 & 013	ND	ND	ND	1.54	ND
PCB 014	ND	ND	ND	<0.07	ND
PCB 015	ND	ND	ND	30.8	ND
PCB 016	ND	ND	ND	4.99	ND
PCB 017	ND	ND	ND	8.27	ND
PCB 018 & 030	ND	ND	ND	14	ND
PCB 019	ND	ND	ND	1.16	ND
PCB 020 & 028	ND	ND	ND	127	ND

Table 22. Soil chemistry data for sampling sites located in Reach SC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SL-SC01-01_P	SL-SC01-02_P	SL-SC01-03_P	SL-SC01-04_P	SL-SC01-05_S
PCBs (µg/kg DW; cont.)					
PCB 021 & 033	ND	ND	ND	11.2	ND
PCB 022	ND	ND	ND	32.2	ND
PCB 023	ND	ND	ND	<0.056	ND
PCB 024	ND	ND	ND	0.147	ND
PCB 025	ND	ND	ND	5.33	ND
PCB 026 & 029	ND	ND	ND	9.63	ND
PCB 027	ND	ND	ND	2.4	ND
PCB 031	ND	ND	ND	49.9	ND
PCB 032	ND	ND	ND	14	ND
PCB 034	ND	ND	ND	0.122	ND
PCB 035	ND	ND	ND	2.3	ND
PCB 036	ND	ND	ND	<0.054	ND
PCB 037	ND	ND	ND	69.9	ND
PCB 038	ND	ND	ND	0.089	ND
PCB 039	ND	ND	ND	0.496	ND
PCB 040 & 041 & 071	ND	ND	ND	57.4	ND
PCB 042	ND	ND	ND	31.7	ND
PCB 043	ND	ND	ND	2.94	ND
PCB 044 & 047 & 065	ND	ND	ND	85.5	ND
PCB 045 & 051	ND	ND	ND	10.7	ND
PCB 046	ND	ND	ND	2.59	ND
PCB 048	ND	ND	ND	13.5	ND
PCB 049 & 069	ND	ND	ND	60	ND
PCB 050 & 053	ND	ND	ND	8.25	ND
PCB 052	ND	ND	ND	98.1	ND
PCB 054	ND	ND	ND	0.098	ND
PCB 055	ND	ND	ND	1.61	ND
PCB 056	ND	ND	ND	102	ND
PCB 057	ND	ND	ND	0.367	ND
PCB 058	ND	ND	ND	<0.095	ND
PCB 059 & 062 & 075	ND	ND	ND	11	ND
PCB 060	ND	ND	ND	43	ND

Table 22. Soil chemistry data for sampling sites located in Reach SC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SL-SC01-01_P	SL-SC01-02_P	SL-SC01-03_P	SL-SC01-04_P	SL-SC01-05_S
PCBs (µg/kg DW; cont.)					
PCB 061 & 070 & 074 & 076	ND	ND	ND	180	ND
PCB 063	ND	ND	ND	3.97	ND
PCB 064	ND	ND	ND	69.4	ND
PCB 066	ND	ND	ND	151	ND
PCB 067	ND	ND	ND	3.64	ND
PCB 068	ND	ND	ND	0.468	ND
PCB 072	ND	ND	ND	0.661	ND
PCB 073	ND	ND	ND	<0.014	ND
PCB 077	ND	ND	ND	32.5	ND
PCB 078	ND	ND	ND	<0.096	ND
PCB 079	ND	ND	ND	1.69	ND
PCB 080	ND	ND	ND	<0.087	ND
PCB 081	ND	ND	ND	1.27	ND
PCB 082	ND	ND	ND	15.6	ND
PCB 083 & 099	ND	ND	ND	55	ND
PCB 084	ND	ND	ND	20.5	ND
PCB 085 & 116 & 117	ND	ND	ND	27.1	ND
PCB 086 & 087 & 097 & 109 & 119 & 125	ND	ND	ND	66.8	ND
PCB 088 & 091	ND	ND	ND	13.7	ND
PCB 089	ND	ND	ND	1.24	ND
PCB 090 & 101 & 113	ND	ND	ND	85.7	ND
PCB 092	ND	ND	ND	15.7	ND
PCB 093 & 098 & 100 & 102	ND	ND	ND	4.16	ND
PCB 094	ND	ND	ND	0.534	ND
PCB 095	ND	ND	ND	56.3	ND
PCB 096	ND	ND	ND	0.663	ND
PCB 103	ND	ND	ND	0.321	ND
PCB 104	ND	ND	ND	<0.023	ND
PCB 105	ND	ND	ND	67.7	ND
PCB 106	ND	ND	ND	<0.035	ND
PCB 107	ND	ND	ND	8.36	ND
PCB 108 & 124	ND	ND	ND	4.14	ND

Table 22. Soil chemistry data for sampling sites located in Reach SC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SL-SC01-01_P	SL-SC01-02_P	SL-SC01-03_P	SL-SC01-04_P	SL-SC01-05_S
PCBs (µg/kg DW; cont.)					
PCB 110 & 115	ND	ND	ND	134	ND
PCB 111	ND	ND	ND	0.055	ND
PCB 112	ND	ND	ND	<0.036	ND
PCB 114	ND	ND	ND	2.51	ND
PCB 118	ND	ND	ND	106	ND
PCB 120	ND	ND	ND	0.17	ND
PCB 121	ND	ND	ND	0.039	ND
PCB 122	ND	ND	ND	2.11	ND
PCB 123	ND	ND	ND	3.22	ND
PCB 126	ND	ND	ND	0.99	ND
PCB 127	ND	ND	ND	0.147	ND
PCB 128 & 166	ND	ND	ND	22.4	ND
PCB 129 & 138 & 163	ND	ND	ND	158	ND
PCB 130	ND	ND	ND	7.73	ND
PCB 131	ND	ND	ND	1.2	ND
PCB 132	ND	ND	ND	35	ND
PCB 133	ND	ND	ND	1.45	ND
PCB 134 & 143	ND	ND	ND	4.17	ND
PCB 135 & 151	ND	ND	ND	36.7	ND
PCB 136	ND	ND	ND	11.8	ND
PCB 137	ND	ND	ND	6.08	ND
PCB 139 & 140	ND	ND	ND	1.72	ND
PCB 141	ND	ND	ND	25.3	ND
PCB 142	ND	ND	ND	<0.095	ND
PCB 144	ND	ND	ND	4.65	ND
PCB 145	ND	ND	ND	0.042	ND
PCB 146	ND	ND	ND	18.2	ND
PCB 147 & 149	ND	ND	ND	83.2	ND
PCB 148	ND	ND	ND	0.089	ND
PCB 150	ND	ND	ND	0.072	ND
PCB 152	ND	ND	ND	0.076	ND
PCB 153 & 168	ND	ND	ND	104	ND

Table 22. Soil chemistry data for sampling sites located in Reach SC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SL-SC01-01_P	SL-SC01-02_P	SL-SC01-03_P	SL-SC01-04_P	SL-SC01-05_S
PCBs (µg/kg DW; cont.)					
PCB 154	ND	ND	ND	0.629	ND
PCB 155	ND	ND	ND	<0.015	ND
PCB 156 & 157	ND	ND	ND	16.9	ND
PCB 158	ND	ND	ND	13.4	ND
PCB 159	ND	ND	ND	0.976	ND
PCB 160	ND	ND	ND	<0.068	ND
PCB 161	ND	ND	ND	<0.062	ND
PCB 162	ND	ND	ND	0.37	ND
PCB 164	ND	ND	ND	8.86	ND
PCB 165	ND	ND	ND	<0.069	ND
PCB 167	ND	ND	ND	5.24	ND
PCB 169	ND	ND	ND	<0.028	ND
PCB 170	ND	ND	ND	28	ND
PCB 171 & 173	ND	ND	ND	8.29	ND
PCB 172	ND	ND	ND	5.71	ND
PCB 174	ND	ND	ND	33.6	ND
PCB 175	ND	ND	ND	1.34	ND
PCB 176	ND	ND	ND	3.29	ND
PCB 177	ND	ND	ND	19.4	ND
PCB 178	ND	ND	ND	8.38	ND
PCB 179	ND	ND	ND	14.9	ND
PCB 180 & 193	ND	ND	ND	74.2	ND
PCB 181	ND	ND	ND	0.301	ND
PCB 182	ND	ND	ND	0.29	ND
PCB 183	ND	ND	ND	21.8	ND
PCB 184	ND	ND	ND	0.058	ND
PCB 185	ND	ND	ND	<0.047	ND
PCB 186	ND	ND	ND	<0.015	ND
PCB 187	ND	ND	ND	62.2	ND
PCB 188	ND	ND	ND	0.143	ND
PCB 189	ND	ND	ND	1.23	ND
PCB 190	ND	ND	ND	5.85	ND

Table 22. Soil chemistry data for sampling sites located in Reach SC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SL-SC01-01_P	SL-SC01-02_P	SL-SC01-03_P	SL-SC01-04_P	SL-SC01-05_S
PCBs (µg/kg DW; cont.)					
PCB 191	ND	ND	ND	0.985	ND
PCB 192	ND	ND	ND	<0.041	ND
PCB 194	ND	ND	ND	32.9	ND
PCB 195	ND	ND	ND	7.59	ND
PCB 196	ND	ND	ND	21	ND
PCB 197	ND	ND	ND	0.769	ND
PCB 198 & 199	ND	ND	ND	131	ND
PCB 200	ND	ND	ND	6.4	ND
PCB 201	ND	ND	ND	9.27	ND
PCB 202	ND	ND	ND	59.1	ND
PCB 203	ND	ND	ND	67.3	ND
PCB 204	ND	ND	ND	0.28	ND
PCB 205	ND	ND	ND	1.75	ND
PCB 206	ND	ND	ND	480	ND
PCB 207	ND	ND	ND	34.7	ND
PCB 208	ND	ND	ND	206	ND
PCB 209	ND	ND	ND	766	ND
Total PCBs - Homologs	ND	ND	ND	4750	ND
Dioxins and Furans (µg/kg DW)					
Total TCDD	ND	ND	ND	0.0116	ND
2,3,7,8-TCDD	ND	ND	ND	0.00155	ND
Total PeCDD	ND	ND	ND	0.0538	ND
1,2,3,7,8-PeCDD	ND	ND	ND	0.00457	ND
Total HxCDD	ND	ND	ND	0.191	ND
1,2,3,4,7,8-HxCDD	ND	ND	ND	0.00501	ND
1,2,3,6,7,8-HxCDD	ND	ND	ND	0.0236	ND
1,2,3,7,8,9-HxCDD	ND	ND	ND	0.0225	ND
Total HpCDD	ND	ND	ND	0.772	ND
1,2,3,4,6,7,8-HpCDD	ND	ND	ND	0.434	ND
Total OCDD	ND	ND	ND	3.55	ND
Total TCDF	ND	ND	ND	0.217	ND

Table 22. Soil chemistry data for sampling sites located in Reach SC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SL-SC01-01_P	SL-SC01-02_P	SL-SC01-03_P	SL-SC01-04_P	SL-SC01-05_S
Dioxins and Furans (µg/kg DW; cont.)					
2,3,7,8-TCDF	ND	ND	ND	0.0465	ND
Total PeCDF	ND	ND	ND	0.376	ND
1,2,3,7,8-PeCDF	ND	ND	ND	0.0246	ND
2,3,4,7,8-PeCDF	ND	ND	ND	<0.000109	ND
Total HxCDF	ND	ND	ND	0.381	ND
1,2,3,4,7,8-HxCDF	ND	ND	ND	0.0679	ND
1,2,3,6,7,8-HxCDF	ND	ND	ND	0.0418	ND
1,2,3,7,8,9-HxCDF	ND	ND	ND	0.00197	ND
2,3,4,6,7,8-HxCDF	ND	ND	ND	<0.0000996	ND
Total HpCDF	ND	ND	ND	0.426	ND
1,2,3,4,6,7,8-HpCDF	ND	ND	ND	0.262	ND
1,2,3,4,7,8,9-HpCDF	ND	ND	ND	0.0202	ND
Total OCDF	ND	ND	ND	0.23	ND

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SL-CC01-01_P	SL-CC01-02_P	SL-CC01-03_P	SL-CC01-04_P	SL-CC01-05_P	SL-CC01-06_P	SL-CC01-07_S	SL-CC01-08_S
Conventionals								
Clay (%)	10.7	11.3	10.8	8.3	10.6	12.2	8.2	10.2
Silt (%)	44.4	38.5	40.1	31.5	49.7	44.6	37.9	35.2
Fines (silt+clay; %)	55.1	49.8	50.9	39.8	60.3	56.8	46.1	45.4
Gravel (%)	0.3	0.1	0.2	0.4	0	0	0.2	0
Sand (%)	44.6	50.1	48.9	59.8	39.7	43.2	53.7	54.6
Solids (%)	78.2	78.5	77.7	79.8	76.3	67.1	59	82.4
Phosphorus (mg/kg)	1540	997	813	607	874	825	1040	691
Total Organic Carbon (%)	3.1	1.9	3.1	1.8	3.8	2	3.3	2
Metals (mg/kg DW)								
Aluminum	8050	7560	7860	6490	8050	7410	6850	6190
Antimony	<0.100	<0.100	<0.100	0.137	<0.100	<0.100	<0.25	<0.25
Arsenic	10.7	4.23	4.3	4.22	4.47	4.43	3.77	4.23
Barium	140	117	114	103	123	121	110	112
Beryllium	0.826	0.841	0.745	0.83	0.862	0.846	0.621	0.637
Cadmium	0.766	0.834	0.678	0.575	0.807	0.708	0.651	0.68
Calcium	4300	5500	5340	8000	4990	3050	3730	3760
Chromium	38.2	35	35.5	24	30.6	29	30.2	22.5
Cobalt	15.3	11.1	9.57	9.92	12.3	11.9	9.67	10.8
Copper	65.3	54.4	62.5	50.9	54.3	49.8	46.3	51.3
Iron	31600	20200	19200	19200	20800	20000	20500	20500
Lead	135	137	119	81	140	123	141	109
Magnesium	1020	1350	1940	3500	1580	993	981	1240
Manganese	992	795	731	729	877	841	659	817
Mercury	5.43	4.5	1.77	ND	2.82	2.1	2.29	1.54
Molybdenum	0.971	0.558	0.548	0.588	0.618	0.529	0.394	0.486
Nickel	21.1	19	19	14	16.7	17.3	15.2	17.3
Potassium	764	803	781	617	837	725	656	613
Selenium	0.499	0.533	0.504	0.392	0.537	0.463	0.546	0.466
Silver	0.256	0.3	0.374	0.709	0.297	0.277	<0.25	0.353
Sodium	39.4	33.4	32.4	38.9	34.2	28.9	21.8	23.1
Thallium	0.261	0.209	0.218	0.18	0.245	0.226	<0.25	<0.25

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SL-CC01-01_P	SL-CC01-02_P	SL-CC01-03_P	SL-CC01-04_P	SL-CC01-05_P	SL-CC01-06_P	SL-CC01-07_S	SL-CC01-08_S
Metals (mg/kg DW; cont.)								
Vanadium	29.7	21.4	20.8	20.1	23.3	21.1	16.5	16
Zinc	277	280	222	203	270	221	257	237
Polychlorinated Biphenyls (PCBs; µg/kg DW)								
Aroclor 1016	<2.63	<2.58	<2.63	<2.54	<2.68	<3.06	<1.68	<1.21
Aroclor 1221	<2.75	<2.69	<2.74	<2.66	<2.80	<3.19	<1.68	<1.21
Aroclor 1232	<2.75	<2.69	<2.74	<2.66	<2.80	<3.19	<1.68	<1.21
Aroclor 1242	<2.75	<2.69	<2.74	<2.66	<2.80	<3.19	<1.68	<1.21
Aroclor 1248	13200	9180	6710	<2.66	10600	6870	16200	2090
Aroclor 1254	25200	16200	13900	3270	22500	12600	32400	19700
Aroclor 1260	2290	8960	8390	5080	12500	6280	14000	8490
Total PCBs - Aroclors	40700	34300	29000	8360	45600	25800	62600	30300
PCB 001	ND	59	31.9	78.8	45.2	32.1	ND	ND
PCB 002	ND	4.41	2.46	<2.1	2.95	2.15	ND	ND
PCB 003	ND	46.6	30.9	49.5	40.8	25.6	ND	ND
PCB 004	ND	50.7	28.2	73.4	39.2	29.5	ND	ND
PCB 005	ND	<2.8	<0.35	0.47	<0.59	<0.37	ND	ND
PCB 006	ND	17.6	8.61	14.5	13.1	8.64	ND	ND
PCB 007	ND	<3.4	1.62	2.43	2.29	1.64	ND	ND
PCB 008	ND	60.6	30.5	61.8	44.7	30.1	ND	ND
PCB 009	ND	<5.1	<1.6	2.22	<2.5	1.63	ND	ND
PCB 010	ND	2.28	1.36	2.62	1.79	1.22	ND	ND
PCB 011	ND	<0.82	1.14	<0.9	<0.85	1.61	ND	ND
PCB 012 & 013	ND	13.9	6.38	7.83	<9	7.4	ND	ND
PCB 014	ND	<0.59	<0.15	<0.11	<0.53	<0.33	ND	ND
PCB 015	ND	177	101	106	169	122	ND	ND
PCB 016	ND	26.5	8.67	8.74	17	7.77	ND	ND
PCB 017	ND	30.5	14.5	41.7	27.7	18	ND	ND
PCB 018 & 030	ND	55.6	20.5	23.1	35.5	19.8	ND	ND
PCB 019	ND	9.66	6.27	23.9	13.9	8.74	ND	ND
PCB 020 & 028	ND	253	131	117	231	223	ND	ND

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SL-CC01-01_P	SL-CC01-02_P	SL-CC01-03_P	SL-CC01-04_P	SL-CC01-05_P	SL-CC01-06_P	SL-CC01-07_S	SL-CC01-08_S
PCBs (µg/kg DW; cont.)								
PCB 021 & 033	ND	52.8	17.5	16.6	31.1	17.6	ND	ND
PCB 022	ND	58.6	25.5	21.4	46.3	41.8	ND	ND
PCB 023	ND	<0.14	<0.21	<0.026	<0.076	<0.84	ND	ND
PCB 024	ND	<0.14	<0.18	<0.029	<0.14	<0.35	ND	ND
PCB 025	ND	24.6	14.1	22.3	24	23.2	ND	ND
PCB 026 & 029	ND	51	24.4	31.4	43.4	36	ND	ND
PCB 027	ND	17.5	8.25	15.4	15	12.1	ND	ND
PCB 031	ND	187	97.3	80.7	168	144	ND	ND
PCB 032	ND	45.1	21.5	37.2	38.7	29.5	ND	ND
PCB 034	ND	0.62	0.4	0.786	0.693	<0.84	ND	ND
PCB 035	ND	3.97	2.01	1.83	3.55	2.41	ND	ND
PCB 036	ND	<0.12	15.5	<0.023	<0.066	<0.73	ND	ND
PCB 037	ND	203	110	78.4	191	163	ND	ND
PCB 038	ND	<0.72	<0.32	0.36	0.689	<0.86	ND	ND
PCB 039	ND	1.49	0.94	1.04	1.81	1.28	ND	ND
PCB 040 & 041 & 071	ND	336	118	111	220	248	ND	ND
PCB 040 & 071	ND	ND	ND	ND	ND	ND	ND	ND
PCB 041	ND	ND	ND	ND	ND	ND	ND	ND
PCB 042	ND	267	111	94.1	197	204	ND	ND
PCB 043	ND	13.5	4.7	3.32	7.75	6.02	ND	ND
PCB 044 & 047 & 065	ND	1080	405	393	797	789	ND	ND
PCB 045	ND	ND	ND	ND	ND	ND	ND	ND
PCB 045 & 051	ND	44	17.4	31.4	36.3	28	ND	ND
PCB 046	ND	16	5.84	5.32	10.8	8.06	ND	ND
PCB 048	ND	29.1	12.5	10.6	21	17.4	ND	ND
PCB 049 & 069	ND	1020	475	364	843	782	ND	ND
PCB 050 & 053	ND	74.8	24.6	36.6	54.3	46	ND	ND
PCB 051	ND	ND	ND	ND	ND	ND	ND	ND
PCB 052	ND	1840	825	593	1570	1360	ND	ND
PCB 054	ND	0.85	0.55	3.83	2.26	0.98	ND	ND
PCB 055	ND	<0.47	<1.2	<0.0082	<0.15	<1.2	ND	ND
PCB 056	ND	606	326	177	590	580	ND	ND

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SL-CC01-01_P	SL-CC01-02_P	SL-CC01-03_P	SL-CC01-04_P	SL-CC01-05_P	SL-CC01-06_P	SL-CC01-07_S	SL-CC01-08_S
PCBs (µg/kg DW; cont.)								
PCB 057	ND	82.9	1.2	<0.0078	<0.14	1.8	ND	ND
PCB 058	ND	<0.43	<1.1	<0.0076	<0.13	1.6	ND	ND
PCB 059 & 062 & 075	ND	78.6	31.8	31.1	57	52.6	ND	ND
PCB 060	ND	173	90.6	48.6	149	159	ND	ND
PCB 061 & 070 & 074 & 076	ND	1680	951	503	1620	1470	ND	ND
PCB 063	ND	32.9	17.4	13.6	29.8	26.9	ND	ND
PCB 064	ND	546	263	194	430	372	ND	ND
PCB 066	ND	1840	1050	522	1950	1630	ND	ND
PCB 067	ND	16.4	7.7	6.96	13	10.6	ND	ND
PCB 068	ND	7.78	5.1	7.58	10	9.9	ND	ND
PCB 072	ND	12.3	7.9	8.75	14.5	13.3	ND	ND
PCB 073	ND	<0.077	<0.2	<0.0076	<0.038	<0.25	ND	ND
PCB 077	ND	286	179	83.6	300	274	ND	ND
PCB 078	ND	<0.47	<1.2	<0.0083	<0.15	<1.2	ND	ND
PCB 079	ND	27.6	10.6	8.05	25.8	22.8	ND	ND
PCB 080	ND	<0.42	<1.1	<0.0075	<0.13	<1.1	ND	ND
PCB 081	ND	<6.6	4	<2.2	<6.2	5.7	ND	ND
PCB 082	ND	268	133	77	217	232	ND	ND
PCB 083	ND	ND	ND	ND	ND	ND	ND	ND
PCB 083 & 099	ND	1480	780	480	1320	1220	ND	ND
PCB 084	ND	395	149	120	282	291	ND	ND
PCB 085 & 116 & 117	ND	476	280	140	451	419	ND	ND
PCB 086 & 087 & 097 & 108 & 119 & 125	ND	ND	ND	ND	ND	ND	ND	ND
PCB 086 & 087 & 097 & 109 & 119 & 125	ND	1670	877	483	1450	1380	ND	ND
PCB 088 & 091	ND	289	141	109	248	239	ND	ND
PCB 089	ND	15.8	5.88	5.02	10.4	12.5	ND	ND
PCB 090 & 101 & 113	ND	2310	1190	741	2080	1830	ND	ND
PCB 092	ND	427	224	148	381	348	ND	ND
PCB 093 & 098 & 100 & 102	ND	73.3	32.5	42.9	61.4	67.8	ND	ND
PCB 093 & 100	ND	ND	ND	ND	ND	ND	ND	ND
PCB 094	ND	8.25	3.82	4.49	7.08	7.3	ND	ND
PCB 095	ND	1470	648	452	1190	1080	ND	ND

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SL-CC01-01_P	SL-CC01-02_P	SL-CC01-03_P	SL-CC01-04_P	SL-CC01-05_P	SL-CC01-06_P	SL-CC01-07_S	SL-CC01-08_S
PCBs (µg/kg DW; cont.)								
PCB 096	ND	5.99	2.4	4.13	5.31	4.88	ND	ND
PCB 098 & 102	ND	ND	ND	ND	ND	ND	ND	ND
PCB 099	ND	ND	ND	ND	ND	ND	ND	ND
PCB 103	ND	12.6	6.49	9.44	12.3	12.1	ND	ND
PCB 104	ND	0.181	<0.2	0.976	0.547	0.45	ND	ND
PCB 105	ND	1440	907	395	1470	1330	ND	ND
PCB 106	ND	<0.078	<0.71	<0.017	<0.087	<0.7	ND	ND
PCB 107	ND	175	102	61.7	181	165	ND	ND
PCB 107 & 124	ND	ND	ND	ND	ND	ND	ND	ND
PCB 108 & 124	ND	96.5	58.7	28	94.9	84.5	ND	ND
PCB 109	ND	ND	ND	ND	ND	ND	ND	ND
PCB 110 & 115	ND	3130	1740	973	2910	2650	ND	ND
PCB 111	ND	1.96	1.33	0.988	1.82	2.12	ND	ND
PCB 112	ND	<0.041	<0.26	<0.0035	<0.03	<0.19	ND	ND
PCB 114	ND	39.7	25	13.2	35.8	33	ND	ND
PCB 118	ND	2580	1510	754	2430	2250	ND	ND
PCB 120	ND	4.27	2.77	2.96	4.61	5.14	ND	ND
PCB 121	ND	0.711	0.45	0.88	0.808	0.84	ND	ND
PCB 122	ND	46.5	29.6	12.7	45.3	44.5	ND	ND
PCB 123	ND	61.8	45.6	11.9	57.1	54.3	ND	ND
PCB 126	ND	2.54	6.52	1.58	4.93	34.2	ND	ND
PCB 127	ND	3.51	3.05	1.08	3.17	2.69	ND	ND
PCB 128 & 166	ND	505	324	167	521	443	ND	ND
PCB 129 & 138 & 163	ND	3450	2210	1200	3430	3020	ND	ND
PCB 130	ND	173	110	60.1	170	158	ND	ND
PCB 131	ND	24.9	13.6	8.77	21.6	21	ND	ND
PCB 132	ND	881	519	308	822	740	ND	ND
PCB 133	ND	38.7	24.4	21.4	40	35.1	ND	ND
PCB 134 & 143	ND	124	74.1	42.8	107	110	ND	ND
PCB 135 & 151	ND	962	561	377	909	788	ND	ND
PCB 136	ND	300	157	116	261	227	ND	ND
PCB 137	ND	98.6	62.6	32.3	96.2	83	ND	ND

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SL-CC01-01_P	SL-CC01-02_P	SL-CC01-03_P	SL-CC01-04_P	SL-CC01-05_P	SL-CC01-06_P	SL-CC01-07_S	SL-CC01-08_S
PCBs (µg/kg DW; cont.)								
PCB 139 & 140	ND	32.1	18.6	13.9	29.9	28.5	ND	ND
PCB 141	ND	503	312	177	481	387	ND	ND
PCB 142	ND	<0.54	<1.8	0.172	<0.31	<2.5	ND	ND
PCB 144	ND	88.9	46.9	32.4	76.7	69.8	ND	ND
PCB 145	ND	<0.57	<0.11	0.37	<0.55	<0.18	ND	ND
PCB 146	ND	379	229	162	372	342	ND	ND
PCB 147 & 149	ND	2230	1340	843	2110	1880	ND	ND
PCB 148	ND	4.79	3.18	5.48	5.5	5.61	ND	ND
PCB 150	ND	1.71	1.39	1.88	1.98	2.25	ND	ND
PCB 152	ND	<1.3	<0.95	1.36	1.92	1.73	ND	ND
PCB 153 & 168	ND	2350	1450	869	2290	2010	ND	ND
PCB 154	ND	28.6	17.9	24.6	30.2	30.8	ND	ND
PCB 155	ND	<0.089	<0.15	<0.19	0.185	<0.25	ND	ND
PCB 156 & 157	ND	423	297	134	418	392	ND	ND
PCB 158	ND	230	145	83.1	221	213	ND	ND
PCB 159	ND	35.6	22.7	13.4	37.5	28.8	ND	ND
PCB 160	ND	<0.41	<1.4	<0.051	<0.23	<1.9	ND	ND
PCB 161	ND	<0.38	<1.2	<0.046	<0.21	<1.7	ND	ND
PCB 162	ND	4.91	3.41	1.68	5.24	6.34	ND	ND
PCB 164	ND	216	139	74.6	218	188	ND	ND
PCB 165	ND	1.61	<1.3	1.95	2.01	1.8	ND	ND
PCB 167	ND	113	74.4	38.4	109	99.7	ND	ND
PCB 169	ND	<0.1	<0.44	<0.031	<0.12	<0.77	ND	ND
PCB 170	ND	579	385	218	553	494	ND	ND
PCB 171 & 173	ND	147	91.9	61.3	137	128	ND	ND
PCB 172	ND	91.8	59.2	37.6	90.4	75	ND	ND
PCB 174	ND	715	459	274	682	589	ND	ND
PCB 175	ND	15.5	9.32	7.13	13.7	14.1	ND	ND
PCB 176	ND	61.3	35.8	27.9	54.7	52	ND	ND
PCB 177	ND	394	254	168	384	338	ND	ND
PCB 178	ND	152	95.6	72.5	148	128	ND	ND
PCB 179	ND	316	191	127	285	255	ND	ND

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SL-CC01-01_P	SL-CC01-02_P	SL-CC01-03_P	SL-CC01-04_P	SL-CC01-05_P	SL-CC01-06_P	SL-CC01-07_S	SL-CC01-08_S
PCBs (µg/kg DW; cont.)								
PCB 180 & 193	ND	1210	801	514	1100	1010	ND	ND
PCB 181	ND	4.73	3	1.76	4.73	4.12	ND	ND
PCB 182	ND	2.43	1.68	1.54	2.28	2.79	ND	ND
PCB 183	ND	254	153	108	231	211	ND	ND
PCB 184	ND	<0.12	<0.091	<0.084	<0.14	<0.14	ND	ND
PCB 185	ND	59.5	37.2	22.6	54.7	48.2	ND	ND
PCB 186	ND	<0.13	<0.1	0.044	<0.038	<0.16	ND	ND
PCB 187	ND	924	583	387	889	779	ND	ND
PCB 188	ND	<0.43	0.37	0.541	0.67	0.7	ND	ND
PCB 189	ND	27.5	19.5	10.4	27.8	25.9	ND	ND
PCB 190	ND	140	93.3	55.2	146	121	ND	ND
PCB 191	ND	16.2	9.97	6.8	15	14.1	ND	ND
PCB 192	ND	<0.17	<0.38	<0.034	<0.098	<0.51	ND	ND
PCB 194	ND	370	231	152	364	321	ND	ND
PCB 195	ND	143	87.7	58.5	143	127	ND	ND
PCB 196	ND	142	83.6	64.9	130	128	ND	ND
PCB 197	ND	6.44	4.12	4.47	3.66	4.81	ND	ND
PCB 198 & 199	ND	590	376	244	572	517	ND	ND
PCB 200	ND	59.3	35.7	22.6	57.7	58.4	ND	ND
PCB 201	ND	43.7	25.9	21.5	38.4	41.6	ND	ND
PCB 202	ND	158	98.8	68.9	159	138	ND	ND
PCB 203	ND	370	235	154	359	327	ND	ND
PCB 204	ND	<0.061	<0.14	0.067	0.112	0.115	ND	ND
PCB 205	ND	20	12.7	7.91	19.2	19.3	ND	ND
PCB 206	ND	512	360	275	539	481	ND	ND
PCB 207	ND	33	23.6	18.9	33.8	31.4	ND	ND
PCB 208	ND	165	112	100	168	138	ND	ND
PCB 209	ND	284	223	692	352	280	ND	ND
Total PCBs - Homologs	ND	38300	22400	14600	36700	32400	ND	ND
Dioxins and Furans (µg/kg DW)								
Total TCDD	ND	0.00422	0.00172	0.0066	0.00327	0.00741	ND	ND

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]							
	SL-CC01-01_P	SL-CC01-02_P	SL-CC01-03_P	SL-CC01-04_P	SL-CC01-05_P	SL-CC01-06_P	SL-CC01-07_S	SL-CC01-08_S
Dioxins and Furans (µg/kg DW; cont.)								
2,3,7,8-TCDD	ND	0.000702	0.000564	0.000757	0.000932	0.000626	ND	ND
Total PeCDD	ND	0.0193	0.0189	0.0251	0.0238	0.0278	ND	ND
1,2,3,7,8-PeCDD	ND	0.00211	0.00193	0.00231	0.00294	0.00204	ND	ND
Total HxCDD	ND	0.0913	0.0817	0.102	0.119	0.0894	ND	ND
1,2,3,4,7,8-HxCDD	ND	0.00285	0.00216	0.00322	0.00328	0.00275	ND	ND
1,2,3,6,7,8-HxCDD	ND	0.0113	0.00997	0.00948	0.015	0.0113	ND	ND
1,2,3,7,8,9-HxCDD	ND	0.0102	0.00757	0.0125	0.0129	0.0102	ND	ND
Total HpCDD	ND	0.63	0.526	0.526	0.848	0.625	ND	ND
1,2,3,4,6,7,8-HpCDD	ND	0.325	0.251	0.234	0.432	0.305	ND	ND
Total OCDD	ND	2.92	2.65	2.12	3.67	2.85	ND	ND
Total TCDF	ND	0.378	0.161	0.141	0.25	0.482	ND	ND
2,3,7,8-TCDF	ND	0.059	0.0338	0.0233	0.0509	0.0404	ND	ND
Total PeCDF	ND	0.822	0.541	0.348	0.766	0.702	ND	ND
1,2,3,7,8-PeCDF	ND	0.0412	0.0235	0.0136	0.0346	0.0301	ND	ND
2,3,4,7,8-PeCDF	ND	0.134	0.0874	0.045	0.124	0.115	ND	ND
Total HxCDF	ND	0.481	0.368	0.241	0.473	0.481	ND	ND
1,2,3,4,7,8-HxCDF	ND	0.204	0.139	0.0853	0.201	0.178	ND	ND
1,2,3,6,7,8-HxCDF	ND	<0.048	0.0332	0.0193	0.0476	0.0424	ND	ND
1,2,3,7,8,9-HxCDF	ND	0.00401	0.00286	<0.00134	0.00456	0.00341	ND	ND
2,3,4,6,7,8-HxCDF	ND	0.0259	0.0172	0.0126	0.0226	0.0236	ND	ND
Total HpCDF	ND	0.429	0.166	0.13	0.481	0.241	ND	ND
1,2,3,4,6,7,8-HpCDF	ND	0.177	<0.121	<0.119	0.188	<0.174	ND	ND
1,2,3,4,7,8,9-HpCDF	ND	0.0674	0.0397	0.0213	0.0665	0.058	ND	ND
Total OCDF	ND	<0.392	0.272	0.224	<0.475	0.331	ND	ND

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC01-09_S	SL-CC01-10_S	SL-CC01-11_S	SL-CC01-12_S	SL-CC01-13_S	SL-CC01-14_S	SL-CC01-15_S	SL-CC01-16_S	SL-CC01-17_S
Conventionals									
Clay (%)	10.5	12.3	14.1	12	9.7	15.8	20.3	14.2	22.5
Silt (%)	34	46.5	50.7	53.7	39.3	38.2	65.5	41.8	44.5
Fines (silt+clay; %)	44.5	58.8	64.8	65.7	49	54	85.8	56	67
Gravel (%)	0	0	0.1	0	0	0	0	0	0
Sand (%)	55.5	41.2	35.1	34.3	51	46	14.2	44	33
Solids (%)	81.6	81	81.2	84.5	92.8	92.6	87.5	95	95.9
Phosphorus (mg/kg)	874	977	1040	926	826	496	1060	573	502
Total Organic Carbon (%)	5	3.7	2.2	2.4	2.4	1.7	3.5	3.2	2.1
Metals (mg/kg DW)									
Aluminum	5950	7500	8080	7800	6550	9790	10400	10600	12200
Antimony	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.345	<0.25
Arsenic	3.55	4.35	4.31	4.84	4.32	5.19	5.27	5.14	4.61
Barium	115	129	127	130	117	69.7	152	166	77
Beryllium	0.575	0.649	0.77	0.711	0.634	0.405	0.777	0.762	0.4
Cadmium	0.692	0.842	0.771	0.776	0.733	0.388	0.865	6.14	<0.25
Calcium	3920	2720	3440	3490	4720	16300	4110	8220	1050
Chromium	22.1	26.9	30.9	23.2	23.7	19	30.7	34.5	15
Cobalt	9.08	10.2	10.6	11.7	9.88	6.85	12	8.1	9.19
Copper	46.2	49.2	46.5	53.6	48.7	26.9	55.5	91	13.9
Iron	18500	20200	22300	22700	19800	18800	26500	24100	23000
Lead	138	113	135	122	88.2	93.8	156	781	30.6
Magnesium	880	707	1080	1170	1760	8540	1420	3400	856
Manganese	733	885	835	977	805	643	940	1490	849
Mercury	1.54	8.39	1.51	0.993	1.62	0.401	4.03	1.85	0.354
Molybdenum	0.42	0.464	0.464	0.53	0.603	0.585	0.483	1.18	0.252
Nickel	14	15.7	17.1	17.9	15.3	10.2	19.9	19.5	10.7
Potassium	638	779	790	791	725	984	969	696	997
Selenium	0.511	0.676	0.673	0.594	0.626	0.565	0.694	1.18	0.456
Silver	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	1.86	<0.25
Sodium	22.4	23	27.5	24.5	30.3	35.4	29.9	139	23.6
Thallium	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.259	<0.25	<0.25

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC01-09_S	SL-CC01-10_S	SL-CC01-11_S	SL-CC01-12_S	SL-CC01-13_S	SL-CC01-14_S	SL-CC01-15_S	SL-CC01-16_S	SL-CC01-17_S
Metals (mg/kg DW; cont.)									
Vanadium	15.2	17.3	18.5	18.4	15.8	24.5	23.2	17.2	24.2
Zinc	262	246	278	268	236	121	309	1650	78.8
Polychlorinated Biphenyls (PCBs; µg/kg DW)									
Aroclor 1016	<1.22	<1.23	<1.23	<1.18	<1.08	<1.07	<1.14	<1.05	<1.04
Aroclor 1221	<1.22	<1.23	<1.23	<1.18	<1.08	<1.07	<1.14	<1.05	<1.04
Aroclor 1232	<1.22	<1.23	<1.23	<1.18	<1.08	<1.07	<1.14	<1.05	<1.04
Aroclor 1242	<1.22	<1.23	<1.23	<1.18	<1.08	<1.07	<1.14	<1.05	<1.04
Aroclor 1248	18000	54300	24000	8180	4870	316	33600	6760	65.1
Aroclor 1254	33100	88100	38100	18900	11100	1030	57100	18600	211
Aroclor 1260	13300	41100	15700	7750	5430	573	25100	8920	155
Total PCBs - Aroclors	64400	184000	77800	34800	21400	1920	116000	34300	433
PCB 001	18	ND	24	ND	38	ND	20	7	ND
PCB 002	1.2	ND	1.5	ND	1.4	ND	2.1	0.86	ND
PCB 003	19	ND	22	ND	32	ND	28	9.7	ND
PCB 004	11	ND	26	ND	44	ND	15	4.3	ND
PCB 005	<5.7	ND	<6.5	ND	<4.2	ND	<11	<3.4	ND
PCB 006	8.3	ND	14	ND	10	ND	<11	<3.4	ND
PCB 007	<5.5	ND	<6.3	ND	<4.1	ND	<11	<3.2	ND
PCB 008	22	ND	41	ND	45	ND	29	12	ND
PCB 009	<6.1	ND	<7.1	ND	<4.6	ND	<12	<3.6	ND
PCB 010	<1.1	ND	<1.2	ND	3.8	ND	<2.8	<0.95	ND
PCB 011	<6.3	ND	<7.2	ND	<4.7	ND	<12	<3.7	ND
PCB 012 & 013	<6.1	ND	<7	ND	7.2	ND	<12	<3.6	ND
PCB 014	<5.3	ND	<6.1	ND	<3.9	ND	<10	<3.1	ND
PCB 015	90	ND	110	ND	110	ND	130	79	ND
PCB 016	6	ND	12	ND	8.3	ND	6.4	2.1	ND
PCB 017	8.9	ND	16	ND	23	ND	9.2	2.8	ND
PCB 018 & 030	16	ND	27	ND	19	ND	18	5.3	ND
PCB 019	3.9	ND	8.1	ND	20	ND	5.1	0.83	ND
PCB 020 & 028	140	ND	140	ND	120	ND	110	74	ND

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC01-09_S	SL-CC01-10_S	SL-CC01-11_S	SL-CC01-12_S	SL-CC01-13_S	SL-CC01-14_S	SL-CC01-15_S	SL-CC01-16_S	SL-CC01-17_S
PCBs (µg/kg DW; cont.)									
PCB 021 & 033	13	ND	17	ND	16	ND	17	9.9	ND
PCB 022	25	ND	25	ND	16	ND	23	13	ND
PCB 023	<3.2	ND	<4.5	ND	<2.6	ND	<6.5	<1.9	ND
PCB 024	<0.31	ND	<0.43	ND	<0.62	ND	<0.63	<0.25	ND
PCB 025	19	ND	11	ND	15	ND	14	3.5	ND
PCB 026 & 029	24	ND	23	ND	21	ND	14	6.6	ND
PCB 027	8.3	ND	13	ND	11	ND	21	1.7	ND
PCB 031	85	ND	95	ND	62	ND	78	46	ND
PCB 032	15	ND	26	ND	20	ND	28	4.4	ND
PCB 034	<3.5	ND	<4.9	ND	<2.8	ND	<7.2	<2.1	ND
PCB 035	<4.1	ND	<5.7	ND	<3.3	ND	<8.3	<2.4	ND
PCB 036	12	ND	15	ND	4	ND	28	3	ND
PCB 037	140	ND	150	ND	73	ND	170	84	ND
PCB 038	<4.1	ND	<5.7	ND	<3.3	ND	<8.3	<2.4	ND
PCB 039	<3.6	ND	<5.1	ND	<2.9	ND	<7.4	<2.1	ND
PCB 040 & 041 & 071	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 040 & 071	190	ND	230	ND	78	ND	570	51	ND
PCB 041	4.1	ND	8.3	ND	3.6	ND	19	1.9	ND
PCB 042	130	ND	160	ND	55	ND	390	35	ND
PCB 043	<1.5	ND	9.9	ND	<1.3	ND	44	<0.61	ND
PCB 044 & 047 & 065	630	ND	740	ND	300	ND	1900	150	ND
PCB 045	15	ND	29	ND	8.5	ND	96	4	ND
PCB 045 & 051	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 046	6	ND	10	ND	4.3	ND	43	<0.61	ND
PCB 048	15	ND	26	ND	16	ND	38	8.6	ND
PCB 049 & 069	600	ND	650	ND	250	ND	1300	150	ND
PCB 050 & 053	43	ND	51	ND	24	ND	170	9.3	ND
PCB 051	3.9	ND	5.8	ND	16	ND	30	1	ND
PCB 052	1300	ND	1400	ND	500	ND	3200	330	ND
PCB 054	0.52	ND	0.63	ND	1.9	ND	1.4	<0.11	ND
PCB 055	<10	ND	<9.2	ND	<4.2	ND	<15	<3.5	ND
PCB 056	450	ND	440	ND	150	ND	590	160	ND

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC01-09_S	SL-CC01-10_S	SL-CC01-11_S	SL-CC01-12_S	SL-CC01-13_S	SL-CC01-14_S	SL-CC01-15_S	SL-CC01-16_S	SL-CC01-17_S
PCBs (µg/kg DW; cont.)									
PCB 057	<11	ND	<10	ND	<4.7	ND	<16	<3.9	ND
PCB 058	<11	ND	<10	ND	<4.7	ND	<16	<3.9	ND
PCB 059 & 062 & 075	49	ND	58	ND	27	ND	130	13	ND
PCB 060	130	ND	98	ND	51	ND	120	39	ND
PCB 061 & 070 & 074 & 076	1100	ND	1100	ND	410	ND	1300	500	ND
PCB 063	21	ND	20	ND	12	ND	26	5.8	ND
PCB 064	280	ND	290	ND	120	ND	540	70	ND
PCB 066	1700	ND	1600	ND	600	ND	2100	580	ND
PCB 067	<10	ND	<9.5	ND	<4.3	ND	<15	<3.6	ND
PCB 068	<10	ND	<9.4	ND	6.8	ND	<15	<3.6	ND
PCB 072	12	ND	11	ND	5.6	ND	<16	<3.8	ND
PCB 073	8	ND	12	ND	8.2	ND	16	6.5	ND
PCB 077	310	ND	310	ND	110	ND	330	91	ND
PCB 078	<13	ND	<11	ND	<5.3	ND	<18	<4.4	ND
PCB 079	26	ND	29	ND	9.1	ND	51	5.7	ND
PCB 080	<10	ND	<9.5	ND	<4.4	ND	<15	<3.6	ND
PCB 081	<16	ND	<15	ND	<7	ND	<23	<6.2	ND
PCB 082	250	ND	270	ND	85	ND	400	50	ND
PCB 083	46	ND	42	ND	<19	ND	89	14	ND
PCB 083 & 099	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 084	250	ND	290	ND	93	ND	700	59	ND
PCB 085 & 116 & 117	380	ND	420	ND	150	ND	570	100	ND
PCB 086 & 087 & 097 & 108 & 119	1200	ND	1300	ND	440	ND	2300	310	ND
PCB 086 & 087 & 097 & 109 & 119	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 088 & 091	170	ND	210	ND	110	ND	390	52	ND
PCB 089	<34	ND	<30	ND	<17	ND	<69	<11	ND
PCB 090 & 101 & 113	1500	ND	1700	ND	730	ND	3400	530	ND
PCB 092	280	ND	310	ND	150	ND	580	85	ND
PCB 093 & 098 & 100 & 102	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 093 & 100	<31	ND	<27	ND	27	ND	<62	<10	ND
PCB 094	<32	ND	<28	ND	<16	ND	<65	<11	ND
PCB 095	980	ND	1200	ND	420	ND	2800	310	ND

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC01-09_S	SL-CC01-10_S	SL-CC01-11_S	SL-CC01-12_S	SL-CC01-13_S	SL-CC01-14_S	SL-CC01-15_S	SL-CC01-16_S	SL-CC01-17_S
PCBs (µg/kg DW; cont.)									
PCB 096	4	ND	5.6	ND	3.8	ND	17	1.2	ND
PCB 098 & 102	36	ND	36	ND	25	ND	92	11	ND
PCB 099	860	ND	920	ND	410	ND	1500	250	ND
PCB 103	<29	ND	<25	ND	<14	ND	<58	<9.6	ND
PCB 104	<0.2	ND	<0.19	ND	0.93	ND	<0.31	<0.12	ND
PCB 105	1200	ND	1200	ND	420	ND	1300	310	ND
PCB 106	<25	ND	<22	ND	<12	ND	<51	<8.5	ND
PCB 107	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 107 & 124	57	ND	63	ND	21	ND	95	16	ND
PCB 108 & 124	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 109	150	ND	150	ND	63	ND	180	37	ND
PCB 110 & 115	2000	ND	2200	ND	820	ND	3700	600	ND
PCB 111	<21	ND	<19	ND	<10	ND	<43	<7.1	ND
PCB 112	<22	ND	<19	ND	<11	ND	<45	<7.4	ND
PCB 114	32	ND	31	ND	<14	ND	<57	<9.8	ND
PCB 118	1800	ND	1800	ND	720	ND	2500	560	ND
PCB 120	<22	ND	<20	ND	<11	ND	<45	<7.5	ND
PCB 121	<22	ND	<19	ND	<11	ND	<44	<7.2	ND
PCB 122	49	ND	55	ND	18	ND	73	14	ND
PCB 123	39	ND	45	ND	14	ND	61	12	ND
PCB 126	<46	ND	<40	ND	<21	ND	<97	<15	ND
PCB 127	<25	ND	<22	ND	<12	ND	<50	<8.3	ND
PCB 128 & 166	330	ND	360	ND	150	ND	530	110	ND
PCB 129 & 138 & 163	2100	ND	2300	ND	1100	ND	3800	770	ND
PCB 130	120	ND	130	ND	63	ND	210	44	ND
PCB 131	<15	ND	17	ND	<11	ND	37	<6	ND
PCB 132	540	ND	630	ND	260	ND	1100	190	ND
PCB 133	23	ND	25	ND	23	ND	36	7.7	ND
PCB 134 & 143	83	ND	94	ND	45	ND	180	30	ND
PCB 135 & 151	620	ND	680	ND	360	ND	1300	240	ND
PCB 136	170	ND	210	ND	97	ND	480	66	ND
PCB 137	74	ND	74	ND	29	ND	130	24	ND

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC01-09_S	SL-CC01-10_S	SL-CC01-11_S	SL-CC01-12_S	SL-CC01-13_S	SL-CC01-14_S	SL-CC01-15_S	SL-CC01-16_S	SL-CC01-17_S
PCBs (µg/kg DW; cont.)									
PCB 139 & 140	21	ND	25	ND	11	ND	48	7.7	ND
PCB 141	330	ND	350	ND	150	ND	730	130	ND
PCB 142	<13	ND	<15	ND	<9.7	ND	<26	<5.4	ND
PCB 144	48	ND	64	ND	28	ND	160	24	ND
PCB 145	<9.1	ND	<10	ND	<6.7	ND	<18	<3.7	ND
PCB 146	230	ND	260	ND	170	ND	430	91	ND
PCB 147 & 149	1400	ND	1600	ND	840	ND	3100	540	ND
PCB 148	<12	ND	<14	ND	9.1	ND	<24	<5	ND
PCB 150	<8.4	ND	<9.3	ND	<6.2	ND	<17	<3.5	ND
PCB 152	<8.8	ND	<9.9	ND	<6.5	ND	<18	<3.7	ND
PCB 153 & 168	1400	ND	1600	ND	830	ND	2900	600	ND
PCB 154	22	ND	20	ND	32	ND	23	6.2	ND
PCB 155	<6	ND	<7.2	ND	<4.6	ND	<12	<2.3	ND
PCB 156 & 157	330	ND	350	ND	140	ND	470	100	ND
PCB 158	150	ND	170	ND	82	ND	330	62	ND
PCB 159	<2.8	ND	<3	ND	<1.9	ND	<4.8	<1.2	ND
PCB 160	<11	ND	<12	ND	<7.8	ND	<21	<4.3	ND
PCB 161	<9.4	ND	<10	ND	<7	ND	<19	<3.9	ND
PCB 162	4.9	ND	6.7	ND	2.9	ND	9.1	1.5	ND
PCB 164	130	ND	150	ND	65	ND	250	51	ND
PCB 165	<11	ND	<12	ND	<8.1	ND	<22	<4.5	ND
PCB 167	81	ND	89	ND	38	ND	130	28	ND
PCB 169	<4.5	ND	<4.7	ND	<3	ND	<8	<2	ND
PCB 170	380	ND	430	ND	210	ND	690	150	ND
PCB 171 & 173	95	ND	120	ND	62	ND	220	42	ND
PCB 172	60	ND	67	ND	38	ND	120	26	ND
PCB 174	500	ND	570	ND	280	ND	1100	210	ND
PCB 175	9.6	ND	13	ND	7.3	ND	31	5.3	ND
PCB 176	37	ND	47	ND	27	ND	110	18	ND
PCB 177	280	ND	300	ND	180	ND	520	110	ND
PCB 178	100	ND	110	ND	80	ND	190	42	ND
PCB 179	230	ND	250	ND	140	ND	510	95	ND

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC01-09_S	SL-CC01-10_S	SL-CC01-11_S	SL-CC01-12_S	SL-CC01-13_S	SL-CC01-14_S	SL-CC01-15_S	SL-CC01-16_S	SL-CC01-17_S
PCBs (µg/kg DW; cont.)									
PCB 180 & 193	750	ND	860	ND	400	ND	1700	330	ND
PCB 181	3.2	ND	<1.3	ND	<0.87	ND	<2.4	<0.65	ND
PCB 182	3.9	ND	5.6	ND	2.6	ND	4.6	1.6	ND
PCB 183	140	ND	190	ND	95	ND	420	73	ND
PCB 184	<0.76	ND	<0.68	ND	<0.65	ND	<1.2	<0.46	ND
PCB 185	59	ND	59	ND	33	ND	120	18	ND
PCB 186	<0.74	ND	<0.65	ND	<0.63	ND	<1.1	<0.45	ND
PCB 187	620	ND	690	ND	430	ND	1300	270	ND
PCB 188	<0.68	ND	<0.62	ND	1.4	ND	<1.1	<0.41	ND
PCB 189	20	ND	22	ND	10	ND	30	7	ND
PCB 190	88	ND	92	ND	44	ND	150	34	ND
PCB 191	13	ND	14	ND	7.5	ND	22	4.4	ND
PCB 192	<0.97	ND	<1.1	ND	<0.75	ND	<2.1	<0.56	ND
PCB 194	250	ND	290	ND	140	ND	470	100	ND
PCB 195	89	ND	100	ND	55	ND	160	39	ND
PCB 196	80	ND	100	ND	60	ND	200	41	ND
PCB 197	4.4	ND	4.5	ND	3.4	ND	12	1.7	ND
PCB 198 & 199	390	ND	440	ND	280	ND	720	160	ND
PCB 200	46	ND	52	ND	29	ND	94	21	ND
PCB 201	29	ND	38	ND	25	ND	77	14	ND
PCB 202	100	ND	110	ND	77	ND	200	41	ND
PCB 203	240	ND	270	ND	150	ND	440	98	ND
PCB 204	<0.66	ND	<0.71	ND	<0.57	ND	<1.5	<0.39	ND
PCB 205	15	ND	16	ND	9.3	ND	24	5.5	ND
PCB 206	380	ND	420	ND	490	ND	600	150	ND
PCB 207	24	ND	26	ND	25	ND	46	11	ND
PCB 208	120	ND	130	ND	200	ND	190	48	ND
PCB 209	190	ND	170	ND	380	ND	310	86	ND
Total PCBs - Homologs	26200	ND	28300	ND	13800	ND	49000	9210	ND
Dioxins and Furans (µg/kg DW)									
Total TCDD	0.00618	0.0146	0.00499	ND	0.0103	ND	0.00813	0.0983	ND

Table 23. Soil chemistry data for sampling sites located in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC01-09_S	SL-CC01-10_S	SL-CC01-11_S	SL-CC01-12_S	SL-CC01-13_S	SL-CC01-14_S	SL-CC01-15_S	SL-CC01-16_S	SL-CC01-17_S
Dioxins and Furans (µg/kg DW; cont.)									
2,3,7,8-TCDD	0.00071	0.000861	0.000739	ND	0.000659	ND	0.00103	0.00165	ND
Total PeCDD	0.0141	0.0218	0.0169	ND	0.0178	ND	0.022	0.277	ND
1,2,3,7,8-PeCDD	0.00164	0.00249	0.00204	ND	0.00172	ND	0.00273	0.0081	ND
Total HxCDD	0.0922	0.121	0.13	ND	0.112	ND	0.153	0.642	ND
1,2,3,4,7,8-HxCDD	0.0026	0.00405	0.00352	ND	0.00349	ND	0.00461	0.0158	ND
1,2,3,6,7,8-HxCDD	0.0123	0.0162	0.0182	ND	0.0105	ND	0.0216	0.0429	ND
1,2,3,7,8,9-HxCDD	0.00879	0.0123	0.0123	ND	0.0109	ND	0.0151	0.0535	ND
Total HpCDD	0.457	0.555	0.668	ND	0.524	ND	0.807	0.755	ND
1,2,3,4,6,7,8-HpCDD	0.244	0.294	0.347	ND	0.23	ND	0.43	0.388	ND
Total OCDD	2.36	2.96	3.21	ND	2.17	ND	4.43	2.32	ND
Total TCDF	0.65	1.56	0.46	ND	0.388	ND	0.957	0.478	ND
2,3,7,8-TCDF	0.0519	0.107	0.0521	ND	0.0295	ND	0.0885	0.0475	ND
Total PeCDF	0.992	1.61	1.02	ND	0.426	ND	1.48	0.435	ND
1,2,3,7,8-PeCDF	0.0414	0.116	0.0449	ND	0.019	ND	0.0884	0.0323	ND
2,3,4,7,8-PeCDF	0.16	0.211	0.158	ND	0.0579	ND	0.208	<0.0658	ND
Total HxCDF	0.734	1.25	0.779	ND	0.357	ND	1.17	0.342	ND
1,2,3,4,7,8-HxCDF	0.273	0.519	0.286	ND	0.123	ND	0.447	0.14	ND
1,2,3,6,7,8-HxCDF	0.0609	0.107	0.0633	ND	0.0276	ND	0.0967	<0.035	ND
1,2,3,7,8,9-HxCDF	0.00704	0.0135	0.00679	ND	0.00238	ND	0.0117	<0.00319	ND
2,3,4,6,7,8-HxCDF	0.0325	0.0482	0.0336	ND	0.0161	ND	0.0465	0.0254	ND
Total HpCDF	0.544	0.781	0.612	ND	0.335	ND	0.845	0.32	ND
1,2,3,4,6,7,8-HpCDF	0.216	0.314	0.242	ND	0.136	ND	0.329	0.161	ND
1,2,3,4,7,8,9-HpCDF	0.108	0.157	0.113	ND	0.0427	ND	0.165	0.0414	ND
Total OCDF	0.398	0.643	0.468	ND	0.264	ND	0.685	<0.204	ND

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 24. Soil chemistry data for sampling sites located in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]					
	SL-CC02-02_P	SL-CC02-03_P	SL-CC02-04_P	SL-CC02-05_P	SL-CC02-06_P	SL-CC02-07_P
Conventionals						
Clay (%)	7.3	11	11.9	10.8	22.5	16
Silt (%)	42	64.9	56.1	52.1	75.1	80.7
Fines (silt+clay; %)	49.3	75.9	68	62.9	97.6	96.7
Gravel (%)	0	0	0	0.2	0	0
Sand (%)	50.7	24.1	32	36.9	2.4	3.3
Solids (%)	80.5	72.5	87.7	77.7	76.3	76.7
Phosphorus (mg/kg)	430	557	446	538	680	588
Total Organic Carbon (%)	2.7	2.9	0.92	3.3	1.8	2
Metals (mg/kg DW)						
Aluminum	6870	10600	8780	9190	16100	14000
Antimony	<0.100	0.193	<0.100	<0.100	<0.100	<0.100
Arsenic	2.79	4.27	3.45	3.4	5.02	4.94
Barium	88.2	140	101	108	155	155
Beryllium	0.53	0.784	0.689	0.695	1.07	0.921
Cadmium	0.161	0.255	0.226	0.2	0.298	0.248
Calcium	2300	2660	1390	2010	1040	1690
Chromium	8.55	12.2	14.5	11.4	17.9	12.8
Cobalt	7.32	10.6	9.69	9.04	13.9	12.7
Copper	26.2	37.2	33	30.9	61.1	39.5
Iron	12600	18000	16000	16200	23300	21700
Lead	15.7	22.7	30.7	22.1	52.2	26.4
Magnesium	1200	1450	1190	1320	1550	1630
Manganese	686	1210	934	817	896	1330
Mercury	ND	0.867	0.905	ND	ND	ND
Molybdenum	0.222	0.282	0.291	0.266	0.372	0.34
Nickel	6.32	9.16	8.42	8.25	12.6	11
Potassium	611	814	660	777	1040	944
Selenium	0.434	0.578	0.551	0.504	0.758	0.681
Silver	<0.100	<0.100	0.101	<0.100	<0.100	<0.100
Sodium	21.3	33	24.7	25.4	31.1	34.4
Thallium	0.105	0.167	0.135	0.134	0.234	0.195

Table 24. Soil chemistry data for sampling sites located in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]					
	SL-CC02-02_P	SL-CC02-03_P	SL-CC02-04_P	SL-CC02-05_P	SL-CC02-06_P	SL-CC02-07_P
Metals (mg/kg DW; cont.)						
Vanadium	9.99	15.2	13.3	13.3	23.4	17.9
Zinc	57.9	83.3	85	78.4	134	96.9
Polychlorinated Biphenyls (PCBs; µg/kg DW)						
Aroclor 1016	<2.55	<2.80	<2.34	<2.63	<2.66	<2.64
Aroclor 1221	<2.67	<2.92	<2.44	<2.75	<2.77	<2.76
Aroclor 1232	<2.67	<2.92	<2.44	<2.75	<2.77	<2.76
Aroclor 1242	<2.67	<2.92	<2.44	<2.75	<2.77	<2.76
Aroclor 1248	152	441	5280	120	163	21.8
Aroclor 1254	369	584	7070	248	408	46.7
Aroclor 1260	442	787	4560	341	474	111
Total PCBs - Aroclors	968	1820	16900	714	1050	185
PCB 001	ND	ND	27.3	ND	ND	ND
PCB 002	ND	ND	1.37	ND	ND	ND
PCB 003	ND	ND	23.6	ND	ND	ND
PCB 004	ND	ND	18.7	ND	ND	ND
PCB 005	ND	ND	<0.48	ND	ND	ND
PCB 006	ND	ND	5.14	ND	ND	ND
PCB 007	ND	ND	0.99	ND	ND	ND
PCB 008	ND	ND	22	ND	ND	ND
PCB 009	ND	ND	1	ND	ND	ND
PCB 010	ND	ND	0.84	ND	ND	ND
PCB 011	ND	ND	<0.9	ND	ND	ND
PCB 012 & 013	ND	ND	4.26	ND	ND	ND
PCB 014	ND	ND	<0.43	ND	ND	ND
PCB 015	ND	ND	89.8	ND	ND	ND
PCB 016	ND	ND	3.16	ND	ND	ND
PCB 017	ND	ND	7.35	ND	ND	ND
PCB 018 & 030	ND	ND	9.32	ND	ND	ND
PCB 019	ND	ND	7.3	ND	ND	ND
PCB 020 & 028	ND	ND	85.3	ND	ND	ND

Table 24. Soil chemistry data for sampling sites located in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]					
	SL-CC02-02_P	SL-CC02-03_P	SL-CC02-04_P	SL-CC02-05_P	SL-CC02-06_P	SL-CC02-07_P
PCBs (µg/kg DW; cont.)						
PCB 021 & 033	ND	ND	9.63	ND	ND	ND
PCB 022	ND	ND	13.1	ND	ND	ND
PCB 023	ND	ND	<0.38	ND	ND	ND
PCB 024	ND	ND	<0.17	ND	ND	ND
PCB 025	ND	ND	11.8	ND	ND	ND
PCB 026 & 029	ND	ND	15.4	ND	ND	ND
PCB 027	ND	ND	10.5	ND	ND	ND
PCB 031	ND	ND	47.8	ND	ND	ND
PCB 032	ND	ND	20.9	ND	ND	ND
PCB 034	ND	ND	0.47	ND	ND	ND
PCB 035	ND	ND	1.56	ND	ND	ND
PCB 036	ND	ND	16.6	ND	ND	ND
PCB 037	ND	ND	69.3	ND	ND	ND
PCB 038	ND	ND	<0.48	ND	ND	ND
PCB 039	ND	ND	1.19	ND	ND	ND
PCB 040 & 041 & 071	ND	ND	274	ND	ND	ND
PCB 042	ND	ND	208	ND	ND	ND
PCB 043	ND	ND	9.74	ND	ND	ND
PCB 044 & 047 & 065	ND	ND	612	ND	ND	ND
PCB 045 & 051	ND	ND	57.1	ND	ND	ND
PCB 046	ND	ND	12.1	ND	ND	ND
PCB 048	ND	ND	26.8	ND	ND	ND
PCB 049 & 069	ND	ND	526	ND	ND	ND
PCB 050 & 053	ND	ND	102	ND	ND	ND
PCB 052	ND	ND	771	ND	ND	ND
PCB 054	ND	ND	3.27	ND	ND	ND
PCB 055	ND	ND	<0.54	ND	ND	ND
PCB 056	ND	ND	192	ND	ND	ND
PCB 057	ND	ND	1.63	ND	ND	ND
PCB 058	ND	ND	1.53	ND	ND	ND
PCB 059 & 062 & 075	ND	ND	55.4	ND	ND	ND
PCB 060	ND	ND	62.2	ND	ND	ND

Table 24. Soil chemistry data for sampling sites located in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]					
	SL-CC02-02_P	SL-CC02-03_P	SL-CC02-04_P	SL-CC02-05_P	SL-CC02-06_P	SL-CC02-07_P
PCBs (µg/kg DW; cont.)						
PCB 061 & 070 & 074 & 076	ND	ND	414	ND	ND	ND
PCB 063	ND	ND	22.3	ND	ND	ND
PCB 064	ND	ND	380	ND	ND	ND
PCB 066	ND	ND	458	ND	ND	ND
PCB 067	ND	ND	11.1	ND	ND	ND
PCB 068	ND	ND	5.18	ND	ND	ND
PCB 072	ND	ND	6.84	ND	ND	ND
PCB 073	ND	ND	<0.19	ND	ND	ND
PCB 077	ND	ND	119	ND	ND	ND
PCB 078	ND	ND	<0.54	ND	ND	ND
PCB 079	ND	ND	13.6	ND	ND	ND
PCB 080	ND	ND	<0.49	ND	ND	ND
PCB 081	ND	ND	3.47	ND	ND	ND
PCB 082	ND	ND	165	ND	ND	ND
PCB 083 & 099	ND	ND	700	ND	ND	ND
PCB 084	ND	ND	226	ND	ND	ND
PCB 085 & 116 & 117	ND	ND	220	ND	ND	ND
PCB 086 & 087 & 097 & 109 & 119 & 125	ND	ND	729	ND	ND	ND
PCB 088 & 091	ND	ND	166	ND	ND	ND
PCB 089	ND	ND	14.2	ND	ND	ND
PCB 090 & 101 & 113	ND	ND	1050	ND	ND	ND
PCB 092	ND	ND	158	ND	ND	ND
PCB 093 & 098 & 100 & 102	ND	ND	79.5	ND	ND	ND
PCB 094	ND	ND	6.23	ND	ND	ND
PCB 095	ND	ND	603	ND	ND	ND
PCB 096	ND	ND	8.97	ND	ND	ND
PCB 103	ND	ND	8.8	ND	ND	ND
PCB 104	ND	ND	0.31	ND	ND	ND
PCB 105	ND	ND	519	ND	ND	ND
PCB 106	ND	ND	<0.18	ND	ND	ND
PCB 107	ND	ND	76	ND	ND	ND
PCB 108 & 124	ND	ND	40.7	ND	ND	ND

Table 24. Soil chemistry data for sampling sites located in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]					
	SL-CC02-02_P	SL-CC02-03_P	SL-CC02-04_P	SL-CC02-05_P	SL-CC02-06_P	SL-CC02-07_P
PCBs (µg/kg DW; cont.)						
PCB 110 & 115	ND	ND	1420	ND	ND	ND
PCB 111	ND	ND	0.77	ND	ND	ND
PCB 112	ND	ND	<0.12	ND	ND	ND
PCB 114	ND	ND	33.6	ND	ND	ND
PCB 118	ND	ND	1020	ND	ND	ND
PCB 120	ND	ND	2.27	ND	ND	ND
PCB 121	ND	ND	0.6	ND	ND	ND
PCB 122	ND	ND	21.8	ND	ND	ND
PCB 123	ND	ND	27.8	ND	ND	ND
PCB 126	ND	ND	16.8	ND	ND	ND
PCB 127	ND	ND	2.32	ND	ND	ND
PCB 128 & 166	ND	ND	220	ND	ND	ND
PCB 129 & 138 & 163	ND	ND	1560	ND	ND	ND
PCB 130	ND	ND	78.2	ND	ND	ND
PCB 131	ND	ND	16.4	ND	ND	ND
PCB 132	ND	ND	418	ND	ND	ND
PCB 133	ND	ND	20.3	ND	ND	ND
PCB 134 & 143	ND	ND	64	ND	ND	ND
PCB 135 & 151	ND	ND	428	ND	ND	ND
PCB 136	ND	ND	147	ND	ND	ND
PCB 137	ND	ND	53.4	ND	ND	ND
PCB 139 & 140	ND	ND	19.3	ND	ND	ND
PCB 141	ND	ND	260	ND	ND	ND
PCB 142	ND	ND	<0.92	ND	ND	ND
PCB 144	ND	ND	57.6	ND	ND	ND
PCB 145	ND	ND	0.855	ND	ND	ND
PCB 146	ND	ND	179	ND	ND	ND
PCB 147 & 149	ND	ND	1050	ND	ND	ND
PCB 148	ND	ND	4.05	ND	ND	ND
PCB 150	ND	ND	1.59	ND	ND	ND
PCB 152	ND	ND	2.08	ND	ND	ND
PCB 153 & 168	ND	ND	1080	ND	ND	ND

Table 24. Soil chemistry data for sampling sites located in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]					
	SL-CC02-02_P	SL-CC02-03_P	SL-CC02-04_P	SL-CC02-05_P	SL-CC02-06_P	SL-CC02-07_P
PCBs (µg/kg DW; cont.)						
PCB 154	ND	ND	17.5	ND	ND	ND
PCB 155	ND	ND	<0.13	ND	ND	ND
PCB 156 & 157	ND	ND	206	ND	ND	ND
PCB 158	ND	ND	144	ND	ND	ND
PCB 159	ND	ND	13.6	ND	ND	ND
PCB 160	ND	ND	<0.7	ND	ND	ND
PCB 161	ND	ND	<0.64	ND	ND	ND
PCB 162	ND	ND	2.23	ND	ND	ND
PCB 164	ND	ND	97.2	ND	ND	ND
PCB 165	ND	ND	1.99	ND	ND	ND
PCB 167	ND	ND	52.4	ND	ND	ND
PCB 169	ND	ND	<0.45	ND	ND	ND
PCB 170	ND	ND	283	ND	ND	ND
PCB 171 & 173	ND	ND	87.2	ND	ND	ND
PCB 172	ND	ND	47.1	ND	ND	ND
PCB 174	ND	ND	349	ND	ND	ND
PCB 175	ND	ND	12	ND	ND	ND
PCB 176	ND	ND	41.3	ND	ND	ND
PCB 177	ND	ND	189	ND	ND	ND
PCB 178	ND	ND	76.5	ND	ND	ND
PCB 179	ND	ND	153	ND	ND	ND
PCB 180 & 193	ND	ND	730	ND	ND	ND
PCB 181	ND	ND	2.49	ND	ND	ND
PCB 182	ND	ND	1.52	ND	ND	ND
PCB 183	ND	ND	168	ND	ND	ND
PCB 184	ND	ND	<0.096	ND	ND	ND
PCB 185	ND	ND	29	ND	ND	ND
PCB 186	ND	ND	<0.11	ND	ND	ND
PCB 187	ND	ND	464	ND	ND	ND
PCB 188	ND	ND	0.56	ND	ND	ND
PCB 189	ND	ND	13.4	ND	ND	ND
PCB 190	ND	ND	64.5	ND	ND	ND

Table 24. Soil chemistry data for sampling sites located in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]					
	SL-CC02-02_P	SL-CC02-03_P	SL-CC02-04_P	SL-CC02-05_P	SL-CC02-06_P	SL-CC02-07_P
PCBs (µg/kg DW; cont.)						
PCB 191	ND	ND	10.3	ND	ND	ND
PCB 192	ND	ND	<0.38	ND	ND	ND
PCB 194	ND	ND	184	ND	ND	ND
PCB 195	ND	ND	65.4	ND	ND	ND
PCB 196	ND	ND	89.1	ND	ND	ND
PCB 197	ND	ND	<4.2	ND	ND	ND
PCB 198 & 199	ND	ND	295	ND	ND	ND
PCB 200	ND	ND	28.5	ND	ND	ND
PCB 201	ND	ND	28.9	ND	ND	ND
PCB 202	ND	ND	81.5	ND	ND	ND
PCB 203	ND	ND	188	ND	ND	ND
PCB 204	ND	ND	<0.17	ND	ND	ND
PCB 205	ND	ND	9.58	ND	ND	ND
PCB 206	ND	ND	272	ND	ND	ND
PCB 207	ND	ND	20.5	ND	ND	ND
PCB 208	ND	ND	93.3	ND	ND	ND
PCB 209	ND	ND	164	ND	ND	ND
Total PCBs - Homologs	ND	ND	17000	ND	ND	ND
Dioxins and Furans (µg/kg DW)						
Total TCDD	ND	ND	0.000623	ND	ND	ND
2,3,7,8-TCDD	ND	ND	<0.000199	ND	ND	ND
Total PeCDD	ND	ND	0.00445	ND	ND	ND
1,2,3,7,8-PeCDD	ND	ND	0.000491	ND	ND	ND
Total HxCDD	ND	ND	0.0238	ND	ND	ND
1,2,3,4,7,8-HxCDD	ND	ND	0.000731	ND	ND	ND
1,2,3,6,7,8-HxCDD	ND	ND	0.00282	ND	ND	ND
1,2,3,7,8,9-HxCDD	ND	ND	0.00274	ND	ND	ND
Total HpCDD	ND	ND	0.193	ND	ND	ND
1,2,3,4,6,7,8-HpCDD	ND	ND	0.0858	ND	ND	ND
Total OCDD	ND	ND	1.59	ND	ND	ND
Total TCDF	ND	ND	0.117	ND	ND	ND

Table 24. Soil chemistry data for sampling sites located in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]					
	SL-CC02-02_P	SL-CC02-03_P	SL-CC02-04_P	SL-CC02-05_P	SL-CC02-06_P	SL-CC02-07_P
Dioxins and Furans (µg/kg DW; cont.)						
2,3,7,8-TCDF	ND	ND	0.0336	ND	ND	ND
Total PeCDF	ND	ND	0.185	ND	ND	ND
1,2,3,7,8-PeCDF	ND	ND	0.00946	ND	ND	ND
2,3,4,7,8-PeCDF	ND	ND	0.03	ND	ND	ND
Total HxCDF	ND	ND	0.123	ND	ND	ND
1,2,3,4,7,8-HxCDF	ND	ND	0.0473	ND	ND	ND
1,2,3,6,7,8-HxCDF	ND	ND	0.0108	ND	ND	ND
1,2,3,7,8,9-HxCDF	ND	ND	0.00123	ND	ND	ND
2,3,4,6,7,8-HxCDF	ND	ND	0.00521	ND	ND	ND
Total HpCDF	ND	ND	0.0621	ND	ND	ND
1,2,3,4,6,7,8-HpCDF	ND	ND	<0.0471	ND	ND	ND
1,2,3,4,7,8,9-HpCDF	ND	ND	0.0154	ND	ND	ND
Total OCDF	ND	ND	0.0934	ND	ND	ND

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 25. Soil chemistry data for sampling sites located in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC03-01_S	SL-CC03-02_P	SL-CC03-03_P	SL-CC03-05_P	SL-CC03-06_S	SL-CC03-07_P	SL-CC03-08_P	SL-CC03-09_S	SL-CC03-10_S
Conventionals									
Clay (%)	23.9	21.5	27.9	13.5	13.1	20.7	22.9	13.2	17.1
Silt (%)	73.2	76.7	70.3	79.7	69.7	72.7	75	56.1	54
Fines (silt+clay; %)	97.1	98.2	98.2	93.2	82.8	93.4	97.9	69.3	71.1
Gravel (%)	0	0	0	0	0	0	0	0	0.1
Sand (%)	2.9	1.8	1.8	6.8	17.2	6.6	2.1	30.7	28.8
Solids (%)	98.8	97.5	97.8	92.2	98.8	97.5	98.1	99	99.2
Phosphorus (mg/kg)	367	532	777	893	638	555	755	479	465
Total Organic Carbon (%)	1.3	1.3	2.2	3.1	2.1	1.6	2.6	0.93	1.3
Metals (mg/kg DW)									
Aluminum	13900	13800	18000	13600	12100	12700	15500	11600	12300
Antimony	<0.25	<0.100	<0.100	0.154	<0.25	<0.100	<0.100	<0.25	<0.25
Arsenic	3.82	10.8	3.07	3.89	2.96	8.29	3.26	2.46	2.58
Barium	153	102	175	173	146	107	153	106	118
Beryllium	0.665	0.794	1.31	1.04	0.669	0.827	1.18	0.6	0.628
Cadmium	<0.25	0.342	0.916	0.5	0.347	0.297	1.01	<0.25	<0.25
Calcium	1270	1480	2100	1690	1400	1420	1890	1390	450
Chromium	11.5	21	40.1	31.3	19.7	18.6	41.1	12.3	12.5
Cobalt	8.33	8.71	10.2	13.7	9.61	8.76	9.37	9.59	6.5
Copper	14.7	26.2	56.5	38.2	29.3	23.1	67.4	15.3	14.2
Iron	17900	20400	21300	20500	18200	19300	19800	17000	16500
Lead	31.3	43.7	87.2	73.9	52.6	39.8	96.9	25	31
Magnesium	1330	1210	1800	1420	1190	1230	1570	1130	814
Manganese	601	240	209	1470	948	249	178	730	376
Mercury	0.815	ND	5.4	ND	2.53	ND	ND	0.567	0.488
Molybdenum	0.322	0.959	0.316	0.384	0.287	0.746	0.364	0.254	0.252
Nickel	8.21	11	16.3	13.6	10.6	10.7	15.8	8.63	7.16
Potassium	698	696	1210	998	819	667	1080	731	767

Table 25. Soil chemistry data for sampling sites located in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC03-01_S	SL-CC03-02_P	SL-CC03-03_P	SL-CC03-05_P	SL-CC03-06_S	SL-CC03-07_P	SL-CC03-08_P	SL-CC03-09_S	SL-CC03-10_S
Metals (mg/kg DW; cont.)									
Selenium	0.734	0.651	0.761	0.747	0.74	0.546	0.817	0.667	0.627
Silver	<0.25	0.233	0.594	0.646	0.305	0.233	1.82	<0.25	<0.25
Sodium	25.6	32.2	37.5	24.1	20.8	23.6	32.6	32.4	20.4
Thallium	<0.25	0.294	0.327	0.23	<0.25	0.255	0.285	<0.25	<0.25
Vanadium	15.4	33.7	32.7	19.6	13.7	27.1	27.7	12.3	15.6
Zinc	80.1	139	268	159	153	120	323	84.8	74.9
Polychlorinated Biphenyls (PCBs; µg/kg DW)									
Aroclor 1016	<1.01	<2.06	<2.08	<2.23	<1.01	<2.11	<2.02	<1	<1.01
Aroclor 1221	<1.01	<2.15	<2.18	<2.33	<1.01	<2.20	<2.11	<1	<1.01
Aroclor 1232	<1.01	<2.15	<2.18	<2.33	<1.01	<2.20	<2.11	<1	<1.01
Aroclor 1242	<1.01	<2.15	<2.18	<2.33	<1.01	<2.20	<2.11	<1	<1.01
Aroclor 1248	227	457	1960	2740	1030	263	1080	105	198
Aroclor 1254	1440	1390	4460	8240	4950	824	3640	795	1070
Aroclor 1260	994	1860	5070	8900	2890	1140	4140	547	658
Total PCBs - Aroclors	2660	3710	11500	19900	8870	2230	8860	1450	1930
PCB 001	ND	ND	46.7	74.8	36	ND	ND	ND	ND
PCB 002	ND	ND	4.5	7.37	4.9	ND	ND	ND	ND
PCB 003	ND	ND	49.6	82.4	52	ND	ND	ND	ND
PCB 004	ND	ND	23.4	36.2	25	ND	ND	ND	ND
PCB 005	ND	ND	<0.55	<3.1	<1.7	ND	ND	ND	ND
PCB 006	ND	ND	9.89	18.4	14	ND	ND	ND	ND
PCB 007	ND	ND	2.31	3.78	2.3	ND	ND	ND	ND
PCB 008	ND	ND	43.9	71.1	56	ND	ND	ND	ND
PCB 009	ND	ND	2.77	5.11	3.1	ND	ND	ND	ND
PCB 010	ND	ND	0.62	1.36	1.5	ND	ND	ND	ND
PCB 011	ND	ND	1.28	<1.7	<1.8	ND	ND	ND	ND

Table 25. Soil chemistry data for sampling sites located in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC03-01_S	SL-CC03-02_P	SL-CC03-03_P	SL-CC03-05_P	SL-CC03-06_S	SL-CC03-07_P	SL-CC03-08_P	SL-CC03-09_S	SL-CC03-10_S
PCBs (µg/kg DW; cont.)									
PCB 012 & 013	ND	ND	12	18	17	ND	ND	ND	ND
PCB 014	ND	ND	<0.25	<0.51	<1.5	ND	ND	ND	ND
PCB 015	ND	ND	192	231	240	ND	ND	ND	ND
PCB 016	ND	ND	6.17	12.6	11	ND	ND	ND	ND
PCB 017	ND	ND	11.7	14.4	13	ND	ND	ND	ND
PCB 018 & 030	ND	ND	21.5	29.2	25	ND	ND	ND	ND
PCB 019	ND	ND	4.66	3.73	6.9	ND	ND	ND	ND
PCB 020 & 028	ND	ND	205	237	200	ND	ND	ND	ND
PCB 021 & 033	ND	ND	23.4	29.8	27	ND	ND	ND	ND
PCB 022	ND	ND	22	36.8	27	ND	ND	ND	ND
PCB 023	ND	ND	<0.27	<0.85	<5.5	ND	ND	ND	ND
PCB 024	ND	ND	<0.039	<0.29	<0.17	ND	ND	ND	ND
PCB 025	ND	ND	24.8	28.4	22	ND	ND	ND	ND
PCB 026 & 029	ND	ND	42.3	58.6	36	ND	ND	ND	ND
PCB 027	ND	ND	2.55	2.95	25	ND	ND	ND	ND
PCB 031	ND	ND	128	186	140	ND	ND	ND	ND
PCB 032	ND	ND	14.9	9.44	32	ND	ND	ND	ND
PCB 034	ND	ND	0.8	<0.85	<6.1	ND	ND	ND	ND
PCB 035	ND	ND	2.06	<3.6	<7.1	ND	ND	ND	ND
PCB 036	ND	ND	<0.24	11	39	ND	ND	ND	ND
PCB 037	ND	ND	117	189	280	ND	ND	ND	ND
PCB 038	ND	ND	<0.28	<0.87	<7	ND	ND	ND	ND
PCB 039	ND	ND	1.16	1.24	<6.3	ND	ND	ND	ND
PCB 040 & 041 & 071	ND	ND	24.7	29.1	ND	ND	ND	ND	ND
PCB 040 & 071	ND	ND	ND	ND	760	ND	ND	ND	ND
PCB 041	ND	ND	ND	ND	34	ND	ND	ND	ND
PCB 042	ND	ND	17.8	44.8	500	ND	ND	ND	ND
PCB 043	ND	ND	1.01	3.54	26	ND	ND	ND	ND

Table 25. Soil chemistry data for sampling sites located in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC03-01_S	SL-CC03-02_P	SL-CC03-03_P	SL-CC03-05_P	SL-CC03-06_S	SL-CC03-07_P	SL-CC03-08_P	SL-CC03-09_S	SL-CC03-10_S
PCBs (µg/kg DW; cont.)									
PCB 044 & 047 & 065	ND	ND	83.9	137	2400	ND	ND	ND	ND
PCB 045	ND	ND	ND	ND	120	ND	ND	ND	ND
PCB 045 & 051	ND	ND	8.06	4.5	ND	ND	ND	ND	ND
PCB 046	ND	ND	1.06	1.42	57	ND	ND	ND	ND
PCB 048	ND	ND	7.61	11.8	37	ND	ND	ND	ND
PCB 049 & 069	ND	ND	186	321	1800	ND	ND	ND	ND
PCB 050 & 053	ND	ND	33.2	5.96	220	ND	ND	ND	ND
PCB 051	ND	ND	ND	ND	39	ND	ND	ND	ND
PCB 052	ND	ND	299	491	4000	ND	ND	ND	ND
PCB 054	ND	ND	1.93	<0.49	2.1	ND	ND	ND	ND
PCB 055	ND	ND	<0.27	<0.71	<14	ND	ND	ND	ND
PCB 056	ND	ND	70.3	192	840	ND	ND	ND	ND
PCB 057	ND	ND	13	2.82	<16	ND	ND	ND	ND
PCB 058	ND	ND	<0.25	1.41	<16	ND	ND	ND	ND
PCB 059 & 062 & 075	ND	ND	10.9	13.5	160	ND	ND	ND	ND
PCB 060	ND	ND	24.6	85	170	ND	ND	ND	ND
PCB 061 & 070 & 074 & 076	ND	ND	410	902	2000	ND	ND	ND	ND
PCB 063	ND	ND	12.8	15.3	44	ND	ND	ND	ND
PCB 064	ND	ND	98.6	139	720	ND	ND	ND	ND
PCB 066	ND	ND	441	870	3100	ND	ND	ND	ND
PCB 067	ND	ND	7.67	12.6	20	ND	ND	ND	ND
PCB 068	ND	ND	8.74	7.12	<14	ND	ND	ND	ND
PCB 072	ND	ND	8.46	10.7	20	ND	ND	ND	ND
PCB 073	ND	ND	<0.03	<0.23	9	ND	ND	ND	ND
PCB 077	ND	ND	61.2	129	480	ND	ND	ND	ND
PCB 078	ND	ND	<0.27	<0.72	27	ND	ND	ND	ND
PCB 079	ND	ND	6.71	7.84	76	ND	ND	ND	ND
PCB 080	ND	ND	<0.24	<0.64	<14	ND	ND	ND	ND

Table 25. Soil chemistry data for sampling sites located in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC03-01_S	SL-CC03-02_P	SL-CC03-03_P	SL-CC03-05_P	SL-CC03-06_S	SL-CC03-07_P	SL-CC03-08_P	SL-CC03-09_S	SL-CC03-10_S
PCBs (µg/kg DW; cont.)									
PCB 081	ND	ND	0.96	2.72	<21	ND	ND	ND	ND
PCB 082	ND	ND	21.1	47	550	ND	ND	ND	ND
PCB 083	ND	ND	ND	ND	150	ND	ND	ND	ND
PCB 083 & 099	ND	ND	321	572	ND	ND	ND	ND	ND
PCB 084	ND	ND	33.6	40.6	970	ND	ND	ND	ND
PCB 085 & 116 & 117	ND	ND	63.6	150	890	ND	ND	ND	ND
PCB 086 & 087 & 097 & 108 & 119 & 125	ND	ND	ND	ND	3300	ND	ND	ND	ND
PCB 086 & 087 & 097 & 109 & 119 & 125	ND	ND	169	463	ND	ND	ND	ND	ND
PCB 088 & 091	ND	ND	77.8	73.9	570	ND	ND	ND	ND
PCB 089	ND	ND	0.85	1.11	<63	ND	ND	ND	ND
PCB 090 & 101 & 113	ND	ND	397	905	4700	ND	ND	ND	ND
PCB 092	ND	ND	75.6	197	880	ND	ND	ND	ND
PCB 093 & 098 & 100 & 102	ND	ND	33	10.4	ND	ND	ND	ND	ND
PCB 093 & 100	ND	ND	ND	ND	<56	ND	ND	ND	ND
PCB 094	ND	ND	2.14	1.32	<59	ND	ND	ND	ND
PCB 095	ND	ND	203	352	3600	ND	ND	ND	ND
PCB 096	ND	ND	3.99	<0.33	22	ND	ND	ND	ND
PCB 098 & 102	ND	ND	ND	ND	100	ND	ND	ND	ND
PCB 099	ND	ND	ND	ND	2300	ND	ND	ND	ND
PCB 103	ND	ND	9.86	6.83	<53	ND	ND	ND	ND
PCB 104	ND	ND	0.845	<0.21	0.43	ND	ND	ND	ND
PCB 105	ND	ND	197	571	2000	ND	ND	ND	ND
PCB 106	ND	ND	<0.15	<0.4	<47	ND	ND	ND	ND
PCB 107	ND	ND	45.2	78.1	ND	ND	ND	ND	ND
PCB 107 & 124	ND	ND	ND	ND	160	ND	ND	ND	ND
PCB 108 & 124	ND	ND	10.3	29.8	ND	ND	ND	ND	ND
PCB 109	ND	ND	ND	ND	280	ND	ND	ND	ND
PCB 110 & 115	ND	ND	505	1110	5200	ND	ND	ND	ND

Table 25. Soil chemistry data for sampling sites located in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC03-01_S	SL-CC03-02_P	SL-CC03-03_P	SL-CC03-05_P	SL-CC03-06_S	SL-CC03-07_P	SL-CC03-08_P	SL-CC03-09_S	SL-CC03-10_S
PCBs (µg/kg DW; cont.)									
PCB 111	ND	ND	0.999	<0.94	<39	ND	ND	ND	ND
PCB 112	ND	ND	<0.018	<0.29	<41	ND	ND	ND	ND
PCB 114	ND	ND	7.38	14	<53	ND	ND	ND	ND
PCB 118	ND	ND	585	1140	3700	ND	ND	ND	ND
PCB 120	ND	ND	6.16	4.14	<41	ND	ND	ND	ND
PCB 121	ND	ND	0.469	<0.29	<40	ND	ND	ND	ND
PCB 122	ND	ND	4.4	13.6	53	ND	ND	ND	ND
PCB 123	ND	ND	5.45	15.8	83	ND	ND	ND	ND
PCB 126	ND	ND	2.26	2.31	<71	ND	ND	ND	ND
PCB 127	ND	ND	0.68	1.14	<46	ND	ND	ND	ND
PCB 128 & 166	ND	ND	113	223	820	ND	ND	ND	ND
PCB 129 & 138 & 163	ND	ND	938	1950	5900	ND	ND	ND	ND
PCB 130	ND	ND	56.6	85.5	300	ND	ND	ND	ND
PCB 131	ND	ND	4.97	6.5	55	ND	ND	ND	ND
PCB 132	ND	ND	186	380	1700	ND	ND	ND	ND
PCB 133	ND	ND	19.9	28.9	54	ND	ND	ND	ND
PCB 134 & 143	ND	ND	22.7	50.9	240	ND	ND	ND	ND
PCB 135 & 151	ND	ND	260	599	2100	ND	ND	ND	ND
PCB 136	ND	ND	80.1	107	670	ND	ND	ND	ND
PCB 137	ND	ND	19.6	37.7	190	ND	ND	ND	ND
PCB 139 & 140	ND	ND	12	16.1	52	ND	ND	ND	ND
PCB 141	ND	ND	86.3	213	1000	ND	ND	ND	ND
PCB 142	ND	ND	<0.41	<1.1	<35	ND	ND	ND	ND
PCB 144	ND	ND	18.7	30.4	240	ND	ND	ND	ND
PCB 145	ND	ND	0.313	<0.15	<24	ND	ND	ND	ND
PCB 146	ND	ND	168	266	730	ND	ND	ND	ND
PCB 147 & 149	ND	ND	646	1310	4600	ND	ND	ND	ND
PCB 148	ND	ND	3.18	3.79	<32	ND	ND	ND	ND

Table 25. Soil chemistry data for sampling sites located in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC03-01_S	SL-CC03-02_P	SL-CC03-03_P	SL-CC03-05_P	SL-CC03-06_S	SL-CC03-07_P	SL-CC03-08_P	SL-CC03-09_S	SL-CC03-10_S
PCBs (µg/kg DW; cont.)									
PCB 150	ND	ND	3.3	1.05	<22	ND	ND	ND	ND
PCB 152	ND	ND	1.21	0.47	<24	ND	ND	ND	ND
PCB 153 & 168	ND	ND	827	1500	4500	ND	ND	ND	ND
PCB 154	ND	ND	26.3	23.4	36	ND	ND	ND	ND
PCB 155	ND	ND	0.4	<0.2	<19	ND	ND	ND	ND
PCB 156 & 157	ND	ND	88	179	720	ND	ND	ND	ND
PCB 158	ND	ND	65.5	96.4	460	ND	ND	ND	ND
PCB 159	ND	ND	10.1	18.1	<4.3	ND	ND	ND	ND
PCB 160	ND	ND	<0.31	<0.84	<28	ND	ND	ND	ND
PCB 161	ND	ND	<0.29	<0.77	<25	ND	ND	ND	ND
PCB 162	ND	ND	1.47	2.51	20	ND	ND	ND	ND
PCB 164	ND	ND	52.1	115	370	ND	ND	ND	ND
PCB 165	ND	ND	2.59	2.48	<29	ND	ND	ND	ND
PCB 167	ND	ND	28.8	56.6	210	ND	ND	ND	ND
PCB 169	ND	ND	<0.14	<0.52	<6.4	ND	ND	ND	ND
PCB 170	ND	ND	202	299	1200	ND	ND	ND	ND
PCB 171 & 173	ND	ND	62.3	78.6	350	ND	ND	ND	ND
PCB 172	ND	ND	38	48.1	190	ND	ND	ND	ND
PCB 174	ND	ND	213	445	1700	ND	ND	ND	ND
PCB 175	ND	ND	7.44	7.34	45	ND	ND	ND	ND
PCB 176	ND	ND	27.3	26.7	150	ND	ND	ND	ND
PCB 177	ND	ND	155	272	820	ND	ND	ND	ND
PCB 178	ND	ND	69.3	120	310	ND	ND	ND	ND
PCB 179	ND	ND	107	213	730	ND	ND	ND	ND
PCB 180 & 193	ND	ND	475	749	2900	ND	ND	ND	ND
PCB 181	ND	ND	1.64	2.91	<2.1	ND	ND	ND	ND
PCB 182	ND	ND	2.1	1.39	7.5	ND	ND	ND	ND
PCB 183	ND	ND	121	108	610	ND	ND	ND	ND

Table 25. Soil chemistry data for sampling sites located in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC03-01_S	SL-CC03-02_P	SL-CC03-03_P	SL-CC03-05_P	SL-CC03-06_S	SL-CC03-07_P	SL-CC03-08_P	SL-CC03-09_S	SL-CC03-10_S
PCBs (µg/kg DW; cont.)									
PCB 184	ND	ND	0.164	<0.15	<0.4	ND	ND	ND	ND
PCB 185	ND	ND	<0.079	52.3	200	ND	ND	ND	ND
PCB 186	ND	ND	0.08	<0.17	<0.39	ND	ND	ND	ND
PCB 187	ND	ND	393	696	2000	ND	ND	ND	ND
PCB 188	ND	ND	0.966	0.42	<0.41	ND	ND	ND	ND
PCB 189	ND	ND	9.88	14.3	50	ND	ND	ND	ND
PCB 190	ND	ND	50.7	99.9	260	ND	ND	ND	ND
PCB 191	ND	ND	6.88	7.18	37	ND	ND	ND	ND
PCB 192	ND	ND	<0.069	<0.48	<1.8	ND	ND	ND	ND
PCB 194	ND	ND	169	202	800	ND	ND	ND	ND
PCB 195	ND	ND	64.8	107	300	ND	ND	ND	ND
PCB 196	ND	ND	77.9	73.5	340	ND	ND	ND	ND
PCB 197	ND	ND	2.49	2.68	16	ND	ND	ND	ND
PCB 198 & 199	ND	ND	264	422	1200	ND	ND	ND	ND
PCB 200	ND	ND	27.8	50.4	150	ND	ND	ND	ND
PCB 201	ND	ND	23.9	23.2	120	ND	ND	ND	ND
PCB 202	ND	ND	69.4	121	330	ND	ND	ND	ND
PCB 203	ND	ND	165	278	760	ND	ND	ND	ND
PCB 204	ND	ND	0.124	0.085	<0.99	ND	ND	ND	ND
PCB 205	ND	ND	9.2	15.4	42	ND	ND	ND	ND
PCB 206	ND	ND	281	360	960	ND	ND	ND	ND
PCB 207	ND	ND	22.8	20.4	79	ND	ND	ND	ND
PCB 208	ND	ND	87.5	106	310	ND	ND	ND	ND
PCB 209	ND	ND	234	216	510	ND	ND	ND	ND
Total PCBs - Homologs	ND	ND	10500	19000	72400	ND	ND	ND	ND
Dioxins and Furans (µg/kg DW)									
Total TCDD	ND	ND	0.0074	0.00226	0.00314	ND	ND	ND	ND

Table 25. Soil chemistry data for sampling sites located in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]								
	SL-CC03-01_S	SL-CC03-02_P	SL-CC03-03_P	SL-CC03-05_P	SL-CC03-06_S	SL-CC03-07_P	SL-CC03-08_P	SL-CC03-09_S	SL-CC03-10_S
Dioxins and Furans (µg/kg DW; cont.)									
2,3,7,8-TCDD	ND	ND	0.000609	0.000437	0.000318	ND	ND	ND	ND
Total PeCDD	ND	ND	0.0129	0.0095	0.00525	ND	ND	ND	ND
1,2,3,7,8-PeCDD	ND	ND	0.00158	0.00135	0.000788	ND	ND	ND	ND
Total HxCDD	ND	ND	0.0864	0.0564	0.0507	ND	ND	ND	ND
1,2,3,4,7,8-HxCDD	ND	ND	0.00267	0.00181	0.00164	ND	ND	ND	ND
1,2,3,6,7,8-HxCDD	ND	ND	0.0103	0.00729	0.00606	ND	ND	ND	ND
1,2,3,7,8,9-HxCDD	ND	ND	0.00948	0.00603	0.00481	ND	ND	ND	ND
Total HpCDD	ND	ND	0.627	0.399	0.307	ND	ND	ND	ND
1,2,3,4,6,7,8-HpCDD	ND	ND	0.324	0.203	0.155	ND	ND	ND	ND
Total OCDD	ND	ND	3.84	2.89	3.21	ND	ND	ND	ND
Total TCDF	ND	ND	1.69	0.225	0.211	ND	ND	ND	ND
2,3,7,8-TCDF	ND	ND	0.202	0.0407	0.0276	ND	ND	ND	ND
Total PeCDF	ND	ND	1.26	0.399	0.234	ND	ND	ND	ND
1,2,3,7,8-PeCDF	ND	ND	0.0596	0.0326	0.0196	ND	ND	ND	ND
2,3,4,7,8-PeCDF	ND	ND	0.119	0.0551	0.0318	ND	ND	ND	ND
Total HxCDF	ND	ND	0.439	0.312	0.213	ND	ND	ND	ND
1,2,3,4,7,8-HxCDF	ND	ND	0.141	0.131	0.0839	ND	ND	ND	ND
1,2,3,6,7,8-HxCDF	ND	ND	0.0409	0.0275	0.0169	ND	ND	ND	ND
1,2,3,7,8,9-HxCDF	ND	ND	0.00323	0.00278	0.00163	ND	ND	ND	ND
2,3,4,6,7,8-HxCDF	ND	ND	0.0195	0.013	0.0085	ND	ND	ND	ND
Total HpCDF	ND	ND	0.171	0.149	0.178	ND	ND	ND	ND
1,2,3,4,6,7,8-HpCDF	ND	ND	<0.142	<0.112	0.0793	ND	ND	ND	ND
1,2,3,4,7,8,9-HpCDF	ND	ND	0.0289	0.0322	0.0243	ND	ND	ND	ND
Total OCDF	ND	ND	0.265	0.251	0.145	ND	ND	ND	ND

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 26. Soil chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]									
	SL-CC04-01_P	SL-CC04-02_S	SL-CC04-04_P	SL-CC04-05_P	SL-CC04-06_P	SL-CC04-09_P	SL-CC04-10_P	SL-CC04-11_S	SL-CC04-17_S	SL-CC04-18_S
Conventionals										
Clay (%)	16	21	12.6	12.3	10.7	14.4	20.5	8.8	9.9	36.9
Silt (%)	78.5	63	57.7	58.1	70.1	66.5	71.4	82.6	61.9	58
Fines (silt+clay; %)	94.5	84	70.3	70.4	80.8	80.9	91.9	91.4	71.8	94.9
Gravel (%)	0	0	0	0.4	0	0	0	0	0	0
Sand (%)	5.5	16	29.7	29.2	19.2	19.1	8.1	8.6	28.2	5.1
Solids (%)	92.2	99	70.8	80.3	82.2	77.3	77.6	76.5	80.8	73.8
Phosphorus (mg/kg)	867	449	400	520	443	459	475	497	403	713
Total Organic Carbon (%)	3.7	1.6	1.2	3.3	2.3	2.1	1.6	3.1	2.9	2.2
Metals (mg/kg DW)										
Aluminum	15800	13800	10000	9740	11800	14400	15200	11200	10000	19600
Antimony	0.15	<0.25	<0.100	<0.100	0.123	<0.100	<0.100	<0.25	<0.25	<0.25
Arsenic	4	3.08	3.22	5.93	3.84	3.4	3.05	3.75	3.34	2.93
Barium	184	82.8	98.2	138	186	146	144	140	123	206
Beryllium	1.21	0.507	0.697	0.821	0.953	0.904	0.896	0.672	0.53	0.725
Cadmium	0.321	<0.25	<0.100	0.22	0.164	0.203	0.161	<0.25	<0.25	<0.25
Calcium	2040	687	862	2770	1760	802	775	1550	1380	1070
Chromium	22.5	10.3	11.8	12.5	10.6	18.3	16.3	7.5	11.6	13.1
Cobalt	14	8.38	9.37	11.5	9.29	9.73	9.35	8.53	8.61	8.27
Copper	27.7	11.6	11.9	16.1	12.2	15.9	15.3	9.69	35.7	21
Iron	21400	20700	15000	19600	15600	17500	17300	16600	17700	18800
Lead	45.2	19.3	27	21.4	42.4	34.9	42.1	21.3	41.9	49.1
Magnesium	1530	1110	1230	1360	1420	1170	1140	1390	1140	1460
Manganese	1590	443	618	969	1060	734	617	779	944	410
Mercury	3.42	0.19	ND	ND	ND	ND	ND	0.139	1	1.16
Molybdenum	0.395	<0.25	0.258	0.345	0.267	0.34	0.269	<0.25	0.288	0.297
Nickel	12.8	7.47	7.35	9.82	9.26	11.3	10.1	7.87	9.43	11.8
Potassium	1050	1090	671	753	843	968	998	793	896	1430

Table 26. Soil chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]									
	SL-CC04-01_P	SL-CC04-02_S	SL-CC04-04_P	SL-CC04-05_P	SL-CC04-06_P	SL-CC04-09_P	SL-CC04-10_P	SL-CC04-11_S	SL-CC04-17_S	SL-CC04-18_S
Metals (mg/kg DW; cont.)										
Selenium	0.791	0.591	0.468	0.581	0.682	0.79	0.743	0.92	0.664	1.1
Silver	0.273	<0.25	0.112	0.103	<0.100	0.334	0.149	<0.25	<0.25	<0.25
Sodium	30.1	23.7	28.7	32.3	27	47.9	33.5	31.1	26.5	32
Thallium	0.256	<0.25	0.141	0.135	0.168	0.28	0.273	<0.25	<0.25	0.369
Vanadium	20.9	14.1	13.4	14.4	13.9	23	23.3	11.2	15	20.7
Zinc	107	75	55.1	74.7	70.6	75.6	61.8	62.2	93.1	89.2
Polychlorinated Biphenyls (PCBs; µg/kg DW)										
Aroclor 1016	<2.21	<1	<2.83	<2.54	<2.46	<2.66	<2.65	<1.29	<1.24	<1.35
Aroclor 1221	<2.30	<1	<2.96	<2.65	<2.56	<2.78	<2.76	<1.29	<1.24	<1.35
Aroclor 1232	<2.30	<1	<2.96	<2.65	<2.56	<2.78	<2.76	<1.29	<1.24	<1.35
Aroclor 1242	<2.30	<1	<2.96	<2.65	<2.56	<2.78	<2.76	<1.29	<1.24	<1.35
Aroclor 1248	778	23.8	140	239	112	243	168	8.77	253	387
Aroclor 1254	2630	208	308	713	215	987	674	93.4	1440	2130
Aroclor 1260	3100	144	558	889	264	1340	837	70.1	912	1230
Total PCBs - Aroclors	6510	378	1010	1850	596	2580	1680	175	2610	3750
PCB 001	17.8	1.5	5.69	ND	ND	ND	ND	ND	16	10
PCB 002	1.79	0.21	0.224	ND	ND	ND	ND	ND	1.5	1.3
PCB 003	19.7	1.9	3.95	ND	ND	ND	ND	ND	15	11
PCB 004	10.1	0.86	4.03	ND	ND	ND	ND	ND	9.1	4.7
PCB 005	<0.66	0.054	<0.12	ND	ND	ND	ND	ND	0.23	0.36
PCB 006	4.89	0.54	1.07	ND	ND	ND	ND	ND	4	2.6
PCB 007	<0.86	0.11	0.196	ND	ND	ND	ND	ND	0.79	0.63
PCB 008	16.1	1.7	3.84	ND	ND	ND	ND	ND	15	9.5
PCB 009	1.09	0.14	0.136	ND	ND	ND	ND	ND	0.93	0.87
PCB 010	0.332	0.041	0.111	ND	ND	ND	ND	ND	0.44	0.21
PCB 011	<0.38	0.11	0.143	ND	ND	ND	ND	ND	0.49	0.24

Table 26. Soil chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]									
	SL-CC04-01_P	SL-CC04-02_S	SL-CC04-04_P	SL-CC04-05_P	SL-CC04-06_P	SL-CC04-09_P	SL-CC04-10_P	SL-CC04-11_S	SL-CC04-17_S	SL-CC04-18_S
PCBs (µg/kg DW; cont.)										
PCB 012 & 013	4.61	0.57	0.674	ND	ND	ND	ND	ND	3.9	3.2
PCB 014	<0.083	<0.021	<0.0059	ND	ND	ND	ND	ND	<0.14	<0.072
PCB 015	53.1	5	6.43	ND	ND	ND	ND	ND	39	24
PCB 016	3.06	0.24	0.373	ND	ND	ND	ND	ND	1.4	1.5
PCB 017	4.25	0.36	2.01	ND	ND	ND	ND	ND	2.9	1.5
PCB 018 & 030	7.26	0.53	1.28	ND	ND	ND	ND	ND	2.9	2.5
PCB 019	1.24	0.17	1.13	ND	ND	ND	ND	ND	2	0.49
PCB 020 & 028	50.9	2.7	5.06	ND	ND	ND	ND	ND	19	15
PCB 021 & 033	6.74	0.48	0.71	ND	ND	ND	ND	ND	2.9	3.2
PCB 022	8.04	0.58	0.9	ND	ND	ND	ND	ND	3.6	3.6
PCB 023	<0.053	<0.021	<0.0038	ND	ND	ND	ND	ND	<0.14	<0.15
PCB 024	<0.011	0.007	0.0106	ND	ND	ND	ND	ND	0.041	0.043
PCB 025	7.78	0.4	1.42	ND	ND	ND	ND	ND	2.6	2
PCB 026 & 029	13.4	0.62	1.89	ND	ND	ND	ND	ND	4.1	4.3
PCB 027	0.883	0.097	0.613	ND	ND	ND	ND	ND	0.84	0.29
PCB 031	39.7	2.1	3.96	ND	ND	ND	ND	ND	17	16
PCB 032	2.64	0.23	1.56	ND	ND	ND	ND	ND	1.9	0.85
PCB 034	0.101	<0.021	0.0321	ND	ND	ND	ND	ND	<0.14	<0.16
PCB 035	0.91	0.051	0.0818	ND	ND	ND	ND	ND	0.5	0.41
PCB 036	<0.046	0.034	<0.0037	ND	ND	ND	ND	ND	0.37	0.77
PCB 037	42.5	2.7	2.83	ND	ND	ND	ND	ND	21	13
PCB 038	<0.054	<0.023	0.0049	ND	ND	ND	ND	ND	<0.15	<0.17
PCB 039	0.452	<0.022	0.0498	ND	ND	ND	ND	ND	0.2	<0.16
PCB 040 & 041 & 071	6.21	ND	2.89	ND	ND	ND	ND	ND	ND	ND
PCB 040 & 071	ND	0.4	ND	ND	ND	ND	ND	ND	2.7	2.6
PCB 041	ND	0.044	ND	ND	ND	ND	ND	ND	0.26	0.3
PCB 042	8.99	0.36	2.29	ND	ND	ND	ND	ND	2.1	3.8
PCB 043	0.864	0.027	0.0503	ND	ND	ND	ND	ND	0.14	0.2

Table 26. Soil chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]									
	SL-CC04-01_P	SL-CC04-02_S	SL-CC04-04_P	SL-CC04-05_P	SL-CC04-06_P	SL-CC04-09_P	SL-CC04-10_P	SL-CC04-11_S	SL-CC04-17_S	SL-CC04-18_S
PCBs (µg/kg DW; cont.)										
PCB 044 & 047 & 065	27.8	1.4	13.4	ND	ND	ND	ND	ND	10	9.7
PCB 045	ND	0.078	ND	ND	ND	ND	ND	ND	0.41	0.55
PCB 045 & 051	1.32	ND	1.14	ND	ND	ND	ND	ND	ND	ND
PCB 046	0.447	0.033	0.137	ND	ND	ND	ND	ND	0.17	0.15
PCB 048	1.81	0.13	0.325	ND	ND	ND	ND	ND	0.73	0.77
PCB 049 & 069	65.4	1.5	12.5	ND	ND	ND	ND	ND	14	26
PCB 050 & 053	1.67	0.13	1.06	ND	ND	ND	ND	ND	1.1	0.79
PCB 051	ND	0.047	ND	ND	ND	ND	ND	ND	0.71	0.12
PCB 052	111	2.5	12.6	ND	ND	ND	ND	ND	17	49
PCB 054	0.052	0.01	0.131	ND	ND	ND	ND	ND	0.2	0.023
PCB 055	<0.024	<0.034	<0.009	ND	ND	ND	ND	ND	<0.25	<0.29
PCB 056	38.7	1.2	4.6	ND	ND	ND	ND	ND	11	12
PCB 057	<0.023	<0.033	<0.0083	ND	ND	ND	ND	ND	<0.25	<0.28
PCB 058	<0.022	<0.033	<0.0086	ND	ND	ND	ND	ND	<0.25	<0.29
PCB 059 & 062 & 075	2.71	0.12	0.857	ND	ND	ND	ND	ND	0.99	1.3
PCB 060	22	0.78	1.44	ND	ND	ND	ND	ND	12	4.8
PCB 061 & 070 & 074 & 076	231	6.7	16.3	ND	ND	ND	ND	ND	65	75
PCB 063	5.3	0.17	0.531	ND	ND	ND	ND	ND	2.2	1.7
PCB 064	21.4	0.64	4.47	ND	ND	ND	ND	ND	7.1	13
PCB 066	237	6.8	14.4	ND	ND	ND	ND	ND	67	56
PCB 067	3.07	0.078	0.215	ND	ND	ND	ND	ND	0.61	0.31
PCB 068	3.18	0.16	0.792	ND	ND	ND	ND	ND	1.1	1.2
PCB 072	4.36	0.15	0.706	ND	ND	ND	ND	ND	1.2	1.8
PCB 073	<0.01	0.012	<0.0014	ND	ND	ND	ND	ND	0.14	<0.059
PCB 077	43.1	2.8	2.96	ND	ND	ND	ND	ND	14	12
PCB 078	<0.024	<0.038	<0.0086	ND	ND	ND	ND	ND	<0.28	<0.32
PCB 079	1.25	0.063	0.433	ND	ND	ND	ND	ND	0.48	1
PCB 080	<0.022	<0.031	<0.0079	ND	ND	ND	ND	ND	<0.23	0.66

Table 26. Soil chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]									
	SL-CC04-01_P	SL-CC04-02_S	SL-CC04-04_P	SL-CC04-05_P	SL-CC04-06_P	SL-CC04-09_P	SL-CC04-10_P	SL-CC04-11_S	SL-CC04-17_S	SL-CC04-18_S
PCBs (µg/kg DW; cont.)										
PCB 081	1.05	0.082	0.07	ND	ND	ND	ND	ND	0.44	0.32
PCB 082	8.45	0.32	2.23	ND	ND	ND	ND	ND	2.2	5.3
PCB 083	ND	<0.18	ND	ND	ND	ND	ND	ND	<1.5	2.5
PCB 083 & 099	177	ND	28.5	ND	ND	ND	ND	ND	ND	ND
PCB 084	7.28	0.22	2.71	ND	ND	ND	ND	ND	1.8	4
PCB 085 & 116 & 117	44.2	1.6	8.66	ND	ND	ND	ND	ND	14	27
PCB 086 & 087 & 097 & 108 & 119 & 125	ND	2.2	ND	ND	ND	ND	ND	ND	22	44
PCB 086 & 087 & 097 & 109 & 119 & 125	102	ND	16.9	ND	ND	ND	ND	ND	ND	ND
PCB 088 & 091	14.2	0.21	6.97	ND	ND	ND	ND	ND	3.5	5.4
PCB 089	0.207	<0.14	0.122	ND	ND	ND	ND	ND	<1.2	<1.6
PCB 090 & 101 & 113	243	6	40.1	ND	ND	ND	ND	ND	55	61
PCB 092	56.6	1.2	8.59	ND	ND	ND	ND	ND	9.9	25
PCB 093 & 098 & 100 & 102	1.79	ND	3.3	ND	ND	ND	ND	ND	ND	ND
PCB 093 & 100	ND	<0.13	ND	ND	ND	ND	ND	ND	<1	<1.5
PCB 094	0.269	<0.14	0.302	ND	ND	ND	ND	ND	<1.1	<1.5
PCB 095	73.2	1.2	14.3	ND	ND	ND	ND	ND	9.9	29
PCB 096	<0.1	0.0077	0.157	ND	ND	ND	ND	ND	0.087	0.12
PCB 098 & 102	ND	<0.12	ND	ND	ND	ND	ND	ND	<0.97	<1.4
PCB 099	ND	4.6	ND	ND	ND	ND	ND	ND	36	63
PCB 103	1.44	<0.12	1.04	ND	ND	ND	ND	ND	<0.96	<1.3
PCB 104	<0.015	0.0012	0.0978	ND	ND	ND	ND	ND	0.053	0.0042
PCB 105	191	9	16.5	ND	ND	ND	ND	ND	62	48
PCB 106	<0.022	<0.11	<0.0087	ND	ND	ND	ND	ND	<0.93	<1.3
PCB 107	30.4	ND	3.65	ND	ND	ND	ND	ND	ND	ND
PCB 107 & 124	ND	0.52	ND	ND	ND	ND	ND	ND	2.7	5.1
PCB 108 & 124	9.83	ND	1.64	ND	ND	ND	ND	ND	ND	ND
PCB 109	ND	1.8	ND	ND	ND	ND	ND	ND	9.8	12
PCB 110 & 115	263	4.8	41.2	ND	ND	ND	ND	ND	56	61

Table 26. Soil chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]									
	SL-CC04-01_P	SL-CC04-02_S	SL-CC04-04_P	SL-CC04-05_P	SL-CC04-06_P	SL-CC04-09_P	SL-CC04-10_P	SL-CC04-11_S	SL-CC04-17_S	SL-CC04-18_S
PCBs (µg/kg DW; cont.)										
PCB 111	<0.4	<0.094	<0.11	ND	ND	ND	ND	ND	<0.76	<1.1
PCB 112	<0.0062	<0.09	<0.0015	ND	ND	ND	ND	ND	<0.73	<1
PCB 114	5.98	0.26	0.52	ND	ND	ND	ND	ND	1.8	2
PCB 118	390	19	36.1	ND	ND	ND	ND	ND	150	140
PCB 120	1.74	0.11	0.307	ND	ND	ND	ND	ND	<0.81	<1.1
PCB 121	0.191	<0.093	0.134	ND	ND	ND	ND	ND	<0.76	<1.1
PCB 122	3.9	0.14	0.488	ND	ND	ND	ND	ND	<0.95	<1.3
PCB 123	5.38	0.49	1.25	ND	ND	ND	ND	ND	2.1	2.5
PCB 126	0.768	0.33	0.157	ND	ND	ND	ND	ND	1.6	2.1
PCB 127	0.32	<0.11	0.0554	ND	ND	ND	ND	ND	<0.93	<1.3
PCB 128 & 166	82	3.8	13.3	ND	ND	ND	ND	ND	22	30
PCB 129 & 138 & 163	651	34	122	ND	ND	ND	ND	ND	250	190
PCB 130	27.7	1.1	5.44	ND	ND	ND	ND	ND	6.6	13
PCB 131	1.24	<0.12	0.438	ND	ND	ND	ND	ND	<0.54	<0.59
PCB 132	87	1.3	17.2	ND	ND	ND	ND	ND	15	31
PCB 133	11.5	0.64	3.4	ND	ND	ND	ND	ND	3.1	4.1
PCB 134 & 143	11.5	0.13	2.03	ND	ND	ND	ND	ND	1.6	4.8
PCB 135 & 151	177	3.1	28.6	ND	ND	ND	ND	ND	35	62
PCB 136	20.3	0.19	5.9	ND	ND	ND	ND	ND	2.7	11
PCB 137	12	0.48	3.34	ND	ND	ND	ND	ND	3.3	5.8
PCB 139 & 140	4.65	0.1	1.33	ND	ND	ND	ND	ND	0.81	1.9
PCB 141	50	1.2	12.3	ND	ND	ND	ND	ND	15	26
PCB 142	<0.11	<0.11	<0.036	ND	ND	ND	ND	ND	<0.5	<0.54
PCB 144	5.85	0.12	1.98	ND	ND	ND	ND	ND	1.5	4.5
PCB 145	<0.0081	<0.071	0.0187	ND	ND	ND	ND	ND	<0.32	<0.35
PCB 146	91.6	5.2	21.9	ND	ND	ND	ND	ND	26	41
PCB 147 & 149	366	6.8	64.8	ND	ND	ND	ND	ND	69	79
PCB 148	1.43	<0.098	0.768	ND	ND	ND	ND	ND	0.54	<0.48

Table 26. Soil chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]									
	SL-CC04-01_P	SL-CC04-02_S	SL-CC04-04_P	SL-CC04-05_P	SL-CC04-06_P	SL-CC04-09_P	SL-CC04-10_P	SL-CC04-11_S	SL-CC04-17_S	SL-CC04-18_S
PCBs (µg/kg DW; cont.)										
PCB 150	0.224	<0.066	0.343	ND	ND	ND	ND	ND	<0.3	<0.32
PCB 152	<0.11	<0.068	0.242	ND	ND	ND	ND	ND	<0.31	<0.33
PCB 153 & 168	492	29	107	ND	ND	ND	ND	ND	210	160
PCB 154	7.56	0.17	2.89	ND	ND	ND	ND	ND	1.4	2.5
PCB 155	<0.011	<0.083	0.0601	ND	ND	ND	ND	ND	<0.43	<0.42
PCB 156 & 157	65.3	4.4	9.71	ND	ND	ND	ND	ND	21	27
PCB 158	26.9	1.4	6.91	ND	ND	ND	ND	ND	8.8	18
PCB 159	6.53	<0.025	0.695	ND	ND	ND	ND	ND	0.14	0.39
PCB 160	<0.082	<0.087	<0.026	ND	ND	ND	ND	ND	<0.4	<0.43
PCB 161	<0.075	<0.076	<0.024	ND	ND	ND	ND	ND	<0.35	<0.37
PCB 162	0.982	0.075	0.209	ND	ND	ND	ND	ND	0.51	0.53
PCB 164	37.1	1.1	5.08	ND	ND	ND	ND	ND	11	16
PCB 165	1.08	<0.087	0.524	ND	ND	ND	ND	ND	0.41	<0.43
PCB 167	20.9	1.5	3.79	ND	ND	ND	ND	ND	6.9	9.2
PCB 169	<0.03	<0.028	0.249	ND	ND	ND	ND	ND	<0.13	<0.22
PCB 170	95.7	8.9	21	ND	ND	ND	ND	ND	50	64
PCB 171 & 173	22.8	1.5	5.93	ND	ND	ND	ND	ND	11	22
PCB 172	15.7	1.6	4.32	ND	ND	ND	ND	ND	8.8	12
PCB 174	128	6.3	22.1	ND	ND	ND	ND	ND	57	78
PCB 175	1.73	0.1	0.717	ND	ND	ND	ND	ND	0.82	2.3
PCB 176	6.21	0.15	2.05	ND	ND	ND	ND	ND	2.2	6
PCB 177	86	6.1	17.9	ND	ND	ND	ND	ND	42	57
PCB 178	44	3.7	11.1	ND	ND	ND	ND	ND	20	23
PCB 179	64.3	2.1	11	ND	ND	ND	ND	ND	21	37
PCB 180 & 193	225	19	52.4	ND	ND	ND	ND	ND	96	110
PCB 181	1.08	0.081	0.215	ND	ND	ND	ND	ND	0.43	0.55
PCB 182	0.576	0.053	0.154	ND	ND	ND	ND	ND	0.23	0.36
PCB 183	31.4	1.9	13.2	ND	ND	ND	ND	ND	15	37

Table 26. Soil chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]									
	SL-CC04-01_P	SL-CC04-02_S	SL-CC04-04_P	SL-CC04-05_P	SL-CC04-06_P	SL-CC04-09_P	SL-CC04-10_P	SL-CC04-11_S	SL-CC04-17_S	SL-CC04-18_S
PCBs (µg/kg DW; cont.)										
PCB 184	<0.0071	<0.0078	0.0168	ND	ND	ND	ND	ND	<0.026	<0.05
PCB 185	11.1	0.6	<0.0068	ND	ND	ND	ND	ND	6.3	11
PCB 186	<0.008	<0.0074	<0.0052	ND	ND	ND	ND	ND	<0.025	<0.048
PCB 187	230	19	53.9	ND	ND	ND	ND	ND	93	110
PCB 188	0.191	0.012	0.158	ND	ND	ND	ND	ND	0.14	0.078
PCB 189	5.47	0.49	1.13	ND	ND	ND	ND	ND	2.2	3
PCB 190	38	3.5	6.28	ND	ND	ND	ND	ND	19	22
PCB 191	2.05	0.18	0.598	ND	ND	ND	ND	ND	1.2	2.4
PCB 192	<0.024	<0.012	0.0065	ND	ND	ND	ND	ND	<0.072	<0.11
PCB 194	72.4	5.5	15.7	ND	ND	ND	ND	ND	28	41
PCB 195	36.8	2.2	6.28	ND	ND	ND	ND	ND	12	16
PCB 196	21.8	1.6	5.87	ND	ND	ND	ND	ND	9.3	19
PCB 197	1.1	0.086	0.315	ND	ND	ND	ND	ND	0.63	0.97
PCB 198 & 199	150	12	29	ND	ND	ND	ND	ND	57	73
PCB 200	13	0.64	2.43	ND	ND	ND	ND	ND	4.4	6.2
PCB 201	6.86	0.43	2.29	ND	ND	ND	ND	ND	2.6	5.9
PCB 202	45.9	3.3	10.2	ND	ND	ND	ND	ND	15	20
PCB 203	97.4	7.6	18.1	ND	ND	ND	ND	ND	36	46
PCB 204	0.051	<0.027	0.0125	ND	ND	ND	ND	ND	<0.032	<0.05
PCB 205	5.71	0.46	1.15	ND	ND	ND	ND	ND	2.1	2.7
PCB 206	151	12	33.6	ND	ND	ND	ND	ND	50	62
PCB 207	8.55	0.62	2.02	ND	ND	ND	ND	ND	3	4.8
PCB 208	50.2	4.1	10	ND	ND	ND	ND	ND	17	21
PCB 209	142	9.7	27.4	ND	ND	ND	ND	ND	35	46
Total PCBs - Homologs	6060	341	1090	ND	ND	ND	ND	ND	2140	2100
Dioxins and Furans (µg/kg DW)										
Total TCDD	0.000233	<0.000138	0.000201	ND	ND	ND	ND	ND	0.0015	0.000608

Table 26. Soil chemistry data for sampling sites located in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]									
	SL-CC04-01_P	SL-CC04-02_S	SL-CC04-04_P	SL-CC04-05_P	SL-CC04-06_P	SL-CC04-09_P	SL-CC04-10_P	SL-CC04-11_S	SL-CC04-17_S	SL-CC04-18_S
Dioxins and Furans (µg/kg DW; cont.)										
2,3,7,8-TCDD	0.000233	<0.000138	<0.000102	ND	ND	ND	ND	ND	0.000209	0.000121
Total PeCDD	0.0022	0.000194	0.000556	ND	ND	ND	ND	ND	0.00341	0.00396
1,2,3,7,8-PeCDD	0.000678	0.000194	0.000211	ND	ND	ND	ND	ND	0.000413	0.000381
Total HxCDD	0.0319	0.0245	0.0123	ND	ND	ND	ND	ND	0.0241	0.0267
1,2,3,4,7,8-HxCDD	0.00119	0.00118	0.000484	ND	ND	ND	ND	ND	0.000916	0.000998
1,2,3,6,7,8-HxCDD	0.00442	0.00247	0.00114	ND	ND	ND	ND	ND	0.00259	0.00257
1,2,3,7,8,9-HxCDD	0.00403	0.00329	0.00143	ND	ND	ND	ND	ND	0.00266	0.00294
Total HpCDD	0.277	0.329	0.123	ND	ND	ND	ND	ND	0.148	0.173
1,2,3,4,6,7,8-HpCDD	0.137	0.172	0.0583	ND	ND	ND	ND	ND	0.0707	0.0831
Total OCDD	2.57	5.09	1.87	ND	ND	ND	ND	ND	1.44	2.31
Total TCDF	0.057	0.00993	0.0177	ND	ND	ND	ND	ND	0.0399	0.0478
2,3,7,8-TCDF	0.0142	0.00188	0.00431	ND	ND	ND	ND	ND	0.0085	<0.0059
Total PeCDF	0.123	0.0101	0.0256	ND	ND	ND	ND	ND	0.0543	0.0734
1,2,3,7,8-PeCDF	0.00931	0.000801	0.00196	ND	ND	ND	ND	ND	0.00506	0.00615
2,3,4,7,8-PeCDF	0.0197	0.00157	0.00378	ND	ND	ND	ND	ND	0.0074	0.00964
Total HxCDF	0.121	0.0203	0.0262	ND	ND	ND	ND	ND	0.0629	0.072
1,2,3,4,7,8-HxCDF	0.0488	0.00408	0.00896	ND	ND	ND	ND	ND	0.0235	0.0257
1,2,3,6,7,8-HxCDF	0.0103	0.00113	0.00226	ND	ND	ND	ND	ND	0.00508	0.00538
1,2,3,7,8,9-HxCDF	0.000971	0.000252	0.000242	ND	ND	ND	ND	ND	0.000485	0.000749
2,3,4,6,7,8-HxCDF	0.00554	0.000765	0.00132	ND	ND	ND	ND	ND	0.00276	0.00298
Total HpCDF	0.126	0.044	0.028	ND	ND	ND	ND	ND	0.069	0.0627
1,2,3,4,6,7,8-HpCDF	0.0584	0.0191	0.0142	ND	ND	ND	ND	ND	0.0346	0.0321
1,2,3,4,7,8,9-HpCDF	0.014	0.00255	0.00227	ND	ND	ND	ND	ND	0.00587	0.00617
Total OCDF	0.124	0.0437	<0.0228	ND	ND	ND	ND	ND	0.051	0.0473

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 27. Soil chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC07-02_P	SL-CC07-05_P	SL-CC07-06_P	SL-CC07-07_P	SL-CC07-08_P	SL-CC07-09_P	SL-CC07-10_P	SL-CC07-11_S	SL-CC07-12_S	SL-CC07-13_S	SL-CC08-06_S [2]
Conventionals											
Clay (%)	4.3	13.1	19.6	21.4	16.1	2.4	4.5	12.3	17.7	20	13.8
Silt (%)	46.4	62	77.4	75.6	73.7	25.3	50.1	58.6	69.6	76.8	57.7
Fines (silt+clay; %)	50.7	75.1	97	97	89.8	27.7	54.6	70.9	87.3	96.8	71.5
Gravel (%)	0	0	0.1	0	0	0	0	0	0	0	0
Sand (%)	49.3	24.9	2.9	3	10.2	72.3	45.4	29.1	12.7	3.2	28.5
Solids (%)	74.6	75.7	83	81.4	66.8	86.7	79.1	79	79.8	70.3	96
Phosphorus (mg/kg)	598	789	385	402	757	384	512	963	516	681	472
Total Organic Carbon (%)	5.3	4.5	2	2.1	4.5	2.3	2.4	2.6	2.1	3.4	2.5
Metals (mg/kg DW)											
Aluminum	6320	10900	11800	14600	23100	5320	7240	9370	15500	13200	9430
Antimony	<0.100	0.167	<0.100	<0.100	<0.100	0.135	<0.100	<0.25	<0.25	<0.25	<0.25
Arsenic	2.84	4.24	3.15	6.71	16	2.55	2.42	3.82	9.43	10.1	3.78
Barium	92.7	145	86.7	141	140	61.9	122	137	104	155	74
Beryllium	0.573	0.789	0.735	0.919	0.939	0.529	0.599	0.556	0.631	0.479	0.465
Cadmium	0.706	1.36	0.145	0.167	0.161	0.102	0.942	1.86	<0.25	<0.25	<0.25
Calcium	2850	3640	1440	2130	3160	2060	2660	2110	2200	2390	1890
Chromium	15	24.9	12.9	14.9	22.2	8.98	16.9	26	13.7	12.1	7.91
Cobalt	8.24	11.6	7.88	12	12.8	8.25	7.43	10.1	10.4	13.9	8.85
Copper	19.9	28.5	10.4	17	18.1	8.05	15.3	26.2	20	14.7	9.14
Iron	13100	18900	14400	19500	31800	12600	12200	18300	22300	22100	18300
Lead	24.2	44.1	21.8	30.7	47	9	23.2	151	37	42.6	15.6
Magnesium	989	1520	895	1140	1170	977	965	1130	986	688	1050
Manganese	687	1040	332	1200	814	621	684	1060	696	735	556
Mercury	ND	ND	ND	ND	ND	ND	ND	3.72	0.0646	0.0951	0.0834
Molybdenum	0.333	0.448	0.223	0.355	0.558	0.313	0.3	0.386	0.404	0.424	0.331
Nickel	8.06	12.2	7.94	21.8	17.1	6.58	8.62	10.4	11.4	11.4	7.71

Table 27. Soil chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC07-02_P	SL-CC07-05_P	SL-CC07-06_P	SL-CC07-07_P	SL-CC07-08_P	SL-CC07-09_P	SL-CC07-10_P	SL-CC07-11_S	SL-CC07-12_S	SL-CC07-13_S	SL-CC08-06_S [2]
Metals (mg/kg DW; cont.)											
Potassium	518	842	795	588	880	424	566	731	592	504	840
Selenium	0.443	0.719	0.582	0.84	1.08	0.381	0.389	0.788	1	1.2	0.569
Silver	0.208	0.426	<0.100	<0.100	0.953	<0.100	0.245	0.433	<0.25	<0.25	<0.25
Sodium	22	34.9	30.1	47.4	49.7	15	18	23.4	66.2	25.6	23.2
Thallium	0.116	0.284	0.191	0.274	0.424	<0.100	0.115	<0.25	0.314	0.341	<0.25
Vanadium	10.5	16.5	22.4	35.4	58.7	8.71	10.3	12.6	32.7	32.7	11.4
Zinc	84.5	140	36.3	41.9	60.3	38.6	83.5	167	57.8	55	50.9
Polychlorinated Biphenyls (PCBs; µg/kg DW)											
Aroclor 1016	<2.71	<2.69	<2.48	<2.52	<3.04	<2.32	<2.57	<1.26	<1.25	<1.42	<1.04
Aroclor 1221	<2.83	<2.81	<2.58	<2.63	<3.18	<2.42	<2.68	<1.26	<1.25	<1.42	<1.04
Aroclor 1232	<2.83	<2.81	<2.58	<2.63	<3.18	<2.42	<2.68	<1.26	<1.25	<1.42	<1.04
Aroclor 1242	<2.83	<2.81	<2.58	<2.63	<3.18	<2.42	<2.68	<1.26	<1.25	<1.42	<1.04
Aroclor 1248	558	402	16.4	2.77	<3.18	3.56	409	1880	5.31	<1.42	14.4
Aroclor 1254	1010	832	64.4	17.2	<3.18	6.93	1040	6140	14.9	6.38	56.5
Aroclor 1260	1030	937	149	37.3	4.04	19.4	1610	3390	10.5	5.11	38.5
Total PCBs - Aroclors	2600	2180	235	62.5	13.5	34.7	3060	11400	33.2	15	111
PCB 001	ND	ND	ND	ND	ND	ND	12.9	11	0.12	0.0071	ND
PCB 002	ND	ND	ND	ND	ND	ND	0.929	1.1	0.018	0.0025	ND
PCB 003	ND	ND	ND	ND	ND	ND	12.1	13	0.12	0.0066	ND
PCB 004	ND	ND	ND	ND	ND	ND	10.8	5.8	0.047	<0.012	ND
PCB 005	ND	ND	ND	ND	ND	ND	<0.013	<1.2	<0.0065	<0.0073	ND
PCB 006	ND	ND	ND	ND	ND	ND	3.81	3.7	0.028	<0.0074	ND
PCB 007	ND	ND	ND	ND	ND	ND	0.589	<1.1	0.0064	<0.0069	ND
PCB 008	ND	ND	ND	ND	ND	ND	12.2	15	0.12	<0.0072	ND
PCB 009	ND	ND	ND	ND	ND	ND	0.698	<1.2	0.0098	<0.0078	ND

Table 27. Soil chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC07-02_P	SL-CC07-05_P	SL-CC07-06_P	SL-CC07-07_P	SL-CC07-08_P	SL-CC07-09_P	SL-CC07-10_P	SL-CC07-11_S	SL-CC07-12_S	SL-CC07-13_S	SL-CC08-06_S [2]
PCBs (µg/kg DW; cont.)											
PCB 010	ND	ND	ND	ND	ND	ND	<0.34	0.35	<0.0059	<0.0084	ND
PCB 011	ND	ND	ND	ND	ND	ND	0.396	<1.3	0.011	0.0088	ND
PCB 012 & 013	ND	ND	ND	ND	ND	ND	2.55	5.5	0.027	<0.0077	ND
PCB 014	ND	ND	ND	ND	ND	ND	<0.012	<1.1	<0.0056	<0.0064	ND
PCB 015	ND	ND	ND	ND	ND	ND	33.5	73	0.24	0.033	ND
PCB 016	ND	ND	ND	ND	ND	ND	1.9	2	0.013	0.002	ND
PCB 017	ND	ND	ND	ND	ND	ND	4.23	3.1	0.015	0.0027	ND
PCB 018 & 030	ND	ND	ND	ND	ND	ND	5.51	5.2	0.027	0.0046	ND
PCB 019	ND	ND	ND	ND	ND	ND	2.17	1.2	0.0069	<0.0015	ND
PCB 020 & 028	ND	ND	ND	ND	ND	ND	20.4	54	0.12	0.023	ND
PCB 021 & 033	ND	ND	ND	ND	ND	ND	3.46	6.5	0.029	0.0056	ND
PCB 022	ND	ND	ND	ND	ND	ND	3.54	8	0.026	0.0048	ND
PCB 023	ND	ND	ND	ND	ND	ND	<0.049	<1.5	<0.0028	<0.0012	ND
PCB 024	ND	ND	ND	ND	ND	ND	<0.019	<0.095	<0.0008	<0.00096	ND
PCB 025	ND	ND	ND	ND	ND	ND	4.15	10	0.012	0.0017	ND
PCB 026 & 029	ND	ND	ND	ND	ND	ND	7.75	20	0.021	0.0042	ND
PCB 027	ND	ND	ND	ND	ND	ND	0.934	2.2	0.0079	0.0012	ND
PCB 031	ND	ND	ND	ND	ND	ND	21.8	50	0.082	0.017	ND
PCB 032	ND	ND	ND	ND	ND	ND	2.75	3.2	0.014	0.0021	ND
PCB 034	ND	ND	ND	ND	ND	ND	0.083	<1.7	<0.0029	<0.0013	ND
PCB 035	ND	ND	ND	ND	ND	ND	0.337	<1.9	<0.0033	<0.0015	ND
PCB 036	ND	ND	ND	ND	ND	ND	<0.043	2.8	0.0042	<0.0013	ND
PCB 037	ND	ND	ND	ND	ND	ND	16.4	59	0.11	0.026	ND
PCB 038	ND	ND	ND	ND	ND	ND	<0.05	<1.9	<0.0031	<0.0014	ND
PCB 039	ND	ND	ND	ND	ND	ND	0.205	<1.7	<0.003	<0.0013	ND
PCB 040 & 041 & 071	ND	ND	ND	ND	ND	ND	3.84	ND	ND	ND	ND
PCB 040 & 071	ND	ND	ND	ND	ND	ND	ND	47	0.099	0.017	ND

Table 27. Soil chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC07-02_P	SL-CC07-05_P	SL-CC07-06_P	SL-CC07-07_P	SL-CC07-08_P	SL-CC07-09_P	SL-CC07-10_P	SL-CC07-11_S	SL-CC07-12_S	SL-CC07-13_S	SL-CC08-06_S [2]
PCBs (µg/kg DW; cont.)											
PCB 041	ND	ND	ND	ND	ND	ND	ND	2.2	0.0056	<0.00071	ND
PCB 042	ND	ND	ND	ND	ND	ND	3.32	34	0.07	0.014	ND
PCB 043	ND	ND	ND	ND	ND	ND	<0.032	<0.45	0.0031	<0.00063	ND
PCB 044 & 047 & 065	ND	ND	ND	ND	ND	ND	14.9	160	0.24	0.064	ND
PCB 045	ND	ND	ND	ND	ND	ND	ND	7.6	0.012	0.0027	ND
PCB 045 & 051	ND	ND	ND	ND	ND	ND	1.65	ND	ND	ND	ND
PCB 046	ND	ND	ND	ND	ND	ND	0.336	3.4	0.004	<0.00066	ND
PCB 048	ND	ND	ND	ND	ND	ND	0.945	5.3	0.015	0.0021	ND
PCB 049 & 069	ND	ND	ND	ND	ND	ND	38.7	180	0.21	0.057	ND
PCB 050 & 053	ND	ND	ND	ND	ND	ND	1.81	14	0.04	0.0053	ND
PCB 051	ND	ND	ND	ND	ND	ND	ND	3	0.011	0.00095	ND
PCB 052	ND	ND	ND	ND	ND	ND	56.6	370	0.35	0.11	ND
PCB 054	ND	ND	ND	ND	ND	ND	0.246	0.2	0.0019	<0.00044	ND
PCB 055	ND	ND	ND	ND	ND	ND	<0.052	<2.1	<0.0028	<0.0014	ND
PCB 056	ND	ND	ND	ND	ND	ND	10.2	67	0.095	0.031	ND
PCB 057	ND	ND	ND	ND	ND	ND	0.187	<2.3	<0.0028	<0.0014	ND
PCB 058	ND	ND	ND	ND	ND	ND	0.241	<2.3	<0.0028	<0.0014	ND
PCB 059 & 062 & 075	ND	ND	ND	ND	ND	ND	1.44	12	0.024	0.006	ND
PCB 060	ND	ND	ND	ND	ND	ND	8.89	30	0.039	0.013	ND
PCB 061 & 070 & 074 & 076	ND	ND	ND	ND	ND	ND	79.4	280	0.25	0.099	ND
PCB 063	ND	ND	ND	ND	ND	ND	2.09	5.1	0.014	0.0028	ND
PCB 064	ND	ND	ND	ND	ND	ND	14	70	0.13	0.03	ND
PCB 066	ND	ND	ND	ND	ND	ND	58.6	340	0.31	0.12	ND
PCB 067	ND	ND	ND	ND	ND	ND	0.893	3	0.0042	<0.0013	ND
PCB 068	ND	ND	ND	ND	ND	ND	1.9	2.8	0.0079	0.0044	ND
PCB 072	ND	ND	ND	ND	ND	ND	2.6	4.3	0.0072	0.0051	ND
PCB 073	ND	ND	ND	ND	ND	ND	0.14	2.9	0.0023	0.0012	ND

Table 27. Soil chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC07-02_P	SL-CC07-05_P	SL-CC07-06_P	SL-CC07-07_P	SL-CC07-08_P	SL-CC07-09_P	SL-CC07-10_P	SL-CC07-11_S	SL-CC07-12_S	SL-CC07-13_S	SL-CC08-06_S [2]
PCBs (µg/kg DW; cont.)											
PCB 077	ND	ND	ND	ND	ND	ND	11.4	54	0.082	0.03	ND
PCB 078	ND	ND	ND	ND	ND	ND	<0.051	<2.6	<0.0032	<0.0016	ND
PCB 079	ND	ND	ND	ND	ND	ND	0.228	4.4	0.0063	0.0028	ND
PCB 080	ND	ND	ND	ND	ND	ND	<0.045	<2.1	<0.0026	<0.0013	ND
PCB 081	ND	ND	ND	ND	ND	ND	0.31	<3.5	<0.0033	<0.0017	ND
PCB 082	ND	ND	ND	ND	ND	ND	2.58	37	0.069	0.018	ND
PCB 083	ND	ND	ND	ND	ND	ND	ND	<10	<0.018	<0.0074	ND
PCB 083 & 099	ND	ND	ND	ND	ND	ND	67.9	ND	ND	ND	ND
PCB 084	ND	ND	ND	ND	ND	ND	3.02	58	0.074	0.021	ND
PCB 085 & 116 & 117	ND	ND	ND	ND	ND	ND	22.3	75	0.13	0.071	ND
PCB 086 & 087 & 097 & 108 & 119 & 125	ND	ND	ND	ND	ND	ND	ND	240	0.31	0.11	ND
PCB 086 & 087 & 097 & 109 & 119 & 125	ND	ND	ND	ND	ND	ND	40.7	ND	ND	ND	ND
PCB 088 & 091	ND	ND	ND	ND	ND	ND	9.04	48	0.06	0.019	ND
PCB 089	ND	ND	ND	ND	ND	ND	0.11	<8.8	<0.014	<0.0059	ND
PCB 090 & 101 & 113	ND	ND	ND	ND	ND	ND	113	440	0.46	0.17	ND
PCB 092	ND	ND	ND	ND	ND	ND	29.3	88	0.076	0.036	ND
PCB 093 & 098 & 100 & 102	ND	ND	ND	ND	ND	ND	1.75	ND	ND	ND	ND
PCB 093 & 100	ND	ND	ND	ND	ND	ND	ND	<7.9	<0.013	<0.0053	ND
PCB 094	ND	ND	ND	ND	ND	ND	0.256	<8.3	<0.014	<0.0056	ND
PCB 095	ND	ND	ND	ND	ND	ND	30.9	270	0.24	0.082	ND
PCB 096	ND	ND	ND	ND	ND	ND	0.125	1.5	0.0036	0.00054	ND
PCB 098 & 102	ND	ND	ND	ND	ND	ND	ND	8.1	0.017	<0.0049	ND
PCB 099	ND	ND	ND	ND	ND	ND	ND	210	0.36	0.17	ND
PCB 103	ND	ND	ND	ND	ND	ND	1.31	<7.4	<0.012	<0.0048	ND
PCB 104	ND	ND	ND	ND	ND	ND	0.057	0.068	<0.00023	<0.00024	ND
PCB 105	ND	ND	ND	ND	ND	ND	68	220	0.42	0.18	ND
PCB 106	ND	ND	ND	ND	ND	ND	<0.049	<6.5	<0.011	<0.0047	ND

Table 27. Soil chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC07-02_P	SL-CC07-05_P	SL-CC07-06_P	SL-CC07-07_P	SL-CC07-08_P	SL-CC07-09_P	SL-CC07-10_P	SL-CC07-11_S	SL-CC07-12_S	SL-CC07-13_S	SL-CC08-06_S [2]
PCBs (µg/kg DW; cont.)											
PCB 107	ND	ND	ND	ND	ND	ND	11.2	ND	ND	ND	ND
PCB 107 & 124	ND	ND	ND	ND	ND	ND	ND	12	0.023	0.014	ND
PCB 108 & 124	ND	ND	ND	ND	ND	ND	4.16	ND	ND	ND	ND
PCB 109	ND	ND	ND	ND	ND	ND	ND	29	0.088	0.042	ND
PCB 110 & 115	ND	ND	ND	ND	ND	ND	124	510	0.6	0.2	ND
PCB 111	ND	ND	ND	ND	ND	ND	0.287	<5.5	<0.0093	<0.0038	ND
PCB 112	ND	ND	ND	ND	ND	ND	<0.02	<5.7	<0.009	<0.0037	ND
PCB 114	ND	ND	ND	ND	ND	ND	1.59	<7.6	0.017	<0.0047	ND
PCB 118	ND	ND	ND	ND	ND	ND	149	410	0.9	0.35	ND
PCB 120	ND	ND	ND	ND	ND	ND	0.777	<5.8	<0.0099	0.0057	ND
PCB 121	ND	ND	ND	ND	ND	ND	0.201	<5.6	<0.0093	<0.0038	ND
PCB 122	ND	ND	ND	ND	ND	ND	1.14	7.8	0.013	0.0058	ND
PCB 123	ND	ND	ND	ND	ND	ND	2.66	7.4	0.02	0.01	ND
PCB 126	ND	ND	ND	ND	ND	ND	0.388	<12	0.02	0.01	ND
PCB 127	ND	ND	ND	ND	ND	ND	0.079	<6.4	<0.011	<0.0047	ND
PCB 128 & 166	ND	ND	ND	ND	ND	ND	33	90	0.25	0.13	ND
PCB 129 & 138 & 163	ND	ND	ND	ND	ND	ND	344	710	1.9	0.97	ND
PCB 130	ND	ND	ND	ND	ND	ND	14.3	36	0.068	0.043	ND
PCB 131	ND	ND	ND	ND	ND	ND	0.58	<5	<0.01	<0.0043	ND
PCB 132	ND	ND	ND	ND	ND	ND	46.1	170	0.15	0.058	ND
PCB 133	ND	ND	ND	ND	ND	ND	7.39	9.6	0.031	0.021	ND
PCB 134 & 143	ND	ND	ND	ND	ND	ND	4.95	23	0.024	0.0082	ND
PCB 135 & 151	ND	ND	ND	ND	ND	ND	102	250	0.22	0.11	ND
PCB 136	ND	ND	ND	ND	ND	ND	10.1	59	0.045	0.018	ND
PCB 137	ND	ND	ND	ND	ND	ND	3.47	17	0.038	0.018	ND
PCB 139 & 140	ND	ND	ND	ND	ND	ND	2.28	6.5	0.013	0.0059	ND
PCB 141	ND	ND	ND	ND	ND	ND	27.2	97	0.1	0.042	ND

Table 27. Soil chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC07-02_P	SL-CC07-05_P	SL-CC07-06_P	SL-CC07-07_P	SL-CC07-08_P	SL-CC07-09_P	SL-CC07-10_P	SL-CC07-11_S	SL-CC07-12_S	SL-CC07-13_S	SL-CC08-06_S [2]
PCBs (µg/kg DW; cont.)											
PCB 142	ND	ND	ND	ND	ND	ND	<0.13	<4.5	<0.0094	<0.004	ND
PCB 144	ND	ND	ND	ND	ND	ND	2.89	19	0.023	0.008	ND
PCB 145	ND	ND	ND	ND	ND	ND	<0.02	<3.1	<0.006	<0.0025	ND
PCB 146	ND	ND	ND	ND	ND	ND	50.8	93	0.29	0.17	ND
PCB 147 & 149	ND	ND	ND	ND	ND	ND	218	560	0.48	0.21	ND
PCB 148	ND	ND	ND	ND	ND	ND	0.912	<4.2	<0.0084	<0.0035	ND
PCB 150	ND	ND	ND	ND	ND	ND	0.176	<2.9	<0.0056	<0.0024	ND
PCB 152	ND	ND	ND	ND	ND	ND	0.113	<3.1	<0.0058	<0.0024	ND
PCB 153 & 168	ND	ND	ND	ND	ND	ND	287	560	1.5	0.87	ND
PCB 154	ND	ND	ND	ND	ND	ND	3.78	8.6	0.013	0.007	ND
PCB 155	ND	ND	ND	ND	ND	ND	0.035	<2.1	<0.0073	<0.0027	ND
PCB 156 & 157	ND	ND	ND	ND	ND	ND	25.1	73	0.22	0.08	ND
PCB 158	ND	ND	ND	ND	ND	ND	13.1	43	0.12	0.056	ND
PCB 159	ND	ND	ND	ND	ND	ND	3.03	<0.87	<0.0023	<0.0013	ND
PCB 160	ND	ND	ND	ND	ND	ND	<0.1	<3.6	<0.0074	<0.0031	ND
PCB 161	ND	ND	ND	ND	ND	ND	<0.093	<3.2	<0.0065	<0.0027	ND
PCB 162	ND	ND	ND	ND	ND	ND	0.426	1.7	0.0064	0.0042	ND
PCB 164	ND	ND	ND	ND	ND	ND	17.6	41	0.07	0.037	ND
PCB 165	ND	ND	ND	ND	ND	ND	1.34	<3.8	<0.0075	<0.0031	ND
PCB 167	ND	ND	ND	ND	ND	ND	8.66	22	0.071	0.037	ND
PCB 169	ND	ND	ND	ND	ND	ND	0.492	<1.4	<0.0026	<0.0015	ND
PCB 170	ND	ND	ND	ND	ND	ND	52.4	120	0.65	0.24	ND
PCB 171 & 173	ND	ND	ND	ND	ND	ND	13.7	37	0.15	0.058	ND
PCB 172	ND	ND	ND	ND	ND	ND	10.5	20	0.11	0.059	ND
PCB 174	ND	ND	ND	ND	ND	ND	90.5	200	0.42	0.18	ND
PCB 175	ND	ND	ND	ND	ND	ND	1.02	4.3	0.016	0.0078	ND
PCB 176	ND	ND	ND	ND	ND	ND	3.34	14	0.031	0.011	ND

Table 27. Soil chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC07-02_P	SL-CC07-05_P	SL-CC07-06_P	SL-CC07-07_P	SL-CC07-08_P	SL-CC07-09_P	SL-CC07-10_P	SL-CC07-11_S	SL-CC07-12_S	SL-CC07-13_S	SL-CC08-06_S [2]
PCBs (µg/kg DW; cont.)											
PCB 177	ND	ND	ND	ND	ND	ND	66.9	120	0.4	0.16	ND
PCB 178	ND	ND	ND	ND	ND	ND	34.6	49	0.2	0.11	ND
PCB 179	ND	ND	ND	ND	ND	ND	43.9	97	0.18	0.08	ND
PCB 180 & 193	ND	ND	ND	ND	ND	ND	128	270	1.1	0.41	ND
PCB 181	ND	ND	ND	ND	ND	ND	0.588	<0.38	0.0043	<0.00078	ND
PCB 182	ND	ND	ND	ND	ND	ND	0.261	1.3	0.0056	0.0038	ND
PCB 183	ND	ND	ND	ND	ND	ND	17.9	56	0.24	0.098	ND
PCB 184	ND	ND	ND	ND	ND	ND	<0.015	<0.22	<0.00072	0.00055	ND
PCB 185	ND	ND	ND	ND	ND	ND	8.5	22	0.055	0.015	ND
PCB 186	ND	ND	ND	ND	ND	ND	<0.017	<0.22	<0.00068	<0.00049	ND
PCB 187	ND	ND	ND	ND	ND	ND	171	280	1.2	0.6	ND
PCB 188	ND	ND	ND	ND	ND	ND	0.16	<0.21	0.0016	0.0018	ND
PCB 189	ND	ND	ND	ND	ND	ND	2.51	5.8	0.027	0.012	ND
PCB 190	ND	ND	ND	ND	ND	ND	24.2	31	0.16	0.062	ND
PCB 191	ND	ND	ND	ND	ND	ND	1.02	3.9	0.016	0.0061	ND
PCB 192	ND	ND	ND	ND	ND	ND	<0.048	<0.33	<0.0016	<0.00072	ND
PCB 194	ND	ND	ND	ND	ND	ND	37.2	81	0.4	0.19	ND
PCB 195	ND	ND	ND	ND	ND	ND	22.6	40	0.13	0.052	ND
PCB 196	ND	ND	ND	ND	ND	ND	10.3	32	0.18	0.12	ND
PCB 197	ND	ND	ND	ND	ND	ND	0.36	1.6	0.012	0.0082	ND
PCB 198 & 199	ND	ND	ND	ND	ND	ND	91.8	160	1	0.93	ND
PCB 200	ND	ND	ND	ND	ND	ND	8.85	20	0.055	0.029	ND
PCB 201	ND	ND	ND	ND	ND	ND	3.47	12	0.064	0.049	ND
PCB 202	ND	ND	ND	ND	ND	ND	32.4	45	0.3	0.36	ND
PCB 203	ND	ND	ND	ND	ND	ND	56.7	100	0.52	0.35	ND
PCB 204	ND	ND	ND	ND	ND	ND	<0.021	<0.26	<0.0015	<0.0025	ND
PCB 205	ND	ND	ND	ND	ND	ND	3.27	5.9	0.025	0.014	ND

Table 27. Soil chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC07-02_P	SL-CC07-05_P	SL-CC07-06_P	SL-CC07-07_P	SL-CC07-08_P	SL-CC07-09_P	SL-CC07-10_P	SL-CC07-11_S	SL-CC07-12_S	SL-CC07-13_S	SL-CC08-06_S [2]
PCBs (µg/kg DW; cont.)											
PCB 206	ND	ND	ND	ND	ND	ND	63.6	130	1.8	2.4	ND
PCB 207	ND	ND	ND	ND	ND	ND	3.79	9.1	0.14	0.17	ND
PCB 208	ND	ND	ND	ND	ND	ND	25	45	0.75	1.1	ND
PCB 209	ND	ND	ND	ND	ND	ND	54	76	2.2	3	ND
Total PCBs - Homologs	ND	ND	ND	ND	ND	ND	3020	7890	25.6	18.9	ND
Dioxins and Furans (µg/kg DW)											
Total TCDD	ND	ND	ND	ND	ND	ND	0.00115	0.00359	0.000153	<0.000188	ND
2,3,7,8-TCDD	ND	ND	ND	ND	ND	ND	<0.000103	0.000287	<0.000102	<0.000188	ND
Total PeCDD	ND	ND	ND	ND	ND	ND	0.00387	0.00842	0.000653	0.00167	ND
1,2,3,7,8-PeCDD	ND	ND	ND	ND	ND	ND	0.000313	0.000669	0.000151	0.000187	ND
Total HxCDD	ND	ND	ND	ND	ND	ND	0.0198	0.0585	0.011	0.0263	ND
1,2,3,4,7,8-HxCDD	ND	ND	ND	ND	ND	ND	0.000585	0.00185	0.000411	0.000901	ND
1,2,3,6,7,8-HxCDD	ND	ND	ND	ND	ND	ND	0.00269	0.00785	0.000651	0.00137	ND
1,2,3,7,8,9-HxCDD	ND	ND	ND	ND	ND	ND	0.0018	0.00484	0.00114	0.00274	ND
Total HpCDD	ND	ND	ND	ND	ND	ND	0.15	0.372	0.0898	0.205	ND
1,2,3,4,6,7,8-HpCDD	ND	ND	ND	ND	ND	ND	0.0783	0.186	0.0369	0.0881	ND
Total OCDD	ND	ND	ND	ND	ND	ND	1.38	2.7	1.2	2.06	ND
Total TCDF	ND	ND	ND	ND	ND	ND	0.0625	0.169	0.00149	0.00139	ND
2,3,7,8-TCDF	ND	ND	ND	ND	ND	ND	0.0137	0.031	0.000385	0.000413	ND
Total PeCDF	ND	ND	ND	ND	ND	ND	0.081	0.249	0.00103	0.00232	ND
1,2,3,7,8-PeCDF	ND	ND	ND	ND	ND	ND	0.00675	0.0165	<0.000134	0.000289	ND
2,3,4,7,8-PeCDF	ND	ND	ND	ND	ND	ND	0.0111	0.0284	0.000162	0.000243	ND
Total HxCDF	ND	ND	ND	ND	ND	ND	0.0758	0.196	0.00217	0.00496	ND
1,2,3,4,7,8-HxCDF	ND	ND	ND	ND	ND	ND	0.0282	0.0673	0.000383	0.000768	ND
1,2,3,6,7,8-HxCDF	ND	ND	ND	ND	ND	ND	0.00604	0.0134	0.000168	0.000332	ND
1,2,3,7,8,9-HxCDF	ND	ND	ND	ND	ND	ND	0.000476	0.00132	<0.000106	<0.000129	ND

Table 27. Soil chemistry data for sampling sites located in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC07-02_P	SL-CC07-05_P	SL-CC07-06_P	SL-CC07-07_P	SL-CC07-08_P	SL-CC07-09_P	SL-CC07-10_P	SL-CC07-11_S	SL-CC07-12_S	SL-CC07-13_S	SL-CC08-06_S [2]
Dioxins and Furans (µg/kg DW; cont.)											
2,3,4,6,7,8-HxCDF	ND	ND	ND	ND	ND	ND	0.00306	0.00769	0.000109	0.000232	ND
Total HpCDF	ND	ND	ND	ND	ND	ND	0.0771	0.191	0.00383	0.00644	ND
1,2,3,4,6,7,8-HpCDF	ND	ND	ND	ND	ND	ND	0.0338	0.0774	0.00196	0.00299	ND
1,2,3,4,7,8,9-HpCDF	ND	ND	ND	ND	ND	ND	0.00576	0.017	0.000182	0.00025	ND
Total OCDF	ND	ND	ND	ND	ND	ND	0.0608	0.133	0.00233	0.00241	ND

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

[2] Targeted sampling location for this station was in Reach 8, but the sample was collected in Reach 7.

Table 28. Soil chemistry data for sampling sites located in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]		
	SL-CC08-01_P	SL-CC08-02_P	SL-CC08-03_P
Conventionals			
Clay (%)	9.1	6.2	11.6
Silt (%)	59.3	68	50.4
Fines (silt+clay; %)	68.4	74.2	62
Gravel (%)	0	0	0
Sand (%)	31.6	25.8	38
Solids (%)	70.1	78.3	77
Phosphorus (mg/kg)	719	611	648
Total Organic Carbon (%)	1.2	2.4	3.2
Metals (mg/kg DW)			
Aluminum	10700	8970	8770
Antimony	<0.100	<0.100	<0.100
Arsenic	3.89	3.63	3.56
Barium	120	128	105
Beryllium	0.797	0.733	0.732
Cadmium	0.711	1.33	0.642
Calcium	1610	2380	2720
Chromium	17.1	24.3	16.7
Cobalt	12	10.1	11.1
Copper	26	22.1	22.3
Iron	18900	16300	17000
Lead	26.3	37.7	24.4
Magnesium	1240	1130	1410
Manganese	759	918	974
Mercury	ND	ND	ND
Molybdenum	0.337	0.361	0.396
Nickel	11.6	10.2	10.6
Potassium	786	601	648
Selenium	0.66	0.641	0.532
Silver	0.255	0.304	1.27
Sodium	27.3	21.3	23.7
Thallium	0.166	0.158	0.155

Table 28. Soil chemistry data for sampling sites located in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]		
	SL-CC08-01_P	SL-CC08-02_P	SL-CC08-03_P
Metals (mg/kg DW; cont.)			
Vanadium	16.2	14.6	13.7
Zinc	104	120	98.4
Polychlorinated Biphenyls (PCBs; µg/kg DW)			
Aroclor 1016	<2.91	<2.58	<2.67
Aroclor 1221	<3.04	<2.69	<2.79
Aroclor 1232	<3.04	<2.69	<2.79
Aroclor 1242	<3.04	<2.69	<2.79
Aroclor 1248	439	543	353
Aroclor 1254	728	1620	770
Aroclor 1260	648	2270	918
Total PCBs - Aroclors	1820	4440	2050
PCB 001	ND	18.2	ND
PCB 002	ND	1.21	ND
PCB 003	ND	16.7	ND
PCB 004	ND	12.9	ND
PCB 005	ND	<0.024	ND
PCB 006	ND	4.11	ND
PCB 007	ND	0.767	ND
PCB 008	ND	15.1	ND
PCB 009	ND	0.85	ND
PCB 010	ND	0.359	ND
PCB 011	ND	0.532	ND
PCB 012 & 013	ND	3.35	ND
PCB 014	ND	<0.022	ND
PCB 015	ND	40.8	ND
PCB 016	ND	2.12	ND
PCB 017	ND	4.71	ND
PCB 018 & 030	ND	5.5	ND
PCB 019	ND	2.31	ND
PCB 020 & 028	ND	24.6	ND

Table 28. Soil chemistry data for sampling sites located in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]		
	SL-CC08-01_P	SL-CC08-02_P	SL-CC08-03_P
PCBs (µg/kg DW; cont.)			
PCB 021 & 033	ND	4.32	ND
PCB 022	ND	4.46	ND
PCB 023	ND	<0.016	ND
PCB 024	ND	<0.017	ND
PCB 025	ND	5.12	ND
PCB 026 & 029	ND	10.8	ND
PCB 027	ND	1.12	ND
PCB 031	ND	30.7	ND
PCB 032	ND	3.26	ND
PCB 034	ND	0.099	ND
PCB 035	ND	0.435	ND
PCB 036	ND	<0.014	ND
PCB 037	ND	19.7	ND
PCB 038	ND	<0.016	ND
PCB 039	ND	0.222	ND
PCB 040 & 041 & 071	ND	4.34	ND
PCB 042	ND	3.25	ND
PCB 043	ND	<0.03	ND
PCB 044 & 047 & 065	ND	13.4	ND
PCB 045 & 051	ND	1.66	ND
PCB 046	ND	0.337	ND
PCB 048	ND	1.03	ND
PCB 049 & 069	ND	38.3	ND
PCB 050 & 053	ND	1.88	ND
PCB 052	ND	62.7	ND
PCB 054	ND	0.216	ND
PCB 055	ND	<0.022	ND
PCB 056	ND	14.5	ND
PCB 057	ND	0.231	ND
PCB 058	ND	0.187	ND
PCB 059 & 062 & 075	ND	1.45	ND
PCB 060	ND	12.3	ND

Table 28. Soil chemistry data for sampling sites located in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]		
	SL-CC08-01_P	SL-CC08-02_P	SL-CC08-03_P
PCBs (µg/kg DW; cont.)			
PCB 061 & 070 & 074 & 076	ND	110	ND
PCB 063	ND	3.06	ND
PCB 064	ND	23.6	ND
PCB 066	ND	69.9	ND
PCB 067	ND	1.1	ND
PCB 068	ND	2.35	ND
PCB 072	ND	3.19	ND
PCB 073	ND	0.151	ND
PCB 077	ND	14.5	ND
PCB 078	ND	<0.021	ND
PCB 079	ND	0.31	ND
PCB 080	ND	<0.019	ND
PCB 081	ND	0.409	ND
PCB 082	ND	2.47	ND
PCB 083 & 099	ND	66.8	ND
PCB 084	ND	2.84	ND
PCB 085 & 116 & 117	ND	29.1	ND
PCB 086 & 087 & 097 & 109 & 119 & 125	ND	45.3	ND
PCB 088 & 091	ND	9.85	ND
PCB 089	ND	0.121	ND
PCB 090 & 101 & 113	ND	119	ND
PCB 092	ND	33	ND
PCB 093 & 098 & 100 & 102	ND	1.6	ND
PCB 094	ND	0.216	ND
PCB 095	ND	30	ND
PCB 096	ND	0.129	ND
PCB 103	ND	1.38	ND
PCB 104	ND	0.052	ND
PCB 105	ND	91.9	ND
PCB 106	ND	<0.059	ND
PCB 107	ND	13.9	ND
PCB 108 & 124	ND	6.1	ND

Table 28. Soil chemistry data for sampling sites located in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]		
	SL-CC08-01_P	SL-CC08-02_P	SL-CC08-03_P
PCBs (µg/kg DW; cont.)			
PCB 110 & 115	ND	170	ND
PCB 111	ND	0.342	ND
PCB 112	ND	<0.02	ND
PCB 114	ND	2.32	ND
PCB 118	ND	182	ND
PCB 120	ND	0.831	ND
PCB 121	ND	0.245	ND
PCB 122	ND	1.71	ND
PCB 123	ND	4.86	ND
PCB 126	ND	0.506	ND
PCB 127	ND	0.12	ND
PCB 128 & 166	ND	48.8	ND
PCB 129 & 138 & 163	ND	443	ND
PCB 130	ND	19.3	ND
PCB 131	ND	0.64	ND
PCB 132	ND	57.1	ND
PCB 133	ND	9.76	ND
PCB 134 & 143	ND	4.73	ND
PCB 135 & 151	ND	122	ND
PCB 136	ND	10.8	ND
PCB 137	ND	6.6	ND
PCB 139 & 140	ND	2.96	ND
PCB 141	ND	36.5	ND
PCB 142	ND	<0.15	ND
PCB 144	ND	3.64	ND
PCB 145	ND	<0.019	ND
PCB 146	ND	60.8	ND
PCB 147 & 149	ND	249	ND
PCB 148	ND	1.32	ND
PCB 150	ND	0.278	ND
PCB 152	ND	0.172	ND
PCB 153 & 168	ND	345	ND

Table 28. Soil chemistry data for sampling sites located in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]		
	SL-CC08-01_P	SL-CC08-02_P	SL-CC08-03_P
PCBs (µg/kg DW; cont.)			
PCB 154	ND	4.33	ND
PCB 155	ND	0.037	ND
PCB 156 & 157	ND	34.6	ND
PCB 158	ND	16.2	ND
PCB 159	ND	3.64	ND
PCB 160	ND	<0.12	ND
PCB 161	ND	<0.11	ND
PCB 162	ND	0.558	ND
PCB 164	ND	23.9	ND
PCB 165	ND	1.7	ND
PCB 167	ND	10.9	ND
PCB 169	ND	0.992	ND
PCB 170	ND	61	ND
PCB 171 & 173	ND	16.4	ND
PCB 172	ND	12.4	ND
PCB 174	ND	102	ND
PCB 175	ND	1.17	ND
PCB 176	ND	4.11	ND
PCB 177	ND	80.8	ND
PCB 178	ND	40.2	ND
PCB 179	ND	53.4	ND
PCB 180 & 193	ND	126	ND
PCB 181	ND	0.752	ND
PCB 182	ND	0.31	ND
PCB 183	ND	19.2	ND
PCB 184	ND	<0.024	ND
PCB 185	ND	13.6	ND
PCB 186	ND	<0.027	ND
PCB 187	ND	186	ND
PCB 188	ND	0.243	ND
PCB 189	ND	3.39	ND
PCB 190	ND	28	ND

Table 28. Soil chemistry data for sampling sites located in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]		
	SL-CC08-01_P	SL-CC08-02_P	SL-CC08-03_P
PCBs (µg/kg DW; cont.)			
PCB 191	ND	1.08	ND
PCB 192	ND	<0.053	ND
PCB 194	ND	41.2	ND
PCB 195	ND	26.4	ND
PCB 196	ND	11.2	ND
PCB 197	ND	0.35	ND
PCB 198 & 199	ND	105	ND
PCB 200	ND	10.5	ND
PCB 201	ND	3.91	ND
PCB 202	ND	34.5	ND
PCB 203	ND	63.9	ND
PCB 204	ND	<0.032	ND
PCB 205	ND	4.17	ND
PCB 206	ND	92.6	ND
PCB 207	ND	4.89	ND
PCB 208	ND	38.2	ND
PCB 209	ND	75.4	ND
Total PCBs - Homologs	ND	3630	ND
Dioxins and Furans (µg/kg DW)			
Total TCDD	ND	0.00135	ND
2,3,7,8-TCDD	ND	<0.000163	ND
Total PeCDD	ND	0.00659	ND
1,2,3,7,8-PeCDD	ND	0.00049	ND
Total HxCDD	ND	0.034	ND
1,2,3,4,7,8-HxCDD	ND	0.000998	ND
1,2,3,6,7,8-HxCDD	ND	0.00434	ND
1,2,3,7,8,9-HxCDD	ND	0.00313	ND
Total HpCDD	ND	0.26	ND
1,2,3,4,6,7,8-HpCDD	ND	0.128	ND
Total OCDD	ND	2.49	ND
Total TCDF	ND	0.0797	ND

Table 28. Soil chemistry data for sampling sites located in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]		
	SL-CC08-01_P	SL-CC08-02_P	SL-CC08-03_P
Dioxins and Furans (µg/kg DW; cont.)			
2,3,7,8-TCDF	ND	0.0226	ND
Total PeCDF	ND	0.137	ND
1,2,3,7,8-PeCDF	ND	0.00943	ND
2,3,4,7,8-PeCDF	ND	0.0168	ND
Total HxCDF	ND	0.112	ND
1,2,3,4,7,8-HxCDF	ND	0.0387	ND
1,2,3,6,7,8-HxCDF	ND	0.00861	ND
1,2,3,7,8,9-HxCDF	ND	0.000708	ND
2,3,4,6,7,8-HxCDF	ND	0.00451	ND
Total HpCDF	ND	0.117	ND
1,2,3,4,6,7,8-HpCDF	ND	0.0522	ND
1,2,3,4,7,8,9-HpCDF	ND	0.00823	ND
Total OCDF	ND	0.0936	ND

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 29. Soil chemistry data for sampling sites located in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]		
	SL-CC09-01_P	SL-CC09-02_P	SL-CC09-04_S
Conventionals			
Clay (%)	17.5	8.2	10.8
Silt (%)	61.6	59.4	48.9
Fines (silt+clay; %)	79.1	67.6	59.7
Gravel (%)	0.5	3.6	0
Sand (%)	20.4	28.8	40.3
Solids (%)	83.4	73.4	82.2
Phosphorus (mg/kg)	254	676	407
Total Organic Carbon (%)	1.4	2.6	1.1
Metals (mg/kg DW)			
Aluminum	10400	10700	8060
Antimony	<0.100	<0.100	<0.25
Arsenic	2.17	3.8	3.01
Barium	83.1	119	72.1
Beryllium	0.465	0.855	0.49
Cadmium	0.113	0.72	0.499
Calcium	1220	2760	1270
Chromium	13.3	21.3	15.3
Cobalt	6.6	12.6	14.8
Copper	7.33	32	15.1
Iron	16200	19600	17900
Lead	18.6	30.9	20.8
Magnesium	830	1980	1610
Manganese	536	791	820
Mercury	ND	ND	0.514
Molybdenum	0.292	0.338	0.273
Nickel	6.37	13.2	11.2
Potassium	1030	1350	1470
Selenium	0.367	0.596	0.452
Silver	0.175	0.328	0.368
Sodium	15	27.3	17.8
Thallium	0.174	0.156	<0.25

Table 29. Soil chemistry data for sampling sites located in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]		
	SL-CC09-01_P	SL-CC09-02_P	SL-CC09-04_S
Metals (mg/kg DW; cont.)			
Vanadium	18	17.1	13.6
Zinc	27.6	113	66.7
Polychlorinated Biphenyls (PCBs; µg/kg DW)			
Aroclor 1016	<2.46	<2.79	<1.21
Aroclor 1221	<2.57	<2.91	<1.21
Aroclor 1232	<2.57	<2.91	<1.21
Aroclor 1242	<2.57	<2.91	<1.21
Aroclor 1248	<2.57	429	133
Aroclor 1254	3.64	761	633
Aroclor 1260	10.2	945	378
Total PCBs - Aroclors	20.2	2140	1150

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 30. Soil chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC10-01_P	SL-CC10-02_P	SL-CC10-03_P	SL-CC10-04_P	SL-CC10-05_P	SL-CC10-06_P	SL-CC10-07_P	SL-CC10-08_P	SL-CC10-09_P	SL-CC10-10_S	SL-CC10-11_S
Conventionals											
Clay (%)	12.1	18.5	7.5	12.2	5.1	27	14.9	16.3	14.4	30.3	18.3
Silt (%)	73.6	71.8	35	62.8	18.9	70.6	65.6	57.1	27.6	64.6	40.9
Fines (silt+clay; %)	85.7	90.3	42.5	75	24	97.6	80.5	73.4	42	94.9	59.2
Gravel (%)	0	0	0	0	0	0	0	3.9	0	0	2.8
Sand (%)	14.3	9.7	57.5	25	76	2.4	19.5	22.7	58	5.1	38
Solids (%)	97.6	71.2	93.9	76.7	94.5	98	74.1	99.5	99.3	80.5	98
Phosphorus (mg/kg)	589	1030	366	703	144	467	331	427	145	312	260
Total Organic Carbon (%)	2.7	2.8	1.3	2.8	0.78	3.1	2.7	2.1	0.36	2.7	1.7
Metals (mg/kg DW)											
Aluminum	10600	12800	6150	9610	3350	14400	14100	12500	9100	13200	8460
Antimony	<0.100	0.145	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.25	<0.25
Arsenic	3.65	3.53	1.89	3.93	1.01	3.97	10.5	21.4	4.21	10.3	7.66
Barium	136	120	62.2	123	25.3	83.8	87.4	99.5	47.6	115	61.6
Beryllium	0.831	0.941	0.546	0.869	0.253	0.626	0.634	0.703	0.245	0.369	0.282
Cadmium	1.21	1.11	0.174	1.11	<0.100	0.12	0.122	0.16	<0.100	<0.25	<0.25
Calcium	1990	1280	425	2110	248	609	851	1330	317	981	539
Chromium	23.6	26.3	10	20.4	6.4	10.8	18.3	49.9	17.4	10.3	14.4
Cobalt	10.8	10.4	5.22	12.1	2.57	9.09	12.9	18.8	5.89	9.54	6.85
Copper	22.4	29	7.87	23.5	4.08	14.5	10.6	13.8	4.91	14	5.66
Iron	17200	19000	8590	18100	4990	19500	19100	40000	13700	22800	15400
Lead	32.8	34.8	15.5	29.6	6.05	22.6	28	32.4	13.5	23.7	16
Magnesium	1200	1210	579	1200	348	1120	554	520	307	529	492
Manganese	825	429	340	921	62.8	191	1330	1500	476	774	1070
Mercury	ND	ND	ND	ND	0.149	0.187	ND	ND	ND	0.0668	0.0831
Molybdenum	0.389	0.358	0.199	0.409	0.183	0.486	0.778	1.19	0.368	0.638	0.652
Nickel	11.4	11.9	5.18	10.7	2.71	10.7	11.3	12.5	4.92	10.7	4.84
Potassium	608	898	414	607	276	1110	364	394	292	375	317

Table 30. Soil chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC10-01_P	SL-CC10-02_P	SL-CC10-03_P	SL-CC10-04_P	SL-CC10-05_P	SL-CC10-06_P	SL-CC10-07_P	SL-CC10-08_P	SL-CC10-09_P	SL-CC10-10_S	SL-CC10-11_S
Metals (mg/kg DW; cont.)											
Selenium	0.659	0.626	0.388	0.666	0.164	0.593	0.815	0.485	0.228	0.738	0.397
Silver	0.327	0.432	0.119	0.429	<0.100	0.153	<0.100	<0.100	<0.100	<0.25	<0.25
Sodium	52	26.2	12.9	21.7	16.2	38.2	38.7	20.3	14.3	20.3	14.9
Thallium	0.189	0.201	0.108	0.17	<0.100	0.194	0.353	0.322	0.208	0.337	0.257
Vanadium	18.3	19.1	11.2	15.7	5.84	16.8	38.2	51.3	23.3	26.4	17.7
Zinc	108	114	34.4	108	15.2	54.1	36.8	66	15.3	49.3	25
Polychlorinated Biphenyls (PCBs; µg/kg DW)											
Aroclor 1016	<2.05	<2.89	<2.20	<2.67	<2.17	<2.11	<2.72	<2.07	<1.99	<1.24	<1.02
Aroclor 1221	<2.14	<3.01	<2.30	<2.79	<2.26	<2.20	<2.83	<2.16	<2.07	<1.24	<1.02
Aroclor 1232	<2.14	<3.01	<2.30	<2.79	<2.26	<2.20	<2.83	<2.16	<2.07	<1.24	<1.02
Aroclor 1242	<2.14	<3.01	<2.30	<2.79	<2.26	<2.20	<2.83	<2.16	<2.07	<1.24	<1.02
Aroclor 1248	202	553	28.6	232	22.4	18.1	<2.83	19.7	2.9	1.88	6.02
Aroclor 1254	471	1260	71.7	529	49.9	57	<2.83	41.3	4.32	12.9	36.7
Aroclor 1260	954	1600	316	740	63.3	167	<2.81	57.9	5.63	9.15	26
Total PCBs - Aroclors	1630	3420	421	1510	140	246	<19.7	123	17	26.4	70.8
PCB 001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
PCB 002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.023
PCB 003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23
PCB 004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13
PCB 005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0063
PCB 006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.067
PCB 007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012
PCB 008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22
PCB 009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014
PCB 010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0033
PCB 011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.039

Table 30. Soil chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC10-01_P	SL-CC10-02_P	SL-CC10-03_P	SL-CC10-04_P	SL-CC10-05_P	SL-CC10-06_P	SL-CC10-07_P	SL-CC10-08_P	SL-CC10-09_P	SL-CC10-10_S	SL-CC10-11_S
PCBs (µg/kg DW; cont.)											
PCB 012 & 013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.062
PCB 014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0055
PCB 015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55
PCB 016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.029
PCB 017	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.058
PCB 018 & 030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.066
PCB 019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.033
PCB 020 & 028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26
PCB 021 & 033	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.053
PCB 022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.052
PCB 023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0031
PCB 024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0009
PCB 025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.056
PCB 026 & 029	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.077
PCB 027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.017
PCB 031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.19
PCB 032	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.032
PCB 034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0033
PCB 035	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0049
PCB 036	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.006
PCB 037	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.21
PCB 038	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0036
PCB 039	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0033
PCB 040 & 071	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.054
PCB 041	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0053
PCB 042	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.048
PCB 043	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0044
PCB 044 & 047 & 065	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.29

Table 30. Soil chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC10-01_P	SL-CC10-02_P	SL-CC10-03_P	SL-CC10-04_P	SL-CC10-05_P	SL-CC10-06_P	SL-CC10-07_P	SL-CC10-08_P	SL-CC10-09_P	SL-CC10-10_S	SL-CC10-11_S
PCBs (µg/kg DW; cont.)											
PCB 045	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01
PCB 046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0046
PCB 048	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014
PCB 049 & 069	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26
PCB 050 & 053	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.028
PCB 051	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012
PCB 052	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.37
PCB 054	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0035
PCB 055	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0033
PCB 056	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.099
PCB 057	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0033
PCB 058	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0033
PCB 059 & 062 & 075	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.021
PCB 060	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.054
PCB 061 & 070 & 074 & 076	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.44
PCB 063	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0064
PCB 064	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.082
PCB 066	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
PCB 067	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0064
PCB 068	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.033
PCB 072	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.04
PCB 073	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0042
PCB 077	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.15
PCB 078	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0037
PCB 079	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011
PCB 080	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0031
PCB 081	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0043
PCB 082	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.022

Table 30. Soil chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC10-01_P	SL-CC10-02_P	SL-CC10-03_P	SL-CC10-04_P	SL-CC10-05_P	SL-CC10-06_P	SL-CC10-07_P	SL-CC10-08_P	SL-CC10-09_P	SL-CC10-10_S	SL-CC10-11_S
PCBs (µg/kg DW; cont.)											
PCB 083	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.024
PCB 084	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.039
PCB 085 & 116 & 117	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24
PCB 086 & 087 & 097 & 108 & 119 & 125	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.35
PCB 088 & 091	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.063
PCB 089	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.019
PCB 090 & 101 & 113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.83
PCB 092	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.21
PCB 093 & 100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.023
PCB 094	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.018
PCB 095	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
PCB 096	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0022
PCB 098 & 102	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.016
PCB 099	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.77
PCB 103	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.016
PCB 104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0008
PCB 105	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5
PCB 106	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.015
PCB 107 & 124	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.054
PCB 109	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12
PCB 110 & 115	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.68
PCB 111	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.012
PCB 112	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.012
PCB 114	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.019
PCB 118	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
PCB 120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.021
PCB 121	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.012
PCB 122	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.016

Table 30. Soil chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC10-01_P	SL-CC10-02_P	SL-CC10-03_P	SL-CC10-04_P	SL-CC10-05_P	SL-CC10-06_P	SL-CC10-07_P	SL-CC10-08_P	SL-CC10-09_P	SL-CC10-10_S	SL-CC10-11_S
PCBs (µg/kg DW; cont.)											
PCB 123	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.095
PCB 126	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.043
PCB 127	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.015
PCB 128 & 166	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49
PCB 129 & 138 & 163	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.1
PCB 130	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17
PCB 131	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.036
PCB 132	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17
PCB 133	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16
PCB 134 & 143	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.035
PCB 135 & 151	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5
PCB 136	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.039
PCB 137	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.091
PCB 139 & 140	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.029
PCB 141	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23
PCB 142	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.034
PCB 144	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.03
PCB 145	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.022
PCB 146	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.95
PCB 147 & 149	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
PCB 148	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.03
PCB 150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.02
PCB 152	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.021
PCB 153 & 168	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.8
PCB 154	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.054
PCB 155	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.031
PCB 156 & 157	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.44
PCB 158	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23

Table 30. Soil chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC10-01_P	SL-CC10-02_P	SL-CC10-03_P	SL-CC10-04_P	SL-CC10-05_P	SL-CC10-06_P	SL-CC10-07_P	SL-CC10-08_P	SL-CC10-09_P	SL-CC10-10_S	SL-CC10-11_S
PCBs (µg/kg DW; cont.)											
PCB 159	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0041
PCB 160	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.027
PCB 161	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.023
PCB 162	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.026
PCB 164	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.14
PCB 165	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.031
PCB 167	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28
PCB 169	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0045
PCB 170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3
PCB 171 & 173	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
PCB 172	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25
PCB 174	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.85
PCB 175	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.017
PCB 176	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.023
PCB 177	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.83
PCB 178	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.73
PCB 179	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28
PCB 180 & 193	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1
PCB 181	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011
PCB 182	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012
PCB 183	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.27
PCB 184	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0016
PCB 185	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.093
PCB 186	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0015
PCB 187	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9
PCB 188	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0048
PCB 189	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.067
PCB 190	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54

Table 30. Soil chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC10-01_P	SL-CC10-02_P	SL-CC10-03_P	SL-CC10-04_P	SL-CC10-05_P	SL-CC10-06_P	SL-CC10-07_P	SL-CC10-08_P	SL-CC10-09_P	SL-CC10-10_S	SL-CC10-11_S
PCBs (µg/kg DW; cont.)											
PCB 191	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.034
PCB 192	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0022
PCB 194	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.84
PCB 195	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26
PCB 196	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.18
PCB 197	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0071
PCB 198 & 199	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6
PCB 200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.056
PCB 201	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05
PCB 202	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57
PCB 203	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.84
PCB 204	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0067
PCB 205	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.064
PCB 206	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4
PCB 207	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06
PCB 208	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.38
PCB 209	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.91
Total PCBs - Homologs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.6
Dioxins and Furans (µg/kg DW)											
Total TCDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.000168
2,3,7,8-TCDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.000168
Total PeCDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.000133
1,2,3,7,8-PeCDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.000133
Total HxCDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0085
1,2,3,4,7,8-HxCDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000441
1,2,3,6,7,8-HxCDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000579
1,2,3,7,8,9-HxCDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00128

Table 30. Soil chemistry data for sampling sites located in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]										
	SL-CC10-01_P	SL-CC10-02_P	SL-CC10-03_P	SL-CC10-04_P	SL-CC10-05_P	SL-CC10-06_P	SL-CC10-07_P	SL-CC10-08_P	SL-CC10-09_P	SL-CC10-10_S	SL-CC10-11_S
Dioxins and Furans (µg/kg DW; cont.)											
Total HpCDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.129
1,2,3,4,6,7,8-HpCDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0619
Total OCDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.08
Total TCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00277
2,3,7,8-TCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000832
Total PeCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00125
1,2,3,7,8-PeCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.000143
2,3,4,7,8-PeCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000275
Total HxCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0018
1,2,3,4,7,8-HxCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000544
1,2,3,6,7,8-HxCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000147
1,2,3,7,8,9-HxCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.000133
2,3,4,6,7,8-HxCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.000121
Total HpCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00278
1,2,3,4,6,7,8-HpCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00162
1,2,3,4,7,8,9-HpCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.000167
Total OCDF	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00228

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 31. Soil chemistry data for sampling sites located in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SL-CR02-02_P	SL-CR02-03_P	SL-CR02-05_S	SL-CR02-06_S	SL-CR02-08_P
Conventionals					
Clay (%)	7.7	10.3	18.1	20.4	10.9
Silt (%)	27.8	78.2	31.7	64	62.2
Fines (silt+clay; %)	35.5	88.5	49.8	84.4	73.1
Gravel (%)	0	0.6	0	0	0
Sand (%)	64.5	10.9	50.2	15.7	26.9
Solids (%)	96.3	77.2	85.4	73.2	86.3
Phosphorus (mg/kg)	257	285	167	292	706
Total Organic Carbon (%)	1.5	3.6	1.2	3.1	3
Metals (mg/kg DW)					
Aluminum	8280	12000	9510	12100	12400
Antimony	<0.100	<0.100	<0.25	<0.25	<0.100
Arsenic	7.89	7.95	2.99	4.74	4.22
Barium	69.4	103	43.1	88.7	137
Beryllium	0.76	0.675	<0.25	0.524	0.53
Cadmium	<0.100	0.104	<0.25	<0.25	0.224
Calcium	929	1230	751	1700	1930
Chromium	24.3	12.6	17.3	9.66	16.7
Cobalt	7.07	9.48	2.56	6.19	8.79
Copper	8.18	10.4	3.92	7.96	11.6
Iron	18000	11600	12500	14800	16600
Lead	19.5	23.6	10.9	21.5	18.9
Magnesium	451	475	416	724	738
Manganese	266	758	190	325	1200
Mercury	0.0483	ND	0.0576	0.0685	ND
Molybdenum	0.715	1.16	0.266	0.476	0.349
Nickel	8.25	9.05	3.9	7.73	8.25
Potassium	295	311	247	351	547
Selenium	0.601	0.743	0.31	0.929	0.391
Silver	<0.100	<0.100	<0.25	<0.25	<0.100
Sodium	17.1	26.1	20.6	18.5	31.5
Thallium	0.188	0.314	<0.25	0.254	0.255

Table 31. Soil chemistry data for sampling sites located in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	Sample ID [1]				
	SL-CR02-02_P	SL-CR02-03_P	SL-CR02-05_S	SL-CR02-06_S	SL-CR02-08_P
Metals (mg/kg DW; cont.)					
Vanadium	36.4	24.3	19.8	21.5	28.9
Zinc	26.9	29.3	22.7	29.2	46.3
Polychlorinated Biphenyls (PCBs; µg/kg DW)					
Aroclor 1016	<2.14	<2.65	<1.16	<1.36	<2.38
Aroclor 1221	<2.23	<2.77	<1.16	<1.36	<2.48
Aroclor 1232	<2.23	<2.77	<1.16	<1.36	<2.48
Aroclor 1242	<2.23	<2.77	<1.16	<1.36	<2.48
Aroclor 1248	<2.23	<2.77	5.51	3.05	11.4
Aroclor 1254	3.32	<2.77	13.9	6.71	21.9
Aroclor 1260	9.74	20.2	8.49	3.5	83.1
Total PCBs - Aroclors	18.6	28.5	30.2	16	121

DW = dry weight; ND = no data; PCBs = polychlorinated biphenyls; PEC-Q = probable effects concentration-quotient.

[1] At the end of the Sample ID, "_P" means a primary sampling station, while "_S" means a secondary sampling station.

Table 32. Summary of soil chemistry data collected in Reach SC01 (AOI-1) at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	5	0	NA	11.1	5.07	10.3	6.3	19.5	6.7	7.1	8.3	9.9	11.4	16.3	17.9
Silt (%)	5	0	NA	34.4	2.2	34.3	31.6	37.1	31.9	32.2	33.2	33.9	36	36.7	36.9
Fines (silt+clay; %)	5	0	NA	45.4	6.3	45.1	41.5	56.6	41.7	41.8	42.3	43	43.8	51.5	54
Gravel (%)	5	0	NA	3.8	3	1.97	0.1	6.9	0.48	0.86	2	3.2	6.8	6.86	6.88
Sand (%)	5	0	NA	50.8	8.23	50.1	36.6	56.5	39.4	42.3	50.8	53.8	56.1	56.3	56.4
Solids (%)	5	0	NA	82.6	7.34	82.4	73.8	90.6	74.2	74.6	75.9	86.1	86.7	89	89.8
Phosphorus (mg/kg)	5	0	NA	341	164	311	188	549	198	209	240	242	485	523	536
Total Organic Carbon (%)	5	0	NA	3.26	1.34	3.07	2.1	5.4	2.16	2.22	2.4	2.7	3.7	4.72	5.06
Metals (mg/kg DW)															
Aluminum	5	0	NA	9430	3200	8980	5240	14000	5860	6480	8330	9100	10500	12600	13300
Antimony	5	80	<0.1 to <0.25	0.152	0.189	0.0946	<0.1	0.484	0.05	0.05	0.05	0.05	0.125	0.34	0.412
Arsenic	5	0	NA	4.18	2.82	3.53	2.01	8.56	2.01	2.02	2.03	2.87	5.45	7.32	7.94
Barium	5	0	NA	121	114	92.4	48.1	321	50.9	53.8	62.3	62.6	112	237	279
Beryllium	5	0	NA	0.809	0.507	0.69	0.322	1.59	0.345	0.368	0.438	0.706	0.989	1.35	1.47
Cadmium	5	20	<0.25	2.22	4.52	0.382	0.105	10.3	0.109	0.113	0.125	0.143	0.42	6.35	8.32
Calcium	5	0	NA	2400	3110	1040	205	7750	207	209	215	1890	1920	5420	6580
Chromium	5	0	NA	18.9	18.1	13.4	6.4	48.4	6.55	6.7	7.15	8.02	24.6	38.9	43.6
Cobalt	5	0	NA	15.1	12.4	11.2	3.54	34.9	4.04	4.55	6.06	13.5	17.7	28	31.5
Copper	5	0	NA	150	292	29.6	8.11	672	8.17	8.23	8.41	9.2	53.9	425	548
Iron	5	0	NA	30000	30000	18600	7420	68600	7660	7910	8640	8910	56600	63800	66200
Lead	5	0	NA	206	343	89.7	42.2	820	43.5	44.8	48.8	51.9	66.3	519	669
Magnesium	5	0	NA	1170	1270	743	240	3300	259	278	336	638	1330	2510	2910
Manganese	5	0	NA	991	611	814	309	1690	338	367	454	1010	1490	1610	1650
Mercury	2	0	NA	0.162	NA	0.157	0.123	0.201	NA	NA	NA	NA	NA	NA	NA
Molybdenum	5	0	NA	1.11	1.69	0.568	0.297	4.13	0.3	0.303	0.312	0.348	0.445	2.66	3.39
Nickel	5	0	NA	26.6	33.7	11.7	3.2	79.8	3.4	3.6	4.19	4.94	40.8	64.2	72
Potassium	5	0	NA	412	283	339	191	740	192	193	196	229	703	725	733
Selenium	5	0	NA	0.619	0.266	0.58	0.378	1.07	0.4	0.422	0.488	0.55	0.607	0.885	0.977
Silver	5	80	<0.1 to <0.25	0.158	0.203	0.0958	<0.1	0.516	0.05	0.05	0.05	0.05	0.125	0.36	0.438
Sodium	5	0	NA	43	47.7	30.7	18.5	128	18.8	19.1	20.1	20.5	27.8	87.9	108
Thallium	5	20	<0.25	0.262	0.142	0.227	0.108	0.44	0.111	0.115	0.125	0.301	0.334	0.398	0.419

Table 32. Summary of soil chemistry data collected in Reach SC01 (AOI-1) at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Metals (mg/kg DW; cont.)															
Vanadium	5	0	NA	28	24.7	20	9.83	60.7	9.86	9.9	10	11	48.5	55.8	58.3
Zinc	5	0	NA	601	1190	133	34.6	2720	37.4	40.2	48.5	71.9	129	1680	2200
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	5	100	<1.31 to <2.74	1.1	0.268	1.07	<1.31	<2.74	0.746	0.837	1.11	1.18	1.2	1.3	1.34
Aroclor 1221	5	100	<1.31 to <2.86	1.14	0.291	1.11	<1.31	<2.86	0.756	0.857	1.16	1.23	1.25	1.36	1.39
Aroclor 1232	5	100	<1.31 to <2.86	1.14	0.291	1.11	<1.31	<2.86	0.756	0.857	1.16	1.23	1.25	1.36	1.39
Aroclor 1242	5	100	<1.31 to <2.86	1.14	0.291	1.11	<1.31	<2.86	0.756	0.857	1.16	1.23	1.25	1.36	1.39
Aroclor 1248	5	0	NA	155	297	40.9	9.04	687	11.5	14	21.5	24	35.8	427	557
Aroclor 1254	5	0	NA	324	400	186	43.1	1020	60.3	77.5	129	130	299	732	876
Aroclor 1260	5	0	NA	350	191	295	90	600	125	160	264	353	444	538	569
Total PCBs - Aroclors	5	0	NA	834	844	602	261	2310	273	285	321	602	676	1660	1980
PCB 001	1	0	NA	1.32	NA	1.32	1.32	1.32	NA	NA	NA	NA	NA	NA	NA
PCB 002	1	0	NA	0.264	NA	0.264	0.264	0.264	NA	NA	NA	NA	NA	NA	NA
PCB 003	1	0	NA	1.41	NA	1.41	1.41	1.41	NA	NA	NA	NA	NA	NA	NA
PCB 004	1	0	NA	1.64	NA	1.64	1.64	1.64	NA	NA	NA	NA	NA	NA	NA
PCB 005	1	100	<0.087	0.0435	NA	0.0435	<0.087	<0.087	NA	NA	NA	NA	NA	NA	NA
PCB 006	1	0	NA	1.14	NA	1.14	1.14	1.14	NA	NA	NA	NA	NA	NA	NA
PCB 007	1	0	NA	0.14	NA	0.14	0.14	0.14	NA	NA	NA	NA	NA	NA	NA
PCB 008	1	0	NA	4.6	NA	4.6	4.6	4.6	NA	NA	NA	NA	NA	NA	NA
PCB 009	1	0	NA	0.208	NA	0.208	0.208	0.208	NA	NA	NA	NA	NA	NA	NA
PCB 010	1	100	<0.083	0.0415	NA	0.0415	<0.083	<0.083	NA	NA	NA	NA	NA	NA	NA
PCB 011	1	0	NA	0.283	NA	0.283	0.283	0.283	NA	NA	NA	NA	NA	NA	NA
PCB 012 & 013	1	0	NA	1.54	NA	1.54	1.54	1.54	NA	NA	NA	NA	NA	NA	NA
PCB 014	1	100	<0.07	0.035	NA	0.035	<0.07	<0.07	NA	NA	NA	NA	NA	NA	NA
PCB 015	1	0	NA	30.8	NA	30.8	30.8	30.8	NA	NA	NA	NA	NA	NA	NA
PCB 016	1	0	NA	4.99	NA	4.99	4.99	4.99	NA	NA	NA	NA	NA	NA	NA
PCB 017	1	0	NA	8.27	NA	8.27	8.27	8.27	NA	NA	NA	NA	NA	NA	NA
PCB 018 & 030	1	0	NA	14	NA	14	14	14	NA	NA	NA	NA	NA	NA	NA
PCB 019	1	0	NA	1.16	NA	1.16	1.16	1.16	NA	NA	NA	NA	NA	NA	NA
PCB 020 & 028	1	0	NA	127	NA	127	127	127	NA	NA	NA	NA	NA	NA	NA

Table 32. Summary of soil chemistry data collected in Reach SC01 (AOI-1) at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 021 & 033	1	0	NA	11.2	NA	11.2	11.2	11.2	NA	NA	NA	NA	NA	NA	NA
PCB 022	1	0	NA	32.2	NA	32.2	32.2	32.2	NA	NA	NA	NA	NA	NA	NA
PCB 023	1	100	<0.056	0.028	NA	0.028	<0.056	<0.056	NA	NA	NA	NA	NA	NA	NA
PCB 024	1	0	NA	0.147	NA	0.147	0.147	0.147	NA	NA	NA	NA	NA	NA	NA
PCB 025	1	0	NA	5.33	NA	5.33	5.33	5.33	NA	NA	NA	NA	NA	NA	NA
PCB 026 & 029	1	0	NA	9.63	NA	9.63	9.63	9.63	NA	NA	NA	NA	NA	NA	NA
PCB 027	1	0	NA	2.4	NA	2.4	2.4	2.4	NA	NA	NA	NA	NA	NA	NA
PCB 031	1	0	NA	49.9	NA	49.9	49.9	49.9	NA	NA	NA	NA	NA	NA	NA
PCB 032	1	0	NA	14	NA	14	14	14	NA	NA	NA	NA	NA	NA	NA
PCB 034	1	0	NA	0.122	NA	0.122	0.122	0.122	NA	NA	NA	NA	NA	NA	NA
PCB 035	1	0	NA	2.3	NA	2.3	2.3	2.3	NA	NA	NA	NA	NA	NA	NA
PCB 036	1	100	<0.054	0.027	NA	0.027	<0.054	<0.054	NA	NA	NA	NA	NA	NA	NA
PCB 037	1	0	NA	69.9	NA	69.9	69.9	69.9	NA	NA	NA	NA	NA	NA	NA
PCB 038	1	0	NA	0.089	NA	0.089	0.089	0.089	NA	NA	NA	NA	NA	NA	NA
PCB 039	1	0	NA	0.496	NA	0.496	0.496	0.496	NA	NA	NA	NA	NA	NA	NA
PCB 040 & 041 & 071	1	0	NA	57.4	NA	57.4	57.4	57.4	NA	NA	NA	NA	NA	NA	NA
PCB 042	1	0	NA	31.7	NA	31.7	31.7	31.7	NA	NA	NA	NA	NA	NA	NA
PCB 043	1	0	NA	2.94	NA	2.94	2.94	2.94	NA	NA	NA	NA	NA	NA	NA
PCB 044 & 047 & 065	1	0	NA	85.5	NA	85.5	85.5	85.5	NA	NA	NA	NA	NA	NA	NA
PCB 045 & 051	1	0	NA	10.7	NA	10.7	10.7	10.7	NA	NA	NA	NA	NA	NA	NA
PCB 046	1	0	NA	2.59	NA	2.59	2.59	2.59	NA	NA	NA	NA	NA	NA	NA
PCB 048	1	0	NA	13.5	NA	13.5	13.5	13.5	NA	NA	NA	NA	NA	NA	NA
PCB 049 & 069	1	0	NA	60	NA	60	60	60	NA	NA	NA	NA	NA	NA	NA
PCB 050 & 053	1	0	NA	8.25	NA	8.25	8.25	8.25	NA	NA	NA	NA	NA	NA	NA
PCB 052	1	0	NA	98.1	NA	98.1	98.1	98.1	NA	NA	NA	NA	NA	NA	NA
PCB 054	1	0	NA	0.098	NA	0.098	0.098	0.098	NA	NA	NA	NA	NA	NA	NA
PCB 055	1	0	NA	1.61	NA	1.61	1.61	1.61	NA	NA	NA	NA	NA	NA	NA
PCB 056	1	0	NA	102	NA	102	102	102	NA	NA	NA	NA	NA	NA	NA
PCB 057	1	0	NA	0.367	NA	0.367	0.367	0.367	NA	NA	NA	NA	NA	NA	NA
PCB 058	1	100	<0.095	0.0475	NA	0.0475	<0.095	<0.095	NA	NA	NA	NA	NA	NA	NA
PCB 059 & 062 & 075	1	0	NA	11	NA	11	11	11	NA	NA	NA	NA	NA	NA	NA
PCB 060	1	0	NA	43	NA	43	43	43	NA	NA	NA	NA	NA	NA	NA

Table 32. Summary of soil chemistry data collected in Reach SC01 (AOI-1) at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 061 & 070 & 074 & 076	1	0	NA	180	NA	180	180	180	NA	NA	NA	NA	NA	NA	NA
PCB 063	1	0	NA	3.97	NA	3.97	3.97	3.97	NA	NA	NA	NA	NA	NA	NA
PCB 064	1	0	NA	69.4	NA	69.4	69.4	69.4	NA	NA	NA	NA	NA	NA	NA
PCB 066	1	0	NA	151	NA	151	151	151	NA	NA	NA	NA	NA	NA	NA
PCB 067	1	0	NA	3.64	NA	3.64	3.64	3.64	NA	NA	NA	NA	NA	NA	NA
PCB 068	1	0	NA	0.468	NA	0.468	0.468	0.468	NA	NA	NA	NA	NA	NA	NA
PCB 072	1	0	NA	0.661	NA	0.661	0.661	0.661	NA	NA	NA	NA	NA	NA	NA
PCB 073	1	100	<0.014	0.007	NA	0.007	<0.014	<0.014	NA	NA	NA	NA	NA	NA	NA
PCB 077	1	0	NA	32.5	NA	32.5	32.5	32.5	NA	NA	NA	NA	NA	NA	NA
PCB 078	1	100	<0.096	0.048	NA	0.048	<0.096	<0.096	NA	NA	NA	NA	NA	NA	NA
PCB 079	1	0	NA	1.69	NA	1.69	1.69	1.69	NA	NA	NA	NA	NA	NA	NA
PCB 080	1	100	<0.087	0.0435	NA	0.0435	<0.087	<0.087	NA	NA	NA	NA	NA	NA	NA
PCB 081	1	0	NA	1.27	NA	1.27	1.27	1.27	NA	NA	NA	NA	NA	NA	NA
PCB 082	1	0	NA	15.6	NA	15.6	15.6	15.6	NA	NA	NA	NA	NA	NA	NA
PCB 083 & 099	1	0	NA	55	NA	55	55	55	NA	NA	NA	NA	NA	NA	NA
PCB 084	1	0	NA	20.5	NA	20.5	20.5	20.5	NA	NA	NA	NA	NA	NA	NA
PCB 085 & 116 & 117	1	0	NA	27.1	NA	27.1	27.1	27.1	NA	NA	NA	NA	NA	NA	NA
PCB 086 & 087 & 097 & 109 & 119 & 125	1	0	NA	66.8	NA	66.8	66.8	66.8	NA	NA	NA	NA	NA	NA	NA
PCB 088 & 091	1	0	NA	13.7	NA	13.7	13.7	13.7	NA	NA	NA	NA	NA	NA	NA
PCB 089	1	0	NA	1.24	NA	1.24	1.24	1.24	NA	NA	NA	NA	NA	NA	NA
PCB 090 & 101 & 113	1	0	NA	85.7	NA	85.7	85.7	85.7	NA	NA	NA	NA	NA	NA	NA
PCB 092	1	0	NA	15.7	NA	15.7	15.7	15.7	NA	NA	NA	NA	NA	NA	NA
PCB 093 & 098 & 100 & 102	1	0	NA	4.16	NA	4.16	4.16	4.16	NA	NA	NA	NA	NA	NA	NA
PCB 094	1	0	NA	0.534	NA	0.534	0.534	0.534	NA	NA	NA	NA	NA	NA	NA
PCB 095	1	0	NA	56.3	NA	56.3	56.3	56.3	NA	NA	NA	NA	NA	NA	NA
PCB 096	1	0	NA	0.663	NA	0.663	0.663	0.663	NA	NA	NA	NA	NA	NA	NA
PCB 103	1	0	NA	0.321	NA	0.321	0.321	0.321	NA	NA	NA	NA	NA	NA	NA
PCB 104	1	100	<0.023	0.0115	NA	0.0115	<0.023	<0.023	NA	NA	NA	NA	NA	NA	NA
PCB 105	1	0	NA	67.7	NA	67.7	67.7	67.7	NA	NA	NA	NA	NA	NA	NA
PCB 106	1	100	<0.035	0.0175	NA	0.0175	<0.035	<0.035	NA	NA	NA	NA	NA	NA	NA
PCB 107	1	0	NA	8.36	NA	8.36	8.36	8.36	NA	NA	NA	NA	NA	NA	NA

Table 32. Summary of soil chemistry data collected in Reach SC01 (AOI-1) at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 108 & 124	1	0	NA	4.14	NA	4.14	4.14	4.14	NA	NA	NA	NA	NA	NA	NA
PCB 110 & 115	1	0	NA	134	NA	134	134	134	NA	NA	NA	NA	NA	NA	NA
PCB 111	1	0	NA	0.055	NA	0.055	0.055	0.055	NA	NA	NA	NA	NA	NA	NA
PCB 112	1	100	<0.036	0.018	NA	0.018	<0.036	<0.036	NA	NA	NA	NA	NA	NA	NA
PCB 114	1	0	NA	2.51	NA	2.51	2.51	2.51	NA	NA	NA	NA	NA	NA	NA
PCB 118	1	0	NA	106	NA	106	106	106	NA	NA	NA	NA	NA	NA	NA
PCB 120	1	0	NA	0.17	NA	0.17	0.17	0.17	NA	NA	NA	NA	NA	NA	NA
PCB 121	1	0	NA	0.039	NA	0.039	0.039	0.039	NA	NA	NA	NA	NA	NA	NA
PCB 122	1	0	NA	2.11	NA	2.11	2.11	2.11	NA	NA	NA	NA	NA	NA	NA
PCB 123	1	0	NA	3.22	NA	3.22	3.22	3.22	NA	NA	NA	NA	NA	NA	NA
PCB 126	1	0	NA	0.99	NA	0.99	0.99	0.99	NA	NA	NA	NA	NA	NA	NA
PCB 127	1	0	NA	0.147	NA	0.147	0.147	0.147	NA	NA	NA	NA	NA	NA	NA
PCB 128 & 166	1	0	NA	22.4	NA	22.4	22.4	22.4	NA	NA	NA	NA	NA	NA	NA
PCB 129 & 138 & 163	1	0	NA	158	NA	158	158	158	NA	NA	NA	NA	NA	NA	NA
PCB 130	1	0	NA	7.73	NA	7.73	7.73	7.73	NA	NA	NA	NA	NA	NA	NA
PCB 131	1	0	NA	1.2	NA	1.2	1.2	1.2	NA	NA	NA	NA	NA	NA	NA
PCB 132	1	0	NA	35	NA	35	35	35	NA	NA	NA	NA	NA	NA	NA
PCB 133	1	0	NA	1.45	NA	1.45	1.45	1.45	NA	NA	NA	NA	NA	NA	NA
PCB 134 & 143	1	0	NA	4.17	NA	4.17	4.17	4.17	NA	NA	NA	NA	NA	NA	NA
PCB 135 & 151	1	0	NA	36.7	NA	36.7	36.7	36.7	NA	NA	NA	NA	NA	NA	NA
PCB 136	1	0	NA	11.8	NA	11.8	11.8	11.8	NA	NA	NA	NA	NA	NA	NA
PCB 137	1	0	NA	6.08	NA	6.08	6.08	6.08	NA	NA	NA	NA	NA	NA	NA
PCB 139 & 140	1	0	NA	1.72	NA	1.72	1.72	1.72	NA	NA	NA	NA	NA	NA	NA
PCB 141	1	0	NA	25.3	NA	25.3	25.3	25.3	NA	NA	NA	NA	NA	NA	NA
PCB 142	1	100	<0.095	0.0475	NA	0.0475	<0.095	<0.095	NA	NA	NA	NA	NA	NA	NA
PCB 144	1	0	NA	4.65	NA	4.65	4.65	4.65	NA	NA	NA	NA	NA	NA	NA
PCB 145	1	0	NA	0.042	NA	0.042	0.042	0.042	NA	NA	NA	NA	NA	NA	NA
PCB 146	1	0	NA	18.2	NA	18.2	18.2	18.2	NA	NA	NA	NA	NA	NA	NA
PCB 147 & 149	1	0	NA	83.2	NA	83.2	83.2	83.2	NA	NA	NA	NA	NA	NA	NA
PCB 148	1	0	NA	0.089	NA	0.089	0.089	0.089	NA	NA	NA	NA	NA	NA	NA
PCB 150	1	0	NA	0.072	NA	0.072	0.072	0.072	NA	NA	NA	NA	NA	NA	NA
PCB 152	1	0	NA	0.076	NA	0.076	0.076	0.076	NA	NA	NA	NA	NA	NA	NA

Table 32. Summary of soil chemistry data collected in Reach SC01 (AOI-1) at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 153 & 168	1	0	NA	104	NA	104	104	104	NA	NA	NA	NA	NA	NA	NA
PCB 154	1	0	NA	0.629	NA	0.629	0.629	0.629	NA	NA	NA	NA	NA	NA	NA
PCB 155	1	100	<0.015	0.0075	NA	0.0075	<0.015	<0.015	NA	NA	NA	NA	NA	NA	NA
PCB 156 & 157	1	0	NA	16.9	NA	16.9	16.9	16.9	NA	NA	NA	NA	NA	NA	NA
PCB 158	1	0	NA	13.4	NA	13.4	13.4	13.4	NA	NA	NA	NA	NA	NA	NA
PCB 159	1	0	NA	0.976	NA	0.976	0.976	0.976	NA	NA	NA	NA	NA	NA	NA
PCB 160	1	100	<0.068	0.034	NA	0.034	<0.068	<0.068	NA	NA	NA	NA	NA	NA	NA
PCB 161	1	100	<0.062	0.031	NA	0.031	<0.062	<0.062	NA	NA	NA	NA	NA	NA	NA
PCB 162	1	0	NA	0.37	NA	0.37	0.37	0.37	NA	NA	NA	NA	NA	NA	NA
PCB 164	1	0	NA	8.86	NA	8.86	8.86	8.86	NA	NA	NA	NA	NA	NA	NA
PCB 165	1	100	<0.069	0.0345	NA	0.0345	<0.069	<0.069	NA	NA	NA	NA	NA	NA	NA
PCB 167	1	0	NA	5.24	NA	5.24	5.24	5.24	NA	NA	NA	NA	NA	NA	NA
PCB 169	1	100	<0.028	0.014	NA	0.014	<0.028	<0.028	NA	NA	NA	NA	NA	NA	NA
PCB 170	1	0	NA	28	NA	28	28	28	NA	NA	NA	NA	NA	NA	NA
PCB 171 & 173	1	0	NA	8.29	NA	8.29	8.29	8.29	NA	NA	NA	NA	NA	NA	NA
PCB 172	1	0	NA	5.71	NA	5.71	5.71	5.71	NA	NA	NA	NA	NA	NA	NA
PCB 174	1	0	NA	33.6	NA	33.6	33.6	33.6	NA	NA	NA	NA	NA	NA	NA
PCB 175	1	0	NA	1.34	NA	1.34	1.34	1.34	NA	NA	NA	NA	NA	NA	NA
PCB 176	1	0	NA	3.29	NA	3.29	3.29	3.29	NA	NA	NA	NA	NA	NA	NA
PCB 177	1	0	NA	19.4	NA	19.4	19.4	19.4	NA	NA	NA	NA	NA	NA	NA
PCB 178	1	0	NA	8.38	NA	8.38	8.38	8.38	NA	NA	NA	NA	NA	NA	NA
PCB 179	1	0	NA	14.9	NA	14.9	14.9	14.9	NA	NA	NA	NA	NA	NA	NA
PCB 180 & 193	1	0	NA	74.2	NA	74.2	74.2	74.2	NA	NA	NA	NA	NA	NA	NA
PCB 181	1	0	NA	0.301	NA	0.301	0.301	0.301	NA	NA	NA	NA	NA	NA	NA
PCB 182	1	0	NA	0.29	NA	0.29	0.29	0.29	NA	NA	NA	NA	NA	NA	NA
PCB 183	1	0	NA	21.8	NA	21.8	21.8	21.8	NA	NA	NA	NA	NA	NA	NA
PCB 184	1	0	NA	0.058	NA	0.058	0.058	0.058	NA	NA	NA	NA	NA	NA	NA
PCB 185	1	100	<0.047	0.0235	NA	0.0235	<0.047	<0.047	NA	NA	NA	NA	NA	NA	NA
PCB 186	1	100	<0.015	0.0075	NA	0.0075	<0.015	<0.015	NA	NA	NA	NA	NA	NA	NA
PCB 187	1	0	NA	62.2	NA	62.2	62.2	62.2	NA	NA	NA	NA	NA	NA	NA
PCB 188	1	0	NA	0.143	NA	0.143	0.143	0.143	NA	NA	NA	NA	NA	NA	NA
PCB 189	1	0	NA	1.23	NA	1.23	1.23	1.23	NA	NA	NA	NA	NA	NA	NA

Table 32. Summary of soil chemistry data collected in Reach SC01 (AOI-1) at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 190	1	0	NA	5.85	NA	5.85	5.85	5.85	NA	NA	NA	NA	NA	NA	NA
PCB 191	1	0	NA	0.985	NA	0.985	0.985	0.985	NA	NA	NA	NA	NA	NA	NA
PCB 192	1	100	<0.041	0.0205	NA	0.0205	<0.041	<0.041	NA	NA	NA	NA	NA	NA	NA
PCB 194	1	0	NA	32.9	NA	32.9	32.9	32.9	NA	NA	NA	NA	NA	NA	NA
PCB 195	1	0	NA	7.59	NA	7.59	7.59	7.59	NA	NA	NA	NA	NA	NA	NA
PCB 196	1	0	NA	21	NA	21	21	21	NA	NA	NA	NA	NA	NA	NA
PCB 197	1	0	NA	0.769	NA	0.769	0.769	0.769	NA	NA	NA	NA	NA	NA	NA
PCB 198 & 199	1	0	NA	131	NA	131	131	131	NA	NA	NA	NA	NA	NA	NA
PCB 200	1	0	NA	6.4	NA	6.4	6.4	6.4	NA	NA	NA	NA	NA	NA	NA
PCB 201	1	0	NA	9.27	NA	9.27	9.27	9.27	NA	NA	NA	NA	NA	NA	NA
PCB 202	1	0	NA	59.1	NA	59.1	59.1	59.1	NA	NA	NA	NA	NA	NA	NA
PCB 203	1	0	NA	67.3	NA	67.3	67.3	67.3	NA	NA	NA	NA	NA	NA	NA
PCB 204	1	0	NA	0.28	NA	0.28	0.28	0.28	NA	NA	NA	NA	NA	NA	NA
PCB 205	1	0	NA	1.75	NA	1.75	1.75	1.75	NA	NA	NA	NA	NA	NA	NA
PCB 206	1	0	NA	480	NA	480	480	480	NA	NA	NA	NA	NA	NA	NA
PCB 207	1	0	NA	34.7	NA	34.7	34.7	34.7	NA	NA	NA	NA	NA	NA	NA
PCB 208	1	0	NA	206	NA	206	206	206	NA	NA	NA	NA	NA	NA	NA
PCB 209	1	0	NA	766	NA	766	766	766	NA	NA	NA	NA	NA	NA	NA
Total PCBs - Homologs	1	0	NA	4750	NA	4750	4750	4750	NA	NA	NA	NA	NA	NA	NA
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	1	0	NA	0.00155	NA	0.00155	0.00155	0.00155	NA	NA	NA	NA	NA	NA	NA
Total TCDD	1	0	NA	0.0116	NA	0.0116	0.0116	0.0116	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	1	0	NA	0.00457	NA	0.00457	0.00457	0.00457	NA	NA	NA	NA	NA	NA	NA
Total PeCDD	1	0	NA	0.0538	NA	0.0538	0.0538	0.0538	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	1	0	NA	0.00501	NA	0.00501	0.00501	0.00501	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	1	0	NA	0.0236	NA	0.0236	0.0236	0.0236	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	1	0	NA	0.0225	NA	0.0225	0.0225	0.0225	NA	NA	NA	NA	NA	NA	NA
Total HxCDD	1	0	NA	0.191	NA	0.191	0.191	0.191	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	1	0	NA	0.434	NA	0.434	0.434	0.434	NA	NA	NA	NA	NA	NA	NA
Total HpCDD	1	0	NA	0.772	NA	0.772	0.772	0.772	NA	NA	NA	NA	NA	NA	NA
Total OCDD	1	0	NA	3.55	NA	3.55	3.55	3.55	NA	NA	NA	NA	NA	NA	NA

Table 32. Summary of soil chemistry data collected in Reach SC01 (AOI-1) at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW; cont.)															
2,3,7,8-TCDF	1	0	NA	0.0465	NA	0.0465	0.0465	0.0465	NA	NA	NA	NA	NA	NA	NA
Total TCDF	1	0	NA	0.217	NA	0.217	0.217	0.217	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	1	0	NA	0.0246	NA	0.0246	0.0246	0.0246	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	1	100	<0.000109	0.0000545	NA	0.0000545	<0.000109	<0.000109	NA	NA	NA	NA	NA	NA	NA
Total PeCDF	1	0	NA	0.376	NA	0.376	0.376	0.376	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	1	0	NA	0.0679	NA	0.0679	0.0679	0.0679	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	1	0	NA	0.0418	NA	0.0418	0.0418	0.0418	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	1	0	NA	0.00197	NA	0.00197	0.00197	0.00197	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	1	100	<0.0000996	0.0000498	NA	0.0000498	<0.0000996	<0.0000996	NA	NA	NA	NA	NA	NA	NA
Total HxCDF	1	0	NA	0.381	NA	0.381	0.381	0.381	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	1	0	NA	0.262	NA	0.262	0.262	0.262	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	1	0	NA	0.0202	NA	0.0202	0.0202	0.0202	NA	NA	NA	NA	NA	NA	NA
Total HpCDF	1	0	NA	0.426	NA	0.426	0.426	0.426	NA	NA	NA	NA	NA	NA	NA
Total OCDF	1	0	NA	0.23	NA	0.23	0.23	0.23	NA	NA	NA	NA	NA	NA	NA

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 33. Summary of soil chemistry data collected in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	17	0	NA	12.6	3.89	12.1	8.2	22.5	8.28	9.14	10.5	11.3	14.1	17.6	20.7
Silt (%)	17	0	NA	43.3	8.33	42.6	31.5	65.5	33.5	34.7	38.2	41.8	46.5	51.9	56.1
Fines (silt+clay; %)	17	0	NA	55.9	11	54.9	39.8	85.8	43.6	45	49	55.1	60.3	66.2	70.8
Gravel (%)	17	0	NA	0.0765	0.125	NA	0	0.4	0	0	0	0	0.1	0.24	0.32
Sand (%)	17	0	NA	44.1	10.9	42.3	14.2	59.8	29.2	33.8	39.7	44.6	51	55	56.4
Solids (%)	17	0	NA	81.8	9.56	81.3	59	95.9	65.5	72.6	78.2	81.2	87.5	93.7	95.2
Phosphorus (mg/kg)	17	0	NA	862	256	828	496	1540	501	545	691	874	997	1050	1160
Total Organic Carbon (%)	17	0	NA	2.78	0.908	2.65	1.7	5	1.78	1.86	2	2.4	3.3	3.74	4.04
Metals (mg/kg DW)															
Aluminum	17	0	NA	8080	1720	7920	5950	12200	6140	6370	6850	7800	8080	10500	10900
Antimony	17	88.2	<0.1 to <0.25	0.117	0.0687	0.102	<0.1	0.345	0.05	0.05	0.05	0.125	0.125	0.13	0.179
Arsenic	17	0	NA	4.82	1.58	4.66	3.55	10.7	3.73	4.04	4.23	4.35	4.84	5.22	6.36
Barium	17	0	NA	119	23.3	117	69.7	166	75.5	92.6	112	117	129	145	155
Beryllium	17	0	NA	0.699	0.143	0.683	0.4	0.862	0.404	0.507	0.634	0.745	0.826	0.843	0.849
Cadmium	17	5.88	<0.25	1	1.34	0.724	<0.25	6.14	0.335	0.5	0.678	0.733	0.807	0.851	1.92
Calcium	17	0	NA	5100	3380	4360	1050	16300	2390	2920	3490	4110	5340	8090	9840
Chromium	17	0	NA	27.7	6.38	27	15	38.2	18.2	20.9	23.2	29	30.9	35.2	36
Cobalt	17	0	NA	10.5	1.9	10.3	6.85	15.3	7.85	8.69	9.57	10.2	11.7	12.1	12.9
Copper	17	0	NA	51	15.8	48	13.9	91	24.3	38.5	46.5	50.9	54.4	63.6	70.4
Iron	17	0	NA	21600	3310	21400	18500	31600	18700	19000	19800	20500	22700	25100	27500
Lead	17	0	NA	155	164	124	30.6	781	70.9	85.3	109	123	138	147	281
Magnesium	17	0	NA	1910	1890	1490	707	8540	826	870	993	1240	1760	3440	4510
Manganese	17	0	NA	859	191	843	643	1490	656	701	733	835	885	983	1090
Mercury	16	0	NA	2.57	2.09	1.9	0.354	8.39	0.389	0.697	1.53	1.81	3.12	4.97	6.17
Molybdenum	17	0	NA	0.569	0.214	0.538	0.252	1.18	0.366	0.41	0.464	0.53	0.588	0.759	1.01
Nickel	17	0	NA	16.5	3.04	16.2	10.2	21.1	10.6	12.7	15.2	17.1	19	19.7	20.1
Potassium	17	0	NA	774	120	766	613	997	616	630	696	779	803	975	987
Selenium	17	0	NA	0.583	0.176	0.565	0.392	1.18	0.443	0.46	0.499	0.537	0.626	0.683	0.791
Silver	17	52.9	<0.25	0.327	0.424	0.223	<0.25	1.86	0.125	0.125	0.125	0.125	0.3	0.508	0.939
Sodium	17	0	NA	35.7	27.2	31.5	21.8	139	22.3	22.8	23.6	29.9	34.2	39.1	59.3
Thallium	17	58.8	<0.25	0.168	0.0554	0.16	0.18	0.261	0.125	0.125	0.125	0.125	0.218	0.251	0.259
Vanadium	17	0	NA	20.2	3.91	19.9	15.2	29.7	15.7	15.9	17.2	20.1	23.2	24.3	25.5
Zinc	17	0	NA	319	348	253	78.8	1650	113	170	222	257	277	292	577

Table 33. Summary of soil chemistry data collected in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	17	100	<1.04 to <3.06	0.86	0.378	0.79	<1.04	<3.06	0.524	0.531	0.57	0.615	1.29	1.33	1.38
Aroclor 1221	17	100	<1.04 to <3.19	0.881	0.407	0.802	<1.04	<3.19	0.524	0.531	0.57	0.615	1.35	1.39	1.44
Aroclor 1232	17	100	<1.04 to <3.19	0.881	0.407	0.802	<1.04	<3.19	0.524	0.531	0.57	0.615	1.35	1.39	1.44
Aroclor 1242	17	100	<1.04 to <3.19	0.881	0.407	0.802	<1.04	<3.19	0.524	0.531	0.57	0.615	1.35	1.39	1.44
Aroclor 1248	17	5.88	<2.66	12600	14000	3910	<2.66	54300	52.3	216	4870	8180	16200	27800	37700
Aroclor 1254	17	0	NA	24200	21800	13600	211	88100	866	2370	12600	18900	32400	45700	63300
Aroclor 1260	17	0	NA	10800	9890	6450	155	41100	489	1600	5430	8490	13300	19500	28300
Total PCBs - Aroclors	17	0	NA	47700	45400	26600	433	184000	1620	5780	25800	34300	62600	93100	130000
PCB 001	10	0	NA	35.4	21.2	29.5	7	78.8	12	16.9	21	32	43.4	61	69.9
PCB 002	10	10	<2.1	2.01	1.08	1.79	0.86	4.41	0.946	1.03	1.25	1.8	2.38	3.1	3.75
PCB 003	10	0	NA	30.4	12.5	27.7	9.7	49.5	13.9	18.1	22.9	29.5	38.6	46.9	48.2
PCB 004	10	0	NA	32.1	20.6	25.1	4.3	73.4	7.32	10.3	17.8	28.9	42.8	53	63.2
PCB 005	10	90	<0.35 to <11	1.79	1.71	1.01	<0.35	<11	0.18	0.184	0.339	1.55	2.66	3.48	4.49
PCB 006	10	20	<3.4 to <11	10.2	4.7	8.77	<3.4	17.6	3.41	5.12	8.38	9.32	13.8	14.8	16.2
PCB 007	10	60	<3.2 to <11	2.47	1.19	2.29	1.62	<11	1.61	1.62	1.66	2.17	2.67	3.39	4.44
PCB 008	10	0	NA	37.7	16	34.2	12	61.8	16.5	21	29.3	35.8	44.9	60.7	61.3
PCB 009	10	80	<1.6 to <12	2.52	1.47	2.19	<1.6	<12	1	1.21	1.67	2.26	2.93	3.8	4.9
PCB 010	10	40	<0.95 to <2.8	1.61	1.05	1.31	<0.95	3.8	0.509	0.543	0.755	1.38	2.16	2.74	3.27
PCB 011	10	80	<0.82 to <12	2.1	1.77	1.46	<0.82	<12	0.417	0.424	0.623	1.73	2.95	3.84	4.92
PCB 012 & 013	10	50	<3.6 to <12	6.16	3.4	5.35	<3.6	13.9	2.36	2.93	3.75	6.19	7.35	8.44	11.2
PCB 014	10	100	<0.11 to <10	1.51	1.67	0.604	<0.11	<10	0.064	0.073	0.19	0.923	2.48	3.25	4.12
PCB 015	10	0	NA	119	31.8	116	79	177	84	88.9	102	110	128	170	173
PCB 016	10	0	NA	10.3	6.88	8.57	2.1	26.5	3.86	5.61	6.74	8.49	11.2	18	22.2
PCB 017	10	0	NA	19.2	11.7	15.5	2.8	41.7	5.55	8.29	10.5	17	26.5	31.6	36.7
PCB 018 & 030	10	0	NA	24	13.5	20.7	5.3	55.6	10.1	14.9	18.3	20.2	26	37.5	46.6
PCB 019	10	0	NA	10	7.25	7.37	0.83	23.9	2.21	3.59	5.39	8.42	12.8	20.4	22.1
PCB 020 & 028	10	0	NA	154	59.9	144	74	253	90.2	106	118	136	202	233	243
PCB 021 & 033	10	0	NA	20.9	12.5	18.6	9.9	52.8	11.3	12.7	16.2	17	17.6	33.3	43
PCB 022	10	0	NA	29.6	14.5	26.7	13	58.6	14.4	15.7	21.8	25	37.7	47.5	53.1
PCB 023	10	100	<0.026 to <6.5	1	1.1	0.342	<0.026	<6.5	0.0243	0.0355	0.0788	0.685	1.53	2.35	2.8
PCB 024	10	100	<0.029 to <0.63	0.154	0.102	0.116	<0.029	<0.63	0.0395	0.0645	0.075	0.14	0.205	0.311	0.313
PCB 025	10	0	NA	17.1	6.81	15.2	3.5	24.6	6.88	10.3	14	17	23	24.1	24.3
PCB 026 & 029	10	0	NA	27.5	13.3	24.1	6.6	51	9.93	13.3	21.5	24.2	34.9	44.2	47.6

Table 33. Summary of soil chemistry data collected in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 027	10	0	NA	12.3	5.44	10.6	1.7	21	4.65	7.6	8.98	12.6	15.3	17.9	19.4
PCB 031	10	0	NA	104	46.4	95.6	46	187	53.2	60.4	78.7	90	132	170	178
PCB 032	10	0	NA	26.5	12.1	22.9	4.4	45.1	9.17	13.9	20.4	27	35.3	39.3	42.2
PCB 034	10	60	<0.84 to <7.2	1.32	1.03	1.03	0.4	<7.2	0.409	0.418	0.638	0.918	1.66	2.57	3.08
PCB 035	10	50	<2.4 to <8.3	2.57	1.02	2.39	1.83	<8.3	1.4	1.61	1.88	2.23	3.38	3.99	4.07
PCB 036	10	40	<0.023 to <0.73	7.8	9.49	1.23	<0.023	28	0.0212	0.0309	0.136	3.5	14.3	16.8	22.4
PCB 037	10	0	NA	136	47.5	128	73	203	75.4	77.9	90.5	145	168	192	198
PCB 038	10	80	<0.32 to <8.3	1.39	1.31	0.885	<0.32	<8.3	0.25	0.34	0.378	0.945	1.95	2.98	3.57
PCB 039	10	50	<2.1 to <7.4	1.71	0.847	1.56	0.94	<7.4	0.985	1.03	1.11	1.47	1.81	2.67	3.18
PCB 040 & 041 & 071	5	0	NA	207	94.4	189	111	336	112	114	118	220	248	301	318
PCB 040 & 071	5	0	NA	224	207	158	51	570	56.4	61.8	78	190	230	434	502
PCB 041	5	0	NA	7.38	6.91	5.36	1.9	19	2.24	2.58	3.6	4.1	8.3	14.7	16.9
PCB 042	10	0	NA	164	106	133	35	390	44	53	98.3	145	202	279	335
PCB 043	10	30	<0.61 to <1.5	9.09	13	3.81	<0.61	44	0.46	0.616	1.39	5.36	9.36	16.6	30.3
PCB 044 & 047 & 065	10	0	NA	718	500	580	150	1900	218	285	396	685	795	1160	1530
PCB 045	5	0	NA	30.5	37.8	17	4	96	4.9	5.8	8.5	15	29	69.2	82.6
PCB 045 & 051	5	0	NA	31.4	9.88	30	17.4	44	19.5	21.6	28	31.4	36.3	40.9	42.5
PCB 046	10	10	<0.61	11	12	6.55	<0.61	43	2.1	3.9	5.45	7.03	10.6	18.7	30.9
PCB 048	10	0	NA	19.4	9.21	17.6	8.6	38	9.5	10.4	13.1	16.7	24.8	30	34
PCB 049 & 069	10	0	NA	643	356	543	150	1300	195	240	392	625	828	1050	1170
PCB 050 & 053	10	0	NA	53.4	44.9	41.2	9.3	170	15.9	22.5	27.6	44.5	53.5	84.3	127
PCB 051	5	0	NA	11.3	11.9	6.41	1	30	1.58	2.16	3.9	5.8	16	24.4	27.2
PCB 052	10	0	NA	1290	836	1060	330	3200	407	483	651	1330	1530	1980	2590
PCB 054	10	10	<0.11	1.3	1.11	0.847	<0.11	3.83	0.264	0.474	0.57	0.915	1.78	2.42	3.12
PCB 055	10	100	<0.0082 to <15	2.25	2.59	0.663	<0.0082	<15	0.036	0.0679	0.326	1.18	3.98	5.25	6.38
PCB 056	10	0	NA	407	190	357	150	606	155	159	214	445	588	592	599
PCB 057	10	70	<0.0078 to <16	10.9	25.4	1.48	<0.0078	82.9	0.0336	0.0634	1.35	2.15	5.38	15.5	49.2
PCB 058	10	90	<0.0076 to <16	2.52	2.74	0.737	<0.0076	<16	0.0313	0.0589	0.299	1.78	4.34	5.75	6.88
PCB 059 & 062 & 075	10	0	NA	52.8	33.1	44.5	13	130	19.3	25.6	31.3	50.8	57.8	83.7	107
PCB 060	10	0	NA	106	48.3	94.2	39	173	43.3	47.6	60.9	109	144	160	167
PCB 061 & 070 & 074 & 076	10	0	NA	1060	470	953	410	1680	451	491	615	1100	1430	1630	1650
PCB 063	10	0	NA	20.5	8.55	18.5	5.8	32.9	8.59	11.4	14.6	20.5	26.7	30.1	31.5
PCB 064	10	0	NA	311	162	264	70	546	92.5	115	211	285	416	541	543

Table 33. Summary of soil chemistry data collected in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 066	10	0	NA	1360	611	1200	522	2100	548	574	713	1620	1810	1970	2030
PCB 067	10	50	<3.6 to <15	7.59	4.65	6.2	<3.6	16.4	1.96	2.12	4.81	7.23	9.88	13.3	14.9
PCB 068	10	40	<3.6 to <15	6.62	2.52	6.04	<3.6	<15	3.11	4.41	5.03	7.15	7.73	9.91	9.96
PCB 072	10	20	<3.8 to <16	9.53	3.86	8.44	<3.8	<16	3.57	5.23	7.93	9.88	12.2	13.4	14
PCB 073	10	50	<0.0076 to <0.25	5.1	5.9	0.556	<0.0076	16	0.0106	0.0175	0.0539	3.31	8.15	12.4	14.2
PCB 077	10	0	NA	227	100	202	83.6	330	86.9	90.3	127	280	308	312	321
PCB 078	10	100	<0.0083 to <18	2.74	3.18	0.74	<0.0083	<18	0.036	0.0679	0.326	1.4	4.79	6.75	7.88
PCB 079	10	0	NA	21.6	13.8	17.5	5.7	51	6.76	7.82	9.48	24.3	27.2	31.2	41.1
PCB 080	10	100	<0.0075 to <15	2.26	2.61	0.637	<0.0075	<15	0.0313	0.0589	0.295	1.18	4.11	5.25	6.38
PCB 081	10	80	<2.2 to <23	5.08	3.1	4.25	<2.2	<23	2	2.9	3.15	3.75	7.05	8.35	9.93
PCB 082	10	0	NA	198	110	166	50	400	62.2	74.3	97	225	264	283	342
PCB 083	5	20	<19	40.1	31.8	29.6	14	89	10.4	11.3	14	42	46	71.8	80.4
PCB 083 & 099	5	0	NA	1060	414	977	480	1480	540	600	780	1220	1320	1420	1450
PCB 084	10	0	NA	263	187	209	59	700	74.3	89.6	127	266	291	426	563
PCB 085 & 116 & 117	10	0	NA	339	162	294	100	570	118	136	183	400	443	485	528
PCB 086 & 087 & 097 & 108 & 119 & 125	5	0	NA	1110	798	867	310	2300	336	362	440	1200	1300	1900	2100
PCB 086 & 087 & 097 & 109 & 119 & 125	5	0	NA	1170	482	1070	483	1670	562	641	877	1380	1450	1580	1630
PCB 088 & 091	10	0	NA	196	100	171	52	390	77.7	103	118	190	246	299	345
PCB 089	10	50	<11 to <69	13	8.74	11	5.02	<69	5.24	5.45	6.54	11.5	15.6	18.8	26.6
PCB 090 & 101 & 113	10	0	NA	1600	873	1390	530	3400	620	710	853	1600	2020	2420	2910
PCB 092	10	0	NA	293	149	256	85	580	113	142	169	295	373	442	511
PCB 093 & 098 & 100 & 102	5	0	NA	55.6	17.3	53.2	32.5	73.3	34.6	36.7	42.9	61.4	67.8	71.1	72.2
PCB 093 & 100	5	80	<10 to <62	18.4	10.5	15.4	<10	<62	6.7	8.4	13.5	15.5	27	29.4	30.2
PCB 094	10	50	<11 to <65	10.7	8.6	8.65	3.82	<65	4.12	4.42	5.9	7.65	12.6	17.7	25.1
PCB 095	10	0	NA	1060	727	866	310	2800	360	409	501	1030	1200	1600	2200
PCB 096	10	0	NA	5.43	4.32	4.39	1.2	17	1.74	2.28	3.85	4.51	5.53	7.09	12
PCB 098 & 102	5	0	NA	40	30.8	31.9	11	92	13.8	16.6	25	36	36	69.6	80.8
PCB 099	5	0	NA	788	490	656	250	1500	282	314	410	860	920	1270	1380
PCB 103	10	50	<9.6 to <58	12.1	6.75	10.7	6.49	<58	5.56	6.32	7.61	12.2	12.6	16	22.5
PCB 104	10	50	<0.12 to <0.31	0.359	0.352	0.227	<0.12	0.976	0.0758	0.0915	0.1	0.168	0.523	0.935	0.955
PCB 105	10	0	NA	997	457	869	310	1470	348	387	542	1200	1320	1440	1460

Table 33. Summary of soil chemistry data collected in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 106	10	100	<0.017 to <51	6	8.31	0.833	<0.017	<51	0.0222	0.036	0.12	2.3	9.75	13.8	19.7
PCB 107	5	0	NA	137	52.6	127	61.7	181	69.8	77.8	102	165	175	179	180
PCB 107 & 124	5	0	NA	50.4	32.6	40.9	16	95	17	18	21	57	63	82.2	88.6
PCB 108 & 124	5	0	NA	72.5	29.1	66.2	28	96.5	34.1	40.3	58.7	84.5	94.9	95.9	96.2
PCB 109	5	0	NA	116	62.2	98.9	37	180	42.2	47.4	63	150	150	168	174
PCB 110 & 115	10	0	NA	2070	1050	1780	600	3700	699	798	1160	2100	2850	3190	3440
PCB 111	10	50	<7.1 to <43	5.83	6.46	3.61	0.988	<43	1.14	1.3	1.86	2.84	8.38	11.6	16.6
PCB 112	10	100	<0.0035 to <45	5.25	7.35	0.447	<0.0035	<45	0.00771	0.0137	0.0391	1.92	8.5	12.2	17.3
PCB 114	10	30	<9.8 to <57	25	12.3	20.8	<9.8	<57	5.85	6.79	16.2	29.8	32.8	36.2	37.9
PCB 118	10	0	NA	1690	779	1490	560	2580	632	704	943	1800	2390	2510	2540
PCB 120	10	50	<7.5 to <45	7.25	6.04	5.79	2.77	<45	2.86	2.94	3.88	4.88	8.88	12.2	17.3
PCB 121	10	50	<7.2 to <44	5.53	6.96	2.48	0.45	<44	0.567	0.685	0.816	2.24	8.5	12.1	17.1
PCB 122	10	0	NA	38.8	19.7	33.4	12.7	73	13.3	13.9	20.9	44.9	48.4	56.8	64.9
PCB 123	10	0	NA	40.2	20.3	33.7	11.9	61.8	11.9	12	20.3	45.3	56.4	61.1	61.4
PCB 126	10	50	<15 to <97	15.9	15.5	9.75	1.58	<97	2.01	2.44	5.33	9	22.3	35.6	42.1
PCB 127	10	50	<8.3 to <50	7.22	7.26	4.93	1.08	<50	1.8	2.53	3.08	3.83	9.75	13.8	19.4
PCB 128 & 166	10	0	NA	344	159	303	110	530	128	146	206	345	490	522	526
PCB 129 & 138 & 163	10	0	NA	2340	1070	2070	770	3800	919	1070	1430	2260	3330	3490	3640
PCB 130	10	0	NA	124	55.3	111	44	210	51.2	58.5	74.8	125	167	177	193
PCB 131	10	30	<6 to <15	16	10.5	12.6	<6	37	4.13	5.25	7.82	15.3	21.5	26.1	31.6
PCB 132	10	0	NA	599	294	525	190	1100	222	253	361	585	802	903	1000
PCB 133	10	0	NA	27.4	9.98	25.2	7.7	40	13.9	20	23	24.7	35.8	38.8	39.4
PCB 134 & 143	10	0	NA	89	44.9	78.4	30	180	35.8	41.5	52.3	88.5	109	130	155
PCB 135 & 151	10	0	NA	680	322	608	240	1300	294	348	423	650	879	996	1150
PCB 136	10	0	NA	208	120	180	66	480	80	93.9	126	190	253	318	399
PCB 137	10	0	NA	70.4	34.3	61.6	24	130	26.3	28.5	39.9	74	92.9	102	116
PCB 139 & 140	10	0	NA	23.6	11.9	20.8	7.7	48	9.19	10.7	15.1	23	29.6	33.7	40.8
PCB 141	10	0	NA	355	184	311	130	730	139	148	211	340	458	526	628
PCB 142	10	90	<0.31 to <26	3.73	4.24	1.52	0.172	<26	0.163	0.17	0.428	1.98	6.09	8.05	10.5
PCB 144	10	0	NA	63.9	40.1	54.7	24	160	25.8	27.6	36	56	75	96	128
PCB 145	10	90	<0.11 to <18	2.48	2.98	0.843	<0.11	<18	0.0708	0.0865	0.278	1.11	4.25	5.4	7.2
PCB 146	10	0	NA	267	111	243	91	430	123	155	185	245	365	384	407
PCB 147 & 149	10	0	NA	1590	772	1410	540	3100	675	810	967	1500	2050	2320	2710
PCB 148	10	40	<5 to <24	6.12	2.77	5.59	3.18	<24	2.81	3.11	4.96	5.56	6.75	9.39	10.7

Table 33. Summary of soil chemistry data collected in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 150	10	50	<3.5 to <17	3.14	2.18	2.66	1.39	<17	1.53	1.68	1.78	2.12	3.93	5.04	6.77
PCB 152	10	70	<0.95 to <18	2.96	2.59	2.1	<0.95	<18	0.554	0.633	1.45	1.89	4.11	5.36	7.18
PCB 153 & 168	10	0	NA	1630	751	1460	600	2900	704	807	1000	1530	2220	2410	2650
PCB 154	10	0	NA	23.5	7.77	21.7	6.2	32	11.5	16.7	20.5	23.8	29.8	30.9	31.5
PCB 155	10	90	<0.089 to <12	1.66	2.03	0.513	<0.089	<12	0.0582	0.072	0.103	0.668	2.83	3.84	4.92
PCB 156 & 157	10	0	NA	305	134	270	100	470	115	131	179	340	412	428	449
PCB 158	10	0	NA	169	82.7	150	62	330	71	80	98.6	160	219	240	285
PCB 159	10	50	<1.2 to <4.8	14.5	15.3	5.66	<1.2	37.5	0.758	0.915	1.43	7.9	27.3	35.8	36.6
PCB 160	10	100	<0.051 to <21	3	3.46	1.02	<0.051	<21	0.0658	0.106	0.329	1.55	5.1	6.45	8.47
PCB 161	10	100	<0.046 to <19	2.64	3.07	0.902	<0.046	<19	0.0599	0.0968	0.293	1.4	4.4	5.45	7.48
PCB 162	10	0	NA	4.67	2.37	4.06	1.5	9.1	1.58	1.66	3.03	4.91	6.07	6.94	8.02
PCB 164	10	0	NA	148	69.6	131	51	250	57.3	63.6	88.5	145	209	221	236
PCB 165	10	60	<1.3 to <22	3.68	3.11	2.75	<1.3	<22	1.08	1.51	1.84	2.13	5.14	6.5	8.75
PCB 167	10	0	NA	80.1	35.2	71.5	28	130	32.5	37	47.4	85	107	115	122
PCB 169	10	100	<0.031 to <8	1.18	1.34	0.407	<0.031	<8	0.031	0.0466	0.1	0.693	2.06	2.52	3.26
PCB 170	10	0	NA	409	177	369	150	690	177	204	259	408	538	590	640
PCB 171 & 173	10	0	NA	110	52.1	99.5	42	220	50.7	59.4	69.5	108	135	154	187
PCB 172	10	0	NA	66.5	28.9	60.5	26	120	31.2	36.4	43.3	63.5	86.6	94.6	107
PCB 174	10	0	NA	538	263	481	210	1100	239	268	325	535	659	754	927
PCB 175	10	0	NA	12.6	7.32	11.2	5.3	31	6.12	6.95	7.81	11.3	14	17.1	24
PCB 176	10	0	NA	47.1	26	41.8	18	110	22.1	26.1	29.9	42	54	66.2	88.1
PCB 177	10	0	NA	293	123	268	110	520	136	162	199	290	373	407	463
PCB 178	10	0	NA	112	43.6	103	42	190	55.7	69.5	83.9	105	143	156	173
PCB 179	10	0	NA	240	119	216	95	510	109	124	153	240	278	335	423
PCB 180 & 193	10	0	NA	868	413	777	330	1700	362	393	573	831	1080	1260	1480
PCB 181	10	40	<0.65 to <2.4	2.42	1.76	1.67	<0.65	4.73	0.375	0.424	0.788	2.38	3.89	4.73	4.73
PCB 182	10	0	NA	2.9	1.37	2.64	1.54	5.6	1.57	1.59	1.83	2.52	3.62	4.7	5.15
PCB 183	10	0	NA	188	101	166	73	420	82.9	92.8	116	172	226	271	345
PCB 184	10	100	<0.084 to <1.2	0.216	0.191	0.142	<0.084	<1.2	0.0436	0.0452	0.0625	0.15	0.336	0.402	0.501
PCB 185	10	0	NA	51.1	28.7	44.8	18	120	20.1	22.1	34.1	51.5	59	65.6	92.8
PCB 186	10	90	<0.038 to <1.1	0.204	0.18	0.126	<0.038	<1.1	0.0303	0.0415	0.0538	0.153	0.323	0.388	0.469
PCB 187	10	0	NA	687	303	627	270	1300	323	375	468	655	862	962	1130
PCB 188	10	50	<0.41 to <1.1	0.53	0.353	0.449	0.37	1.4	0.21	0.214	0.318	0.456	0.64	0.77	1.09
PCB 189	10	0	NA	20	8.28	18.1	7	30	8.35	9.7	12.7	21	27.1	28	29

Table 33. Summary of soil chemistry data collected in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 190	10	0	NA	96.4	42.5	86.4	34	150	38.5	43	63.4	92.7	135	146	148
PCB 191	10	0	NA	12.3	5.21	11.2	4.4	22	5.48	6.56	8.12	13.5	14.8	16.8	19.4
PCB 192	10	100	<0.034 to <2.1	0.334	0.309	0.2	<0.034	<2.1	0.0314	0.0458	0.111	0.268	0.458	0.6	0.825
PCB 194	10	0	NA	269	117	243	100	470	118	136	172	270	353	380	425
PCB 195	10	0	NA	100	41.9	91.4	39	160	46.2	53.4	65.8	94.5	139	145	152
PCB 196	10	0	NA	103	47.5	93.4	41	200	49.6	58.1	68.7	91.8	130	148	174
PCB 197	10	0	NA	4.95	2.75	4.42	1.7	12	2.47	3.23	3.78	4.44	4.73	7	9.5
PCB 198 & 199	10	0	NA	429	174	393	160	720	198	236	304	415	558	603	662
PCB 200	10	0	NA	47.6	22	43.1	21	94	21.7	22.4	30.7	49	58.2	62.8	78.4
PCB 201	10	0	NA	35.4	17.5	32.1	14	77	17.4	20.8	25.2	33.5	40.8	47	62
PCB 202	10	0	NA	115	48.4	105	41	200	53.6	66.1	82.5	105	153	163	182
PCB 203	10	0	NA	264	110	241	98	440	121	145	174	255	351	377	409
PCB 204	10	70	<0.061 to <1.5	0.231	0.216	0.157	<0.061	<1.5	0.0469	0.0634	0.0805	0.155	0.319	0.395	0.572
PCB 205	10	0	NA	14.9	5.98	13.6	5.5	24	6.58	7.67	10.2	15.5	19.3	20.4	22.2
PCB 206	10	0	NA	421	134	395	150	600	206	263	365	451	507	545	573
PCB 207	10	0	NA	27.3	9.48	25.7	11	46	14.6	18.1	23.7	25.5	32.6	35	40.5
PCB 208	10	0	NA	137	45.7	128	48	200	71.4	94.8	114	134	167	191	196
PCB 209	10	0	NA	297	165	260	86	692	124	162	198	282	342	411	552
Total PCBs - Homologs	10	0	NA	27100	12500	24200	9210	49000	11300	13300	16600	27300	35600	39400	44200
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	11	0	NA	0.000839	0.000301	0.000802	0.000564	0.00165	0.000595	0.000626	0.000681	0.000739	0.000897	0.00103	0.00134
Total TCDD	11	0	NA	0.0151	0.0278	0.00751	0.00172	0.0983	0.0025	0.00327	0.00461	0.0066	0.00922	0.0146	0.0565
1,2,3,7,8-PeCDD	11	0	NA	0.00273	0.00182	0.00244	0.00164	0.0081	0.00168	0.00172	0.00199	0.00211	0.00261	0.00294	0.00552
Total PeCDD	11	0	NA	0.044	0.0774	0.0258	0.0141	0.277	0.0155	0.0169	0.0184	0.0218	0.0245	0.0278	0.152
1,2,3,4,7,8-HxCDD	11	0	NA	0.00439	0.00384	0.00368	0.00216	0.0158	0.00238	0.0026	0.0028	0.00328	0.00379	0.00461	0.0102
1,2,3,6,7,8-HxCDD	11	0	NA	0.0163	0.00963	0.0146	0.00948	0.0429	0.00973	0.00997	0.0109	0.0123	0.0172	0.0216	0.0323
1,2,3,7,8,9-HxCDD	11	0	NA	0.0151	0.0129	0.0128	0.00757	0.0535	0.00818	0.00879	0.0102	0.0123	0.0127	0.0151	0.0343
Total HxCDD	11	0	NA	0.158	0.162	0.126	0.0817	0.642	0.0856	0.0894	0.0918	0.112	0.126	0.153	0.398
1,2,3,4,6,7,8-HpCDD	11	0	NA	0.316	0.0754	0.308	0.23	0.432	0.232	0.234	0.248	0.305	0.368	0.43	0.431
Total HpCDD	11	0	NA	0.629	0.128	0.618	0.457	0.848	0.491	0.524	0.526	0.625	0.712	0.807	0.828
Total OCDD	11	0	NA	2.88	0.697	2.81	2.12	4.43	2.15	2.17	2.34	2.85	3.09	3.67	4.05
2,3,7,8-TCDF	11	0	NA	0.0531	0.0249	0.0484	0.0233	0.107	0.0264	0.0295	0.0371	0.0509	0.0556	0.0885	0.0978
Total TCDF	11	0	NA	0.537	0.409	0.427	0.141	1.56	0.151	0.161	0.314	0.46	0.566	0.957	1.26

Table 33. Summary of soil chemistry data collected in Reach CC01 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW; cont.)															
1,2,3,7,8-PeCDF	11	0	NA	0.0441	0.0309	0.0367	0.0136	0.116	0.0163	0.019	0.0268	0.0346	0.0432	0.0884	0.102
2,3,4,7,8-PeCDF	11	9.09	<0.0658	0.121	0.0612	0.104	0.045	0.211	0.039	0.045	0.0727	0.124	0.159	0.208	0.21
Total PeCDF	11	0	NA	0.831	0.418	0.741	0.348	1.61	0.387	0.426	0.488	0.766	1.01	1.48	1.55
1,2,3,4,7,8-HxCDF	11	0	NA	0.236	0.137	0.205	0.0853	0.519	0.104	0.123	0.14	0.201	0.28	0.447	0.483
1,2,3,6,7,8-HxCDF	11	18.2	<0.035 to <0.048	0.049	0.0304	0.0413	0.0193	0.107	0.0184	0.0193	0.0258	0.0424	0.0621	0.0967	0.102
1,2,3,7,8,9-HxCDF	11	18.2	<0.00134 to <0.00319	0.00532	0.00411	0.00393	<0.00134	0.0135	0.00113	0.0016	0.00262	0.00401	0.00692	0.0117	0.0126
2,3,4,6,7,8-HxCDF	11	0	NA	0.0277	0.0116	0.0255	0.0126	0.0482	0.0144	0.0161	0.0199	0.0254	0.0331	0.0465	0.0474
Total HxCDF	11	0	NA	0.607	0.339	0.533	0.241	1.25	0.292	0.342	0.363	0.481	0.757	1.17	1.21
1,2,3,4,6,7,8-HpCDF	11	27.3	<0.119 to <0.174	0.179	0.0923	0.155	<0.119	0.329	0.06	0.0605	0.112	0.177	0.229	0.314	0.322
1,2,3,4,7,8,9-HpCDF	11	0	NA	0.08	0.0488	0.067	0.0213	0.165	0.0305	0.0397	0.0421	0.0665	0.111	0.157	0.161
Total HpCDF	11	0	NA	0.444	0.236	0.382	0.13	0.845	0.148	0.166	0.281	0.429	0.578	0.781	0.813
Total OCDF	11	27.3	<0.204 to <0.475	0.347	0.185	0.304	<0.204	0.685	0.149	0.196	0.231	0.272	0.433	0.643	0.664

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

Table 34. Summary of soil chemistry data collected in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	6	0	NA	13.3	5.32	12.4	7.3	22.5	8.18	9.05	10.9	11.5	15	19.3	20.9
Silt (%)	6	0	NA	61.8	14.6	60.3	42	80.7	44.5	47.1	53.1	60.5	72.6	77.9	79.3
Fines (silt+clay; %)	6	0	NA	75.1	19.2	73	49.3	97.6	52.7	56.1	64.2	72	91.5	97.2	97.4
Gravel (%)	6	0	NA	0.0333	0.0816	NA	0	0.2	0	0	0	0	0	0.1	0.15
Sand (%)	6	0	NA	24.9	19.1	15	2.4	50.7	2.63	2.85	8.5	28.1	35.7	43.8	47.3
Solids (%)	6	0	NA	78.6	5.16	78.4	72.5	87.7	73.5	74.4	76.4	77.2	79.8	84.1	85.9
Phosphorus (mg/kg)	6	0	NA	540	92.9	533	430	680	434	438	469	548	580	634	657
Total Organic Carbon (%)	6	0	NA	2.27	0.867	2.1	0.92	3.3	1.14	1.36	1.85	2.35	2.85	3.1	3.2
Metals (mg/kg DW)															
Aluminum	6	0	NA	10900	3480	10500	6870	16100	7350	7830	8880	9900	13200	15100	15600
Antimony	6	83.3	<0.1	0.0738	0.0584	0.0626	<0.1	0.193	0.05	0.05	0.05	0.05	0.05	0.122	0.157
Arsenic	6	0	NA	3.98	0.908	3.89	2.79	5.02	2.94	3.1	3.41	3.86	4.77	4.98	5
Barium	6	0	NA	125	29.1	122	88.2	155	91.4	94.6	103	124	151	155	155
Beryllium	6	0	NA	0.782	0.191	0.762	0.53	1.07	0.57	0.61	0.691	0.74	0.887	0.996	1.03
Cadmium	6	0	NA	0.231	0.0474	0.227	0.161	0.298	0.171	0.181	0.207	0.237	0.253	0.277	0.287
Calcium	6	0	NA	1850	596	1760	1040	2660	1130	1220	1470	1850	2230	2480	2570
Chromium	6	0	NA	12.9	3.14	12.6	8.55	17.9	9.26	9.98	11.6	12.5	14.1	16.2	17.1
Cobalt	6	0	NA	10.5	2.42	10.3	7.32	13.9	7.75	8.18	9.2	10.1	12.2	13.3	13.6
Copper	6	0	NA	38	12.3	36.6	26.2	61.1	27.4	28.6	31.4	35.1	38.9	50.3	55.7
Iron	6	0	NA	18000	3950	17600	12600	23300	13500	14300	16100	17100	20800	22500	22900
Lead	6	0	NA	28.3	12.7	26.3	15.7	52.2	17.3	18.9	22.3	24.6	29.6	41.5	46.8
Magnesium	6	0	NA	1390	183	1380	1190	1630	1190	1200	1230	1390	1530	1590	1610
Manganese	6	0	NA	979	244	954	686	1330	719	752	837	915	1140	1270	1300
Mercury	2	0	NA	0.886	NA	0.886	0.867	0.905	NA	NA	NA	NA	NA	NA	NA
Molybdenum	6	0	NA	0.296	0.0535	0.291	0.222	0.372	0.233	0.244	0.27	0.287	0.328	0.356	0.364
Nickel	6	0	NA	9.29	2.22	9.07	6.32	12.6	6.8	7.29	8.29	8.79	10.5	11.8	12.2
Potassium	6	0	NA	808	164	794	611	1040	623	636	689	796	912	992	1020
Selenium	6	0	NA	0.584	0.118	0.575	0.434	0.758	0.452	0.469	0.516	0.565	0.655	0.72	0.739
Silver	6	83.3	<0.1	0.0585	0.0208	0.0562	<0.1	0.101	0.05	0.05	0.05	0.05	0.05	0.0755	0.0883
Sodium	6	0	NA	28.3	5.24	27.9	21.3	34.4	22.2	23	24.9	28.3	32.5	33.7	34.1
Thallium	6	0	NA	0.162	0.047	0.156	0.105	0.234	0.112	0.12	0.134	0.151	0.188	0.215	0.224

Table 34. Summary of soil chemistry data collected in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Metals (mg/kg DW; cont.)															
Vanadium	6	0	NA	15.5	4.65	15	9.99	23.4	10.8	11.6	13.3	14.3	17.2	20.7	22
Zinc	6	0	NA	89.3	25.4	86.4	57.9	134	63	68.2	79.6	84.2	93.9	115	125
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	6	100	<2.34 to <2.8	1.3	0.0762	1.3	<2.34	<2.8	1.2	1.22	1.29	1.32	1.33	1.37	1.38
Aroclor 1221	6	100	<2.44 to <2.92	1.36	0.0793	1.36	<2.44	<2.92	1.25	1.28	1.35	1.38	1.38	1.42	1.44
Aroclor 1232	6	100	<2.44 to <2.92	1.36	0.0793	1.36	<2.44	<2.92	1.25	1.28	1.35	1.38	1.38	1.42	1.44
Aroclor 1242	6	100	<2.44 to <2.92	1.36	0.0793	1.36	<2.44	<2.92	1.25	1.28	1.35	1.38	1.38	1.42	1.44
Aroclor 1248	6	0	NA	1030	2090	231	21.8	5280	46.4	70.9	128	158	372	2860	4070
Aroclor 1254	6	0	NA	1450	2760	439	46.7	7070	97	147	278	389	540	3830	5450
Aroclor 1260	6	0	NA	1120	1700	553	111	4560	169	226	366	458	709	2670	3620
Total PCBs - Aroclors	6	0	NA	3610	6530	1270	185	16900	317	450	778	1010	1630	9360	13100
PCB 001	1	0	NA	27.3	NA	27.3	27.3	27.3	NA	NA	NA	NA	NA	NA	NA
PCB 002	1	0	NA	1.37	NA	1.37	1.37	1.37	NA	NA	NA	NA	NA	NA	NA
PCB 003	1	0	NA	23.6	NA	23.6	23.6	23.6	NA	NA	NA	NA	NA	NA	NA
PCB 004	1	0	NA	18.7	NA	18.7	18.7	18.7	NA	NA	NA	NA	NA	NA	NA
PCB 005	1	100	<0.48	0.24	NA	0.24	<0.48	<0.48	NA	NA	NA	NA	NA	NA	NA
PCB 006	1	0	NA	5.14	NA	5.14	5.14	5.14	NA	NA	NA	NA	NA	NA	NA
PCB 007	1	0	NA	0.99	NA	0.99	0.99	0.99	NA	NA	NA	NA	NA	NA	NA
PCB 008	1	0	NA	22	NA	22	22	22	NA	NA	NA	NA	NA	NA	NA
PCB 009	1	0	NA	1	NA	1	1	1	NA	NA	NA	NA	NA	NA	NA
PCB 010	1	0	NA	0.84	NA	0.84	0.84	0.84	NA	NA	NA	NA	NA	NA	NA
PCB 011	1	100	<0.9	0.45	NA	0.45	<0.9	<0.9	NA	NA	NA	NA	NA	NA	NA
PCB 012 & 013	1	0	NA	4.26	NA	4.26	4.26	4.26	NA	NA	NA	NA	NA	NA	NA
PCB 014	1	100	<0.43	0.215	NA	0.215	<0.43	<0.43	NA	NA	NA	NA	NA	NA	NA
PCB 015	1	0	NA	89.8	NA	89.8	89.8	89.8	NA	NA	NA	NA	NA	NA	NA
PCB 016	1	0	NA	3.16	NA	3.16	3.16	3.16	NA	NA	NA	NA	NA	NA	NA
PCB 017	1	0	NA	7.35	NA	7.35	7.35	7.35	NA	NA	NA	NA	NA	NA	NA
PCB 018 & 030	1	0	NA	9.32	NA	9.32	9.32	9.32	NA	NA	NA	NA	NA	NA	NA
PCB 019	1	0	NA	7.3	NA	7.3	7.3	7.3	NA	NA	NA	NA	NA	NA	NA
PCB 020 & 028	1	0	NA	85.3	NA	85.3	85.3	85.3	NA	NA	NA	NA	NA	NA	NA

Table 34. Summary of soil chemistry data collected in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 021 & 033	1	0	NA	9.63	NA	9.63	9.63	9.63	NA	NA	NA	NA	NA	NA	NA
PCB 022	1	0	NA	13.1	NA	13.1	13.1	13.1	NA	NA	NA	NA	NA	NA	NA
PCB 023	1	100	<0.38	0.19	NA	0.19	<0.38	<0.38	NA	NA	NA	NA	NA	NA	NA
PCB 024	1	100	<0.17	0.085	NA	0.085	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA
PCB 025	1	0	NA	11.8	NA	11.8	11.8	11.8	NA	NA	NA	NA	NA	NA	NA
PCB 026 & 029	1	0	NA	15.4	NA	15.4	15.4	15.4	NA	NA	NA	NA	NA	NA	NA
PCB 027	1	0	NA	10.5	NA	10.5	10.5	10.5	NA	NA	NA	NA	NA	NA	NA
PCB 031	1	0	NA	47.8	NA	47.8	47.8	47.8	NA	NA	NA	NA	NA	NA	NA
PCB 032	1	0	NA	20.9	NA	20.9	20.9	20.9	NA	NA	NA	NA	NA	NA	NA
PCB 034	1	0	NA	0.47	NA	0.47	0.47	0.47	NA	NA	NA	NA	NA	NA	NA
PCB 035	1	0	NA	1.56	NA	1.56	1.56	1.56	NA	NA	NA	NA	NA	NA	NA
PCB 036	1	0	NA	16.6	NA	16.6	16.6	16.6	NA	NA	NA	NA	NA	NA	NA
PCB 037	1	0	NA	69.3	NA	69.3	69.3	69.3	NA	NA	NA	NA	NA	NA	NA
PCB 038	1	100	<0.48	0.24	NA	0.24	<0.48	<0.48	NA	NA	NA	NA	NA	NA	NA
PCB 039	1	0	NA	1.19	NA	1.19	1.19	1.19	NA	NA	NA	NA	NA	NA	NA
PCB 040 & 041 & 071	1	0	NA	274	NA	274	274	274	NA	NA	NA	NA	NA	NA	NA
PCB 042	1	0	NA	208	NA	208	208	208	NA	NA	NA	NA	NA	NA	NA
PCB 043	1	0	NA	9.74	NA	9.74	9.74	9.74	NA	NA	NA	NA	NA	NA	NA
PCB 044 & 047 & 065	1	0	NA	612	NA	612	612	612	NA	NA	NA	NA	NA	NA	NA
PCB 045 & 051	1	0	NA	57.1	NA	57.1	57.1	57.1	NA	NA	NA	NA	NA	NA	NA
PCB 046	1	0	NA	12.1	NA	12.1	12.1	12.1	NA	NA	NA	NA	NA	NA	NA
PCB 048	1	0	NA	26.8	NA	26.8	26.8	26.8	NA	NA	NA	NA	NA	NA	NA
PCB 049 & 069	1	0	NA	526	NA	526	526	526	NA	NA	NA	NA	NA	NA	NA
PCB 050 & 053	1	0	NA	102	NA	102	102	102	NA	NA	NA	NA	NA	NA	NA
PCB 052	1	0	NA	771	NA	771	771	771	NA	NA	NA	NA	NA	NA	NA
PCB 054	1	0	NA	3.27	NA	3.27	3.27	3.27	NA	NA	NA	NA	NA	NA	NA
PCB 055	1	100	<0.54	0.27	NA	0.27	<0.54	<0.54	NA	NA	NA	NA	NA	NA	NA
PCB 056	1	0	NA	192	NA	192	192	192	NA	NA	NA	NA	NA	NA	NA
PCB 057	1	0	NA	1.63	NA	1.63	1.63	1.63	NA	NA	NA	NA	NA	NA	NA
PCB 058	1	0	NA	1.53	NA	1.53	1.53	1.53	NA	NA	NA	NA	NA	NA	NA
PCB 059 & 062 & 075	1	0	NA	55.4	NA	55.4	55.4	55.4	NA	NA	NA	NA	NA	NA	NA
PCB 060	1	0	NA	62.2	NA	62.2	62.2	62.2	NA	NA	NA	NA	NA	NA	NA

Table 34. Summary of soil chemistry data collected in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 061 & 070 & 074 & 076	1	0	NA	414	NA	414	414	414	NA	NA	NA	NA	NA	NA	NA
PCB 063	1	0	NA	22.3	NA	22.3	22.3	22.3	NA	NA	NA	NA	NA	NA	NA
PCB 064	1	0	NA	380	NA	380	380	380	NA	NA	NA	NA	NA	NA	NA
PCB 066	1	0	NA	458	NA	458	458	458	NA	NA	NA	NA	NA	NA	NA
PCB 067	1	0	NA	11.1	NA	11.1	11.1	11.1	NA	NA	NA	NA	NA	NA	NA
PCB 068	1	0	NA	5.18	NA	5.18	5.18	5.18	NA	NA	NA	NA	NA	NA	NA
PCB 072	1	0	NA	6.84	NA	6.84	6.84	6.84	NA	NA	NA	NA	NA	NA	NA
PCB 073	1	100	<0.19	0.095	NA	0.095	<0.19	<0.19	NA	NA	NA	NA	NA	NA	NA
PCB 077	1	0	NA	119	NA	119	119	119	NA	NA	NA	NA	NA	NA	NA
PCB 078	1	100	<0.54	0.27	NA	0.27	<0.54	<0.54	NA	NA	NA	NA	NA	NA	NA
PCB 079	1	0	NA	13.6	NA	13.6	13.6	13.6	NA	NA	NA	NA	NA	NA	NA
PCB 080	1	100	<0.49	0.245	NA	0.245	<0.49	<0.49	NA	NA	NA	NA	NA	NA	NA
PCB 081	1	0	NA	3.47	NA	3.47	3.47	3.47	NA	NA	NA	NA	NA	NA	NA
PCB 082	1	0	NA	165	NA	165	165	165	NA	NA	NA	NA	NA	NA	NA
PCB 083 & 099	1	0	NA	700	NA	700	700	700	NA	NA	NA	NA	NA	NA	NA
PCB 084	1	0	NA	226	NA	226	226	226	NA	NA	NA	NA	NA	NA	NA
PCB 085 & 116 & 117	1	0	NA	220	NA	220	220	220	NA	NA	NA	NA	NA	NA	NA
PCB 086 & 087 & 097 & 109 & 119 & 125	1	0	NA	729	NA	729	729	729	NA	NA	NA	NA	NA	NA	NA
PCB 088 & 091	1	0	NA	166	NA	166	166	166	NA	NA	NA	NA	NA	NA	NA
PCB 089	1	0	NA	14.2	NA	14.2	14.2	14.2	NA	NA	NA	NA	NA	NA	NA
PCB 090 & 101 & 113	1	0	NA	1050	NA	1050	1050	1050	NA	NA	NA	NA	NA	NA	NA
PCB 092	1	0	NA	158	NA	158	158	158	NA	NA	NA	NA	NA	NA	NA
PCB 093 & 098 & 100 & 102	1	0	NA	79.5	NA	79.5	79.5	79.5	NA	NA	NA	NA	NA	NA	NA
PCB 094	1	0	NA	6.23	NA	6.23	6.23	6.23	NA	NA	NA	NA	NA	NA	NA
PCB 095	1	0	NA	603	NA	603	603	603	NA	NA	NA	NA	NA	NA	NA
PCB 096	1	0	NA	8.97	NA	8.97	8.97	8.97	NA	NA	NA	NA	NA	NA	NA
PCB 103	1	0	NA	8.8	NA	8.8	8.8	8.8	NA	NA	NA	NA	NA	NA	NA
PCB 104	1	0	NA	0.31	NA	0.31	0.31	0.31	NA	NA	NA	NA	NA	NA	NA
PCB 105	1	0	NA	519	NA	519	519	519	NA	NA	NA	NA	NA	NA	NA
PCB 106	1	100	<0.18	0.09	NA	0.09	<0.18	<0.18	NA	NA	NA	NA	NA	NA	NA
PCB 107	1	0	NA	76	NA	76	76	76	NA	NA	NA	NA	NA	NA	NA

Table 34. Summary of soil chemistry data collected in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 108 & 124	1	0	NA	40.7	NA	40.7	40.7	40.7	NA	NA	NA	NA	NA	NA	NA
PCB 110 & 115	1	0	NA	1420	NA	1420	1420	1420	NA	NA	NA	NA	NA	NA	NA
PCB 111	1	0	NA	0.77	NA	0.77	0.77	0.77	NA	NA	NA	NA	NA	NA	NA
PCB 112	1	100	<0.12	0.06	NA	0.06	<0.12	<0.12	NA	NA	NA	NA	NA	NA	NA
PCB 114	1	0	NA	33.6	NA	33.6	33.6	33.6	NA	NA	NA	NA	NA	NA	NA
PCB 118	1	0	NA	1020	NA	1020	1020	1020	NA	NA	NA	NA	NA	NA	NA
PCB 120	1	0	NA	2.27	NA	2.27	2.27	2.27	NA	NA	NA	NA	NA	NA	NA
PCB 121	1	0	NA	0.6	NA	0.6	0.6	0.6	NA	NA	NA	NA	NA	NA	NA
PCB 122	1	0	NA	21.8	NA	21.8	21.8	21.8	NA	NA	NA	NA	NA	NA	NA
PCB 123	1	0	NA	27.8	NA	27.8	27.8	27.8	NA	NA	NA	NA	NA	NA	NA
PCB 126	1	0	NA	16.8	NA	16.8	16.8	16.8	NA	NA	NA	NA	NA	NA	NA
PCB 127	1	0	NA	2.32	NA	2.32	2.32	2.32	NA	NA	NA	NA	NA	NA	NA
PCB 128 & 166	1	0	NA	220	NA	220	220	220	NA	NA	NA	NA	NA	NA	NA
PCB 129 & 138 & 163	1	0	NA	1560	NA	1560	1560	1560	NA	NA	NA	NA	NA	NA	NA
PCB 130	1	0	NA	78.2	NA	78.2	78.2	78.2	NA	NA	NA	NA	NA	NA	NA
PCB 131	1	0	NA	16.4	NA	16.4	16.4	16.4	NA	NA	NA	NA	NA	NA	NA
PCB 132	1	0	NA	418	NA	418	418	418	NA	NA	NA	NA	NA	NA	NA
PCB 133	1	0	NA	20.3	NA	20.3	20.3	20.3	NA	NA	NA	NA	NA	NA	NA
PCB 134 & 143	1	0	NA	64	NA	64	64	64	NA	NA	NA	NA	NA	NA	NA
PCB 135 & 151	1	0	NA	428	NA	428	428	428	NA	NA	NA	NA	NA	NA	NA
PCB 136	1	0	NA	147	NA	147	147	147	NA	NA	NA	NA	NA	NA	NA
PCB 137	1	0	NA	53.4	NA	53.4	53.4	53.4	NA	NA	NA	NA	NA	NA	NA
PCB 139 & 140	1	0	NA	19.3	NA	19.3	19.3	19.3	NA	NA	NA	NA	NA	NA	NA
PCB 141	1	0	NA	260	NA	260	260	260	NA	NA	NA	NA	NA	NA	NA
PCB 142	1	100	<0.92	0.46	NA	0.46	<0.92	<0.92	NA	NA	NA	NA	NA	NA	NA
PCB 144	1	0	NA	57.6	NA	57.6	57.6	57.6	NA	NA	NA	NA	NA	NA	NA
PCB 145	1	0	NA	0.855	NA	0.855	0.855	0.855	NA	NA	NA	NA	NA	NA	NA
PCB 146	1	0	NA	179	NA	179	179	179	NA	NA	NA	NA	NA	NA	NA
PCB 147 & 149	1	0	NA	1050	NA	1050	1050	1050	NA	NA	NA	NA	NA	NA	NA
PCB 148	1	0	NA	4.05	NA	4.05	4.05	4.05	NA	NA	NA	NA	NA	NA	NA
PCB 150	1	0	NA	1.59	NA	1.59	1.59	1.59	NA	NA	NA	NA	NA	NA	NA
PCB 152	1	0	NA	2.08	NA	2.08	2.08	2.08	NA	NA	NA	NA	NA	NA	NA

Table 34. Summary of soil chemistry data collected in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 153 & 168	1	0	NA	1080	NA	1080	1080	1080	NA	NA	NA	NA	NA	NA	NA
PCB 154	1	0	NA	17.5	NA	17.5	17.5	17.5	NA	NA	NA	NA	NA	NA	NA
PCB 155	1	100	<0.13	0.065	NA	0.065	<0.13	<0.13	NA	NA	NA	NA	NA	NA	NA
PCB 156 & 157	1	0	NA	206	NA	206	206	206	NA	NA	NA	NA	NA	NA	NA
PCB 158	1	0	NA	144	NA	144	144	144	NA	NA	NA	NA	NA	NA	NA
PCB 159	1	0	NA	13.6	NA	13.6	13.6	13.6	NA	NA	NA	NA	NA	NA	NA
PCB 160	1	100	<0.7	0.35	NA	0.35	<0.7	<0.7	NA	NA	NA	NA	NA	NA	NA
PCB 161	1	100	<0.64	0.32	NA	0.32	<0.64	<0.64	NA	NA	NA	NA	NA	NA	NA
PCB 162	1	0	NA	2.23	NA	2.23	2.23	2.23	NA	NA	NA	NA	NA	NA	NA
PCB 164	1	0	NA	97.2	NA	97.2	97.2	97.2	NA	NA	NA	NA	NA	NA	NA
PCB 165	1	0	NA	1.99	NA	1.99	1.99	1.99	NA	NA	NA	NA	NA	NA	NA
PCB 167	1	0	NA	52.4	NA	52.4	52.4	52.4	NA	NA	NA	NA	NA	NA	NA
PCB 169	1	100	<0.45	0.225	NA	0.225	<0.45	<0.45	NA	NA	NA	NA	NA	NA	NA
PCB 170	1	0	NA	283	NA	283	283	283	NA	NA	NA	NA	NA	NA	NA
PCB 171 & 173	1	0	NA	87.2	NA	87.2	87.2	87.2	NA	NA	NA	NA	NA	NA	NA
PCB 172	1	0	NA	47.1	NA	47.1	47.1	47.1	NA	NA	NA	NA	NA	NA	NA
PCB 174	1	0	NA	349	NA	349	349	349	NA	NA	NA	NA	NA	NA	NA
PCB 175	1	0	NA	12	NA	12	12	12	NA	NA	NA	NA	NA	NA	NA
PCB 176	1	0	NA	41.3	NA	41.3	41.3	41.3	NA	NA	NA	NA	NA	NA	NA
PCB 177	1	0	NA	189	NA	189	189	189	NA	NA	NA	NA	NA	NA	NA
PCB 178	1	0	NA	76.5	NA	76.5	76.5	76.5	NA	NA	NA	NA	NA	NA	NA
PCB 179	1	0	NA	153	NA	153	153	153	NA	NA	NA	NA	NA	NA	NA
PCB 180 & 193	1	0	NA	730	NA	730	730	730	NA	NA	NA	NA	NA	NA	NA
PCB 181	1	0	NA	2.49	NA	2.49	2.49	2.49	NA	NA	NA	NA	NA	NA	NA
PCB 182	1	0	NA	1.52	NA	1.52	1.52	1.52	NA	NA	NA	NA	NA	NA	NA
PCB 183	1	0	NA	168	NA	168	168	168	NA	NA	NA	NA	NA	NA	NA
PCB 184	1	100	<0.096	0.048	NA	0.048	<0.096	<0.096	NA	NA	NA	NA	NA	NA	NA
PCB 185	1	0	NA	29	NA	29	29	29	NA	NA	NA	NA	NA	NA	NA
PCB 186	1	100	<0.11	0.055	NA	0.055	<0.11	<0.11	NA	NA	NA	NA	NA	NA	NA
PCB 187	1	0	NA	464	NA	464	464	464	NA	NA	NA	NA	NA	NA	NA
PCB 188	1	0	NA	0.56	NA	0.56	0.56	0.56	NA	NA	NA	NA	NA	NA	NA
PCB 189	1	0	NA	13.4	NA	13.4	13.4	13.4	NA	NA	NA	NA	NA	NA	NA

Table 34. Summary of soil chemistry data collected in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 190	1	0	NA	64.5	NA	64.5	64.5	64.5	NA	NA	NA	NA	NA	NA	NA
PCB 191	1	0	NA	10.3	NA	10.3	10.3	10.3	NA	NA	NA	NA	NA	NA	NA
PCB 192	1	100	<0.38	0.19	NA	0.19	<0.38	<0.38	NA	NA	NA	NA	NA	NA	NA
PCB 194	1	0	NA	184	NA	184	184	184	NA	NA	NA	NA	NA	NA	NA
PCB 195	1	0	NA	65.4	NA	65.4	65.4	65.4	NA	NA	NA	NA	NA	NA	NA
PCB 196	1	0	NA	89.1	NA	89.1	89.1	89.1	NA	NA	NA	NA	NA	NA	NA
PCB 197	1	100	<4.2	2.1	NA	2.1	<4.2	<4.2	NA	NA	NA	NA	NA	NA	NA
PCB 198 & 199	1	0	NA	295	NA	295	295	295	NA	NA	NA	NA	NA	NA	NA
PCB 200	1	0	NA	28.5	NA	28.5	28.5	28.5	NA	NA	NA	NA	NA	NA	NA
PCB 201	1	0	NA	28.9	NA	28.9	28.9	28.9	NA	NA	NA	NA	NA	NA	NA
PCB 202	1	0	NA	81.5	NA	81.5	81.5	81.5	NA	NA	NA	NA	NA	NA	NA
PCB 203	1	0	NA	188	NA	188	188	188	NA	NA	NA	NA	NA	NA	NA
PCB 204	1	100	<0.17	0.085	NA	0.085	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA
PCB 205	1	0	NA	9.58	NA	9.58	9.58	9.58	NA	NA	NA	NA	NA	NA	NA
PCB 206	1	0	NA	272	NA	272	272	272	NA	NA	NA	NA	NA	NA	NA
PCB 207	1	0	NA	20.5	NA	20.5	20.5	20.5	NA	NA	NA	NA	NA	NA	NA
PCB 208	1	0	NA	93.3	NA	93.3	93.3	93.3	NA	NA	NA	NA	NA	NA	NA
PCB 209	1	0	NA	164	NA	164	164	164	NA	NA	NA	NA	NA	NA	NA
Total PCBs - Homologs	1	0	NA	17000	NA	17000	17000	17000	NA	NA	NA	NA	NA	NA	NA
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	1	100	<0.000199	0.0000995	NA	0.0000995	<0.000199	<0.000199	NA	NA	NA	NA	NA	NA	NA
Total TCDD	1	0	NA	0.000623	NA	0.000623	0.000623	0.000623	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	1	0	NA	0.000491	NA	0.000491	0.000491	0.000491	NA	NA	NA	NA	NA	NA	NA
Total PeCDD	1	0	NA	0.00445	NA	0.00445	0.00445	0.00445	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	1	0	NA	0.000731	NA	0.000731	0.000731	0.000731	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	1	0	NA	0.00282	NA	0.00282	0.00282	0.00282	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	1	0	NA	0.00274	NA	0.00274	0.00274	0.00274	NA	NA	NA	NA	NA	NA	NA
Total HxCDD	1	0	NA	0.0238	NA	0.0238	0.0238	0.0238	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	1	0	NA	0.0858	NA	0.0858	0.0858	0.0858	NA	NA	NA	NA	NA	NA	NA
Total HpCDD	1	0	NA	0.193	NA	0.193	0.193	0.193	NA	NA	NA	NA	NA	NA	NA
Total OCDD	1	0	NA	1.59	NA	1.59	1.59	1.59	NA	NA	NA	NA	NA	NA	NA

Table 34. Summary of soil chemistry data collected in Reach CC02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW; cont.)															
2,3,7,8-TCDF	1	0	NA	0.0336	NA	0.0336	0.0336	0.0336	NA	NA	NA	NA	NA	NA	NA
Total TCDF	1	0	NA	0.117	NA	0.117	0.117	0.117	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	1	0	NA	0.00946	NA	0.00946	0.00946	0.00946	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	1	0	NA	0.03	NA	0.03	0.03	0.03	NA	NA	NA	NA	NA	NA	NA
Total PeCDF	1	0	NA	0.185	NA	0.185	0.185	0.185	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	1	0	NA	0.0473	NA	0.0473	0.0473	0.0473	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	1	0	NA	0.0108	NA	0.0108	0.0108	0.0108	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	1	0	NA	0.00123	NA	0.00123	0.00123	0.00123	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	1	0	NA	0.00521	NA	0.00521	0.00521	0.00521	NA	NA	NA	NA	NA	NA	NA
Total HxCDF	1	0	NA	0.123	NA	0.123	0.123	0.123	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	1	100	<0.0471	0.0236	NA	0.0236	<0.0471	<0.0471	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	1	0	NA	0.0154	NA	0.0154	0.0154	0.0154	NA	NA	NA	NA	NA	NA	NA
Total HpCDF	1	0	NA	0.0621	NA	0.0621	0.0621	0.0621	NA	NA	NA	NA	NA	NA	NA
Total OCDF	1	0	NA	0.0934	NA	0.0934	0.0934	0.0934	NA	NA	NA	NA	NA	NA	NA

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 35. Summary of soil chemistry data collected in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	9	0	NA	19.3	5.35	18.6	13.1	27.9	13.1	13.2	13.5	20.7	22.9	24.7	26.3
Silt (%)	9	0	NA	69.7	8.88	69.2	54	79.7	54.8	55.7	69.7	72.7	75	77.3	78.5
Fines (silt+clay; %)	9	0	NA	89	11.7	88.3	69.3	98.2	70	70.7	82.8	93.4	97.9	98.2	98.2
Gravel (%)	9	0	NA	0.0111	0.0333	NA	0	0.1	0	0	0	0	0	0.02	0.06
Sand (%)	9	0	NA	11	11.7	6.2	1.8	30.7	1.8	1.8	2.1	6.6	17.2	29.2	29.9
Solids (%)	9	0	NA	97.7	2.15	97.6	92.2	99.2	94.3	96.4	97.5	98.1	98.8	99	99.1
Phosphorus (mg/kg)	9	0	NA	607	172	585	367	893	406	445	479	555	755	800	847
Total Organic Carbon (%)	9	0	NA	1.83	0.718	1.7	0.93	3.1	1.08	1.23	1.3	1.6	2.2	2.7	2.9
Metals (mg/kg DW)															
Aluminum	9	0	NA	13700	1990	13600	11600	18000	11800	12000	12300	13600	13900	16000	17000
Antimony	9	88.9	<0.1 to <0.25	0.0949	0.0436	0.0851	<0.1	<0.25	0.05	0.05	0.05	0.125	0.125	0.131	0.142
Arsenic	9	0	NA	4.57	2.93	3.98	2.46	10.8	2.51	2.56	2.96	3.26	3.89	8.79	9.8
Barium	9	0	NA	137	29.1	134	102	175	104	105	107	146	153	173	174
Beryllium	9	0	NA	0.857	0.259	0.825	0.6	1.31	0.611	0.622	0.665	0.794	1.04	1.21	1.26
Cadmium	9	33.3	<0.25	0.421	0.333	0.316	<0.25	1.01	0.125	0.125	0.125	0.342	0.5	0.935	0.972
Calcium	9	0	NA	1450	463	1360	450	2100	778	1110	1390	1420	1690	1930	2020
Chromium	9	0	NA	23.1	11.6	20.7	11.5	41.1	11.8	12.1	12.5	19.7	31.3	40.3	40.7
Cobalt	9	0	NA	9.42	1.93	9.26	6.5	13.7	7.23	7.96	8.71	9.37	9.61	10.9	12.3
Copper	9	0	NA	31.7	19.1	27.2	14.2	67.4	14.4	14.6	15.3	26.2	38.2	58.7	63
Iron	9	0	NA	19000	1670	18900	16500	21300	16700	16900	17900	19300	20400	20700	21000
Lead	9	0	NA	53.5	26.3	48.1	25	96.9	27.4	29.8	31.3	43.7	73.9	89.1	93
Magnesium	9	0	NA	1300	280	1270	814	1800	940	1070	1190	1230	1420	1620	1710
Manganese	9	0	NA	556	435	431	178	1470	190	203	240	376	730	1050	1260
Mercury	5	0	NA	1.96	2.1	1.25	0.488	5.4	0.504	0.52	0.567	0.815	2.53	4.25	4.83
Molybdenum	9	0	NA	0.432	0.248	0.385	0.252	0.959	0.253	0.254	0.287	0.322	0.384	0.789	0.874
Nickel	9	0	NA	11.3	3.27	10.9	7.16	16.3	7.58	8	8.63	10.7	13.6	15.9	16.1
Potassium	9	0	NA	852	196	833	667	1210	679	690	698	767	998	1110	1160
Selenium	9	0	NA	0.699	0.0828	0.694	0.546	0.817	0.578	0.611	0.651	0.734	0.747	0.772	0.795
Silver	9	33.3	<0.25	0.467	0.544	0.305	0.233	1.82	0.125	0.125	0.125	0.233	0.594	0.881	1.35
Sodium	9	0	NA	27.7	6.1	27.1	20.4	37.5	20.6	20.7	23.6	25.6	32.4	33.6	35.5
Thallium	9	44.4	<0.25	0.21	0.0849	0.194	0.23	0.327	0.125	0.125	0.125	0.23	0.285	0.301	0.314
Vanadium	9	0	NA	22	8.39	20.6	12.3	33.7	12.9	13.4	15.4	19.6	27.7	32.9	33.3
Zinc	9	0	NA	156	86.2	138	74.9	323	77	79.1	84.8	139	159	279	301

Table 35. Summary of soil chemistry data collected in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	9	100	<1 to <2.23	0.807	0.289	0.757	<1	<2.23	0.502	0.504	0.505	1.01	1.04	1.07	1.09
Aroclor 1221	9	100	<1 to <2.33	0.833	0.314	0.776	<1	<2.33	0.502	0.504	0.505	1.06	1.09	1.11	1.14
Aroclor 1232	9	100	<1 to <2.33	0.833	0.314	0.776	<1	<2.33	0.502	0.504	0.505	1.06	1.09	1.11	1.14
Aroclor 1242	9	100	<1 to <2.33	0.833	0.314	0.776	<1	<2.33	0.502	0.504	0.505	1.06	1.09	1.11	1.14
Aroclor 1248	9	0	NA	896	918	532	105	2740	142	179	227	457	1080	2120	2430
Aroclor 1254	9	0	NA	2980	2550	2140	795	8240	807	818	1070	1440	4460	5610	6920
Aroclor 1260	9	0	NA	2910	2750	1950	547	8900	591	636	994	1860	4140	5840	7370
Total PCBs - Aroclors	9	0	NA	6790	6150	4690	1450	19900	1640	1830	2230	3710	8870	13200	16500
PCB 001	3	0	NA	52.5	20	50.1	36	74.8	37.1	38.1	41.4	46.7	60.8	69.2	72
PCB 002	3	0	NA	5.59	1.55	5.46	4.5	7.37	4.54	4.58	4.7	4.9	6.14	6.88	7.12
PCB 003	3	0	NA	61.3	18.3	59.7	49.6	82.4	49.8	50.1	50.8	52	67.2	76.3	79.4
PCB 004	3	0	NA	28.2	6.97	27.7	23.4	36.2	23.6	23.7	24.2	25	30.6	34	35.1
PCB 005	3	100	<0.55 to <3.1	0.892	0.639	0.713	<0.55	<3.1	0.333	0.39	0.563	0.85	1.2	1.41	1.48
PCB 006	3	0	NA	14.1	4.26	13.7	9.89	18.4	10.3	10.7	11.9	14	16.2	17.5	18
PCB 007	3	0	NA	2.8	0.852	2.72	2.3	3.78	2.3	2.3	2.31	2.31	3.05	3.49	3.63
PCB 008	3	0	NA	57	13.6	55.9	43.9	71.1	45.1	46.3	50	56	63.6	68.1	69.6
PCB 009	3	0	NA	3.66	1.27	3.53	2.77	5.11	2.8	2.84	2.94	3.1	4.11	4.71	4.91
PCB 010	3	0	NA	1.16	0.473	1.08	0.62	1.5	0.694	0.768	0.99	1.36	1.43	1.47	1.49
PCB 011	3	66.7	<1.7 to <1.8	1.01	0.235	0.993	1.28	<1.8	0.855	0.86	0.875	0.9	1.09	1.2	1.24
PCB 012 & 013	3	0	NA	15.7	3.21	15.4	12	18	12.5	13	14.5	17	17.5	17.8	17.9
PCB 014	3	100	<0.25 to <1.5	0.377	0.33	0.288	<0.25	<1.5	0.138	0.151	0.19	0.255	0.503	0.651	0.701
PCB 015	3	0	NA	221	25.5	220	192	240	196	200	212	231	236	238	239
PCB 016	3	0	NA	9.92	3.35	9.49	6.17	12.6	6.65	7.14	8.59	11	11.8	12.3	12.4
PCB 017	3	0	NA	13	1.35	13	11.7	14.4	11.8	12	12.4	13	13.7	14.1	14.3
PCB 018 & 030	3	0	NA	25.2	3.86	25	21.5	29.2	21.9	22.2	23.3	25	27.1	28.4	28.8
PCB 019	3	0	NA	5.1	1.63	4.93	3.73	6.9	3.82	3.92	4.2	4.66	5.78	6.45	6.68
PCB 020 & 028	3	0	NA	214	20.1	213	200	237	201	201	203	205	221	231	234
PCB 021 & 033	3	0	NA	26.7	3.21	26.6	23.4	29.8	23.8	24.1	25.2	27	28.4	29.2	29.5
PCB 022	3	0	NA	28.6	7.53	28	22	36.8	22.5	23	24.5	27	31.9	34.8	35.8
PCB 023	3	100	<0.27 to <5.5	1.1	1.43	0.54	<0.27	<5.5	0.164	0.193	0.28	0.425	1.59	2.29	2.52
PCB 024	3	100	<0.039 to <0.29	0.0832	0.0628	0.0622	<0.039	<0.29	0.0261	0.0326	0.0523	0.085	0.115	0.133	0.139
PCB 025	3	0	NA	25.1	3.21	24.9	22	28.4	22.3	22.6	23.4	24.8	26.6	27.7	28
PCB 026 & 029	3	0	NA	45.6	11.7	44.7	36	58.6	36.6	37.3	39.2	42.3	50.5	55.3	57

Table 35. Summary of soil chemistry data collected in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 027	3	0	NA	10.2	12.8	5.73	2.55	25	2.59	2.63	2.75	2.95	14	20.6	22.8
PCB 031	3	0	NA	151	30.6	149	128	186	129	130	134	140	163	177	181
PCB 032	3	0	NA	18.8	11.8	16.5	9.44	32	9.99	10.5	12.2	14.9	23.5	28.6	30.3
PCB 034	3	66.7	<0.85 to <6.1	1.43	1.42	1.01	0.8	<6.1	0.463	0.5	0.613	0.8	1.93	2.6	2.83
PCB 035	3	66.7	<3.6 to <7.1	2.47	0.944	2.36	2.06	<7.1	1.83	1.85	1.93	2.06	2.81	3.25	3.4
PCB 036	3	33.3	<0.24	16.7	20.1	3.72	<0.24	39	1.21	2.3	5.56	11	25	33.4	36.2
PCB 037	3	0	NA	195	81.7	184	117	280	124	131	153	189	235	262	271
PCB 038	3	100	<0.28 to <7	1.36	1.86	0.597	<0.28	<7	0.17	0.199	0.288	0.435	1.97	2.89	3.19
PCB 039	3	33.3	<6.3	1.85	1.13	1.65	1.16	<6.3	1.17	1.18	1.2	1.24	2.2	2.77	2.96
PCB 040 & 041 & 071	2	0	NA	26.9	NA	26.8	24.7	29.1	NA	NA	NA	NA	NA	NA	NA
PCB 040 & 071	1	0	NA	760	NA	760	760	760	NA	NA	NA	NA	NA	NA	NA
PCB 041	1	0	NA	34	NA	34	34	34	NA	NA	NA	NA	NA	NA	NA
PCB 042	3	0	NA	188	271	73.6	17.8	500	20.5	23.2	31.3	44.8	272	409	454
PCB 043	3	0	NA	10.2	13.8	4.53	1.01	26	1.26	1.52	2.28	3.54	14.8	21.5	23.8
PCB 044 & 047 & 065	3	0	NA	874	1320	302	83.9	2400	89.2	94.5	110	137	1270	1950	2170
PCB 045	1	0	NA	120	NA	120	120	120	NA	NA	NA	NA	NA	NA	NA
PCB 045 & 051	2	0	NA	6.28	NA	6.02	4.5	8.06	NA	NA	NA	NA	NA	NA	NA
PCB 046	3	0	NA	19.8	32.2	4.41	1.06	57	1.1	1.13	1.24	1.42	29.2	45.9	51.4
PCB 048	3	0	NA	18.8	15.9	14.9	7.61	37	8.03	8.45	9.71	11.8	24.4	32	34.5
PCB 049 & 069	3	0	NA	769	895	475	186	1800	200	213	254	321	1060	1500	1650
PCB 050 & 053	3	0	NA	86.4	117	35.2	5.96	220	8.68	11.4	19.6	33.2	127	183	201
PCB 051	1	0	NA	39	NA	39	39	39	NA	NA	NA	NA	NA	NA	NA
PCB 052	3	0	NA	1600	2080	837	299	4000	318	337	395	491	2250	3300	3650
PCB 054	3	33.3	<0.49	1.43	1.03	0.998	<0.49	2.1	0.414	0.582	1.09	1.93	2.02	2.07	2.08
PCB 055	3	100	<0.27 to <14	2.5	3.9	0.695	<0.27	<14	0.157	0.179	0.245	0.355	3.68	5.67	6.34
PCB 056	3	0	NA	367	414	225	70.3	840	82.5	94.6	131	192	516	710	775
PCB 057	3	33.3	<16	7.94	5.09	6.64	2.82	<16	3.34	3.86	5.41	8	10.5	12	12.5
PCB 058	3	66.7	<0.25 to <16	3.18	4.22	1.12	<0.25	<16	0.254	0.382	0.768	1.41	4.71	6.68	7.34
PCB 059 & 062 & 075	3	0	NA	61.5	85.3	28.7	10.9	160	11.2	11.4	12.2	13.5	86.8	131	145
PCB 060	3	0	NA	93.2	73	70.8	24.6	170	30.6	36.7	54.8	85	128	153	162
PCB 061 & 070 & 074 & 076	3	0	NA	1100	814	904	410	2000	459	508	656	902	1450	1780	1890
PCB 063	3	0	NA	24	17.3	20.5	12.8	44	13.1	13.3	14.1	15.3	29.7	38.3	41.1
PCB 064	3	0	NA	319	348	214	98.6	720	103	107	119	139	430	604	662
PCB 066	3	0	NA	1470	1430	1060	441	3100	484	527	656	870	1990	2650	2880

Table 35. Summary of soil chemistry data collected in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 067	3	0	NA	13.4	6.21	12.5	7.67	20	8.16	8.66	10.1	12.6	16.3	18.5	19.3
PCB 068	3	33.3	<14	7.62	0.972	7.58	7.12	<14	7.01	7.02	7.06	7.12	7.93	8.42	8.58
PCB 072	3	0	NA	13.1	6.12	12.2	8.46	20	8.68	8.91	9.58	10.7	15.4	18.1	19.1
PCB 073	3	66.7	<0.03 to <0.23	3.04	5.16	0.249	<0.03	9	0.025	0.035	0.065	0.115	4.56	7.22	8.11
PCB 077	3	0	NA	223	225	156	61.2	480	68	74.8	95.1	129	305	410	445
PCB 078	3	66.7	<0.27 to <0.72	9.17	15.4	1.09	<0.27	27	0.158	0.18	0.248	0.36	13.7	21.7	24.3
PCB 079	3	0	NA	30.2	39.7	15.9	6.71	76	6.82	6.94	7.28	7.84	41.9	62.4	69.2
PCB 080	3	100	<0.24 to <14	2.48	3.92	0.645	<0.24	<14	0.14	0.16	0.22	0.32	3.66	5.66	6.33
PCB 081	3	33.3	<21	4.73	5.08	3.02	0.96	<21	1.14	1.31	1.84	2.72	6.61	8.94	9.72
PCB 082	3	0	NA	206	298	81.7	21.1	550	23.7	26.3	34.1	47	299	449	500
PCB 083	1	0	NA	150	NA	150	150	150	NA	NA	NA	NA	NA	NA	NA
PCB 083 & 099	2	0	NA	447	NA	428	321	572	NA	NA	NA	NA	NA	NA	NA
PCB 084	3	0	NA	348	539	110	33.6	970	34.3	35	37.1	40.6	505	784	877
PCB 085 & 116 & 117	3	0	NA	368	454	204	63.6	890	72.2	80.9	107	150	520	742	816
PCB 086 & 087 & 097 & 108 & 119 & 125	1	0	NA	3300	NA	3300	3300	3300	NA	NA	NA	NA	NA	NA	NA
PCB 086 & 087 & 097 & 109 & 119 & 125	2	0	NA	316	NA	280	169	463	NA	NA	NA	NA	NA	NA	NA
PCB 088 & 091	3	0	NA	241	285	149	73.9	570	74.3	74.7	75.9	77.8	324	472	521
PCB 089	3	33.3	<63	11.2	17.6	3.1	0.85	<63	0.876	0.902	0.98	1.11	16.3	25.4	28.5
PCB 090 & 101 & 113	3	0	NA	2000	2350	1190	397	4700	448	499	651	905	2800	3940	4320
PCB 092	3	0	NA	384	434	236	75.6	880	87.7	99.9	136	197	539	743	812
PCB 093 & 098 & 100 & 102	2	0	NA	21.7	NA	18.5	10.4	33	NA	NA	NA	NA	NA	NA	NA
PCB 093 & 100	1	100	<56	28	NA	28	<56	<56	NA	NA	NA	NA	NA	NA	NA
PCB 094	3	33.3	<59	11	16	4.37	1.32	<59	1.4	1.48	1.73	2.14	15.8	24	26.8
PCB 095	3	0	NA	1390	1920	636	203	3600	218	233	278	352	1980	2950	3280
PCB 096	3	33.3	<0.33	8.72	11.7	2.44	<0.33	22	0.548	0.93	2.08	3.99	13	18.4	20.2
PCB 098 & 102	1	0	NA	100	NA	100	100	100	NA	NA	NA	NA	NA	NA	NA
PCB 099	1	0	NA	2300	NA	2300	2300	2300	NA	NA	NA	NA	NA	NA	NA
PCB 103	3	33.3	<53	14.4	10.6	12.1	6.83	<53	7.13	7.44	8.35	9.86	18.2	23.2	24.8
PCB 104	3	33.3	<0.21	0.46	0.371	0.337	<0.21	0.845	0.138	0.17	0.268	0.43	0.638	0.762	0.804
PCB 105	3	0	NA	923	952	608	197	2000	234	272	384	571	1290	1710	1860
PCB 106	3	100	<0.15 to <47	7.93	13.5	0.706	<0.15	<47	0.0875	0.1	0.138	0.2	11.9	18.8	21.2
PCB 107	2	0	NA	61.7	NA	59.4	45.2	78.1	NA	NA	NA	NA	NA	NA	NA

Table 35. Summary of soil chemistry data collected in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 107 & 124	1	0	NA	160	NA	160	160	160	NA	NA	NA	NA	NA	NA	NA
PCB 108 & 124	2	0	NA	20.1	NA	17.5	10.3	29.8	NA	NA	NA	NA	NA	NA	NA
PCB 109	1	0	NA	280	NA	280	280	280	NA	NA	NA	NA	NA	NA	NA
PCB 110 & 115	3	0	NA	2270	2550	1430	505	5200	566	626	808	1110	3160	4380	4790
PCB 111	3	66.7	<0.94 to <39	6.99	10.8	2.09	<0.94	<39	0.523	0.576	0.735	0.999	10.2	15.8	17.6
PCB 112	3	100	<0.018 to <41	6.88	11.8	0.299	<0.018	<41	0.0226	0.0362	0.077	0.145	10.3	16.4	18.5
PCB 114	3	33.3	<53	16	9.71	14	7.38	<53	8.04	8.7	10.7	14	20.3	24	25.3
PCB 118	3	0	NA	1810	1660	1350	585	3700	641	696	863	1140	2420	3190	3440
PCB 120	3	33.3	<41	10.3	8.92	8.06	4.14	<41	4.34	4.54	5.15	6.16	13.3	17.6	19.1
PCB 121	3	66.7	<0.29 to <40	6.87	11.4	1.11	<0.29	<40	0.177	0.21	0.307	0.469	10.2	16.1	18
PCB 122	3	0	NA	23.7	25.8	14.7	4.4	53	5.32	6.24	9	13.6	33.3	45.1	49.1
PCB 123	3	0	NA	34.8	42.1	19.3	5.45	83	6.49	7.52	10.6	15.8	49.4	69.6	76.3
PCB 126	3	33.3	<71	13.4	19.2	5.7	2.26	<71	2.27	2.27	2.29	2.31	18.9	28.9	32.2
PCB 127	3	33.3	<46	8.27	12.8	2.61	0.68	<46	0.726	0.772	0.91	1.14	12.1	18.6	20.8
PCB 128 & 166	3	0	NA	385	380	274	113	820	124	135	168	223	522	701	760
PCB 129 & 138 & 163	3	0	NA	2930	2620	2210	938	5900	1040	1140	1440	1950	3930	5110	5510
PCB 130	3	0	NA	147	133	113	56.6	300	59.5	62.4	71.1	85.5	193	257	279
PCB 131	3	0	NA	22.2	28.5	12.1	4.97	55	5.12	5.28	5.74	6.5	30.8	45.3	50.2
PCB 132	3	0	NA	755	824	493	186	1700	205	225	283	380	1040	1440	1570
PCB 133	3	0	NA	34.3	17.7	31.4	19.9	54	20.8	21.7	24.4	28.9	41.5	49	51.5
PCB 134 & 143	3	0	NA	105	118	65.2	22.7	240	25.5	28.3	36.8	50.9	145	202	221
PCB 135 & 151	3	0	NA	986	979	689	260	2100	294	328	430	599	1350	1800	1950
PCB 136	3	0	NA	286	333	179	80.1	670	82.8	85.5	93.6	107	389	557	614
PCB 137	3	0	NA	82.4	93.6	52	19.6	190	21.4	23.2	28.7	37.7	114	160	175
PCB 139 & 140	3	0	NA	26.7	22	21.6	12	52	12.4	12.8	14.1	16.1	34.1	44.8	48.4
PCB 141	3	0	NA	433	495	264	86.3	1000	99	112	150	213	607	843	921
PCB 142	3	100	<0.41 to <35	6.09	9.89	1.25	<0.41	<35	0.24	0.274	0.378	0.55	9.03	14.1	15.8
PCB 144	3	0	NA	96.4	125	51.5	18.7	240	19.9	21	24.6	30.4	135	198	219
PCB 145	3	66.7	<0.15 to <24	4.13	6.82	0.656	<0.15	<24	0.0988	0.123	0.194	0.313	6.16	9.66	10.8
PCB 146	3	0	NA	388	300	320	168	730	178	188	217	266	498	637	684
PCB 147 & 149	3	0	NA	2190	2120	1570	646	4600	712	779	978	1310	2960	3940	4270
PCB 148	3	33.3	<32	7.66	7.23	5.78	3.18	<32	3.24	3.3	3.49	3.79	9.9	13.6	14.8
PCB 150	3	33.3	<22	5.12	5.22	3.37	1.05	<22	1.28	1.5	2.18	3.3	7.15	9.46	10.2
PCB 152	3	33.3	<24	4.56	6.45	1.9	0.47	<24	0.544	0.618	0.84	1.21	6.61	9.84	10.9
PCB 153 & 168	3	0	NA	2280	1960	1770	827	4500	894	962	1160	1500	3000	3900	4200

Table 35. Summary of soil chemistry data collected in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 154	3	0	NA	28.6	6.6	28.1	23.4	36	23.7	24	24.9	26.3	31.2	34.1	35
PCB 155	3	66.7	<0.2 to <19	3.33	5.34	0.724	<0.2	<19	0.13	0.16	0.25	0.4	4.95	7.68	8.59
PCB 156 & 157	3	0	NA	329	342	225	88	720	97.1	106	134	179	450	612	666
PCB 158	3	0	NA	207	219	143	65.5	460	68.6	71.7	81	96.4	278	387	424
PCB 159	3	33.3	<4.3	10.1	7.98	7.33	<4.3	18.1	2.95	3.74	6.13	10.1	14.1	16.5	17.3
PCB 160	3	100	<0.31 to <28	4.86	7.92	0.97	<0.31	<28	0.182	0.208	0.288	0.42	7.21	11.3	12.6
PCB 161	3	100	<0.29 to <25	4.34	7.06	0.887	<0.29	<25	0.169	0.193	0.265	0.385	6.44	10.1	11.3
PCB 162	3	0	NA	7.99	10.4	4.19	1.47	20	1.57	1.68	1.99	2.51	11.3	16.5	18.3
PCB 164	3	0	NA	179	168	130	52.1	370	58.4	64.7	83.6	115	243	319	345
PCB 165	3	33.3	<29	6.52	6.91	4.53	2.48	<29	2.49	2.5	2.54	2.59	8.55	12.1	13.3
PCB 167	3	0	NA	98.5	97.6	70	28.8	210	31.6	34.4	42.7	56.6	133	179	195
PCB 169	3	100	<0.14 to <6.4	1.18	1.75	0.388	<0.14	<6.4	0.089	0.108	0.165	0.26	1.73	2.61	2.91
PCB 170	3	0	NA	567	550	417	202	1200	212	221	251	299	750	1020	1110
PCB 171 & 173	3	0	NA	164	162	120	62.3	350	63.9	65.6	70.5	78.6	214	296	323
PCB 172	3	0	NA	92	85	70.3	38	190	39	40	43.1	48.1	119	162	176
PCB 174	3	0	NA	786	800	544	213	1700	236	259	329	445	1070	1450	1570
PCB 175	3	0	NA	19.9	21.7	13.5	7.34	45	7.35	7.36	7.39	7.44	26.2	37.5	41.2
PCB 176	3	0	NA	68	71	47.8	26.7	150	26.8	26.8	27	27.3	88.7	125	138
PCB 177	3	0	NA	416	355	326	155	820	167	178	214	272	546	710	765
PCB 178	3	0	NA	166	127	137	69.3	310	74.4	79.4	94.7	120	215	272	291
PCB 179	3	0	NA	350	333	255	107	730	118	128	160	213	472	627	678
PCB 180 & 193	3	0	NA	1370	1330	1010	475	2900	502	530	612	749	1820	2470	2680
PCB 181	3	33.3	<2.1	1.87	0.95	1.71	1.64	2.91	1.11	1.17	1.35	1.64	2.28	2.66	2.78
PCB 182	3	0	NA	3.66	3.34	2.8	1.39	7.5	1.46	1.53	1.75	2.1	4.8	6.42	6.96
PCB 183	3	0	NA	280	286	200	108	610	109	111	115	121	366	512	561
PCB 184	3	66.7	<0.15 to <0.4	0.146	0.0643	0.135	<0.15	<0.4	0.0839	0.0928	0.12	0.164	0.182	0.193	0.196
PCB 185	3	33.3	<0.079	84.1	104	7.45	<0.079	200	5.27	10.5	26.2	52.3	126	170	185
PCB 186	3	66.7	<0.17 to <0.39	0.12	0.065	0.11	0.08	<0.39	0.0805	0.081	0.0825	0.085	0.14	0.173	0.184
PCB 187	3	0	NA	1030	854	818	393	2000	423	454	545	696	1350	1740	1870
PCB 188	3	33.3	<0.41	0.53	0.392	0.437	<0.41	0.966	0.227	0.248	0.313	0.42	0.693	0.857	0.911
PCB 189	3	0	NA	24.7	22	19.2	9.88	50	10.3	10.8	12.1	14.3	32.2	42.9	46.4
PCB 190	3	0	NA	137	109	110	50.7	260	55.6	60.5	75.3	99.9	180	228	244
PCB 191	3	0	NA	17	17.3	12.2	6.88	37	6.91	6.94	7.03	7.18	22.1	31	34
PCB 192	3	100	<0.069 to <1.8	0.392	0.452	0.195	<0.069	<1.8	0.0551	0.0756	0.137	0.24	0.57	0.768	0.834

Table 35. Summary of soil chemistry data collected in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 194	3	0	NA	390	355	301	169	800	172	176	186	202	501	680	740
PCB 195	3	0	NA	157	125	128	64.8	300	69	73.2	85.9	107	204	261	281
PCB 196	3	0	NA	164	153	125	73.5	340	73.9	74.4	75.7	77.9	209	288	314
PCB 197	3	0	NA	7.06	7.75	4.74	2.49	16	2.51	2.53	2.59	2.68	9.34	13.3	14.7
PCB 198 & 199	3	0	NA	629	501	511	264	1200	280	296	343	422	811	1040	1120
PCB 200	3	0	NA	76.1	65	59.5	27.8	150	30.1	32.3	39.1	50.4	100	130	140
PCB 201	3	0	NA	55.7	55.7	40.5	23.2	120	23.3	23.3	23.6	23.9	72	101	110
PCB 202	3	0	NA	173	138	140	69.4	330	74.6	79.7	95.2	121	226	288	309
PCB 203	3	0	NA	401	316	327	165	760	176	188	222	278	519	664	712
PCB 204	3	33.3	<0.99	0.235	0.226	0.173	0.085	<0.99	0.0889	0.0928	0.105	0.124	0.31	0.421	0.458
PCB 205	3	0	NA	22.2	17.4	18.1	9.2	42	9.82	10.4	12.3	15.4	28.7	36.7	39.3
PCB 206	3	0	NA	534	371	460	281	960	289	297	321	360	660	840	900
PCB 207	3	0	NA	40.7	33.2	33.2	20.4	79	20.6	20.9	21.6	22.8	50.9	67.8	73.4
PCB 208	3	0	NA	168	123	142	87.5	310	89.4	91.2	96.8	106	208	269	290
PCB 209	3	0	NA	320	165	295	216	510	218	220	225	234	372	455	482
Total PCBs - Homologs	3	0	NA	34000	33600	24400	10500	72400	11400	12200	14800	19000	45700	61700	67100
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	3	0	NA	0.000455	0.000146	0.000439	0.000318	0.000609	0.00033	0.000342	0.000378	0.000437	0.000523	0.000575	0.000592
Total TCDD	3	0	NA	0.00427	0.00275	0.00374	0.00226	0.0074	0.00235	0.00244	0.0027	0.00314	0.00527	0.00655	0.00697
1,2,3,7,8-PeCDD	3	0	NA	0.00124	0.000407	0.00119	0.000788	0.00158	0.000844	0.0009	0.00107	0.00135	0.00147	0.00153	0.00156
Total PeCDD	3	0	NA	0.00922	0.00383	0.00863	0.00525	0.0129	0.00568	0.0061	0.00738	0.0095	0.0112	0.0122	0.0126
1,2,3,4,7,8-HxCDD	3	0	NA	0.00204	0.000552	0.00199	0.00164	0.00267	0.00166	0.00167	0.00173	0.00181	0.00224	0.0025	0.00258
1,2,3,6,7,8-HxCDD	3	0	NA	0.00788	0.00218	0.00769	0.00606	0.0103	0.00618	0.00631	0.00668	0.00729	0.0088	0.0097	0.01
1,2,3,7,8,9-HxCDD	3	0	NA	0.00677	0.00242	0.0065	0.00481	0.00948	0.00493	0.00505	0.00542	0.00603	0.00776	0.00879	0.00914
Total HxCDD	3	0	NA	0.0645	0.0192	0.0627	0.0507	0.0864	0.0513	0.0518	0.0536	0.0564	0.0714	0.0804	0.0834
1,2,3,4,6,7,8-HpCDD	3	0	NA	0.227	0.0871	0.217	0.155	0.324	0.16	0.165	0.179	0.203	0.264	0.3	0.312
Total HpCDD	3	0	NA	0.444	0.165	0.425	0.307	0.627	0.316	0.325	0.353	0.399	0.513	0.581	0.604
Total OCDD	3	0	NA	3.31	0.483	3.29	2.89	3.84	2.92	2.95	3.05	3.21	3.53	3.71	3.78
2,3,7,8-TCDF	3	0	NA	0.0901	0.0971	0.061	0.0276	0.202	0.0289	0.0302	0.0342	0.0407	0.121	0.17	0.186
Total TCDF	3	0	NA	0.709	0.85	0.431	0.211	1.69	0.212	0.214	0.218	0.225	0.958	1.4	1.54
1,2,3,7,8-PeCDF	3	0	NA	0.0373	0.0204	0.0336	0.0196	0.0596	0.0209	0.0222	0.0261	0.0326	0.0461	0.0542	0.0569
2,3,4,7,8-PeCDF	3	0	NA	0.0686	0.0451	0.0593	0.0318	0.119	0.0341	0.0365	0.0435	0.0551	0.0871	0.106	0.113
Total PeCDF	3	0	NA	0.631	0.551	0.49	0.234	1.26	0.251	0.267	0.317	0.399	0.83	1.09	1.17
1,2,3,4,7,8-HxCDF	3	0	NA	0.119	0.0305	0.116	0.0839	0.141	0.0886	0.0933	0.107	0.131	0.136	0.139	0.14

Table 35. Summary of soil chemistry data collected in Reach CC03 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW; cont.)															
1,2,3,6,7,8-HxCDF	3	0	NA	0.0284	0.012	0.0267	0.0169	0.0409	0.018	0.019	0.0222	0.0275	0.0342	0.0382	0.0396
1,2,3,7,8,9-HxCDF	3	0	NA	0.00255	0.000825	0.00245	0.00163	0.00323	0.00175	0.00186	0.00221	0.00278	0.00301	0.00314	0.00319
2,3,4,6,7,8-HxCDF	3	0	NA	0.0137	0.00553	0.0129	0.0085	0.0195	0.00895	0.0094	0.0108	0.013	0.0163	0.0182	0.0189
Total HxCDF	3	0	NA	0.321	0.113	0.308	0.213	0.439	0.223	0.233	0.263	0.312	0.376	0.414	0.426
1,2,3,4,6,7,8-HpCDF	3	66.7	<0.112 to <0.142	0.0688	0.0118	0.0681	0.0793	<0.142	0.0575	0.059	0.0635	0.071	0.0752	0.0776	0.0785
1,2,3,4,7,8,9-HpCDF	3	0	NA	0.0285	0.00397	0.0283	0.0243	0.0322	0.0248	0.0252	0.0266	0.0289	0.0306	0.0315	0.0319
Total HpCDF	3	0	NA	0.166	0.0151	0.166	0.149	0.178	0.151	0.153	0.16	0.171	0.175	0.177	0.177
Total OCDF	3	0	NA	0.22	0.0656	0.213	0.145	0.265	0.156	0.166	0.198	0.251	0.258	0.262	0.264

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 36. Summary of soil chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	10	0	NA	16.3	8.34	14.9	8.8	36.9	9.3	9.79	11.1	13.5	19.4	22.6	29.7
Silt (%)	10	0	NA	66.8	8.78	66.3	57.7	82.6	57.8	58	59.1	64.8	71.1	78.9	80.8
Fines (silt+clay; %)	10	0	NA	83.1	9.88	82.6	70.3	94.9	70.3	70.4	74.1	82.5	91.8	94.5	94.7
Gravel (%)	10	0	NA	0.04	0.126	NA	0	0.4	0	0	0	0	0	0.04	0.22
Sand (%)	10	0	NA	16.9	9.83	14	5.1	29.7	5.28	5.46	8.23	17.6	26	29.3	29.5
Solids (%)	10	0	NA	81.1	8.52	80.7	70.8	99	72.2	73.5	76.7	79	81.9	92.9	95.9
Phosphorus (mg/kg)	10	0	NA	523	150	507	400	867	401	403	445	467	514	728	798
Total Organic Carbon (%)	10	0	NA	2.4	0.823	2.27	1.2	3.7	1.38	1.56	1.73	2.25	3.05	3.34	3.52
Metals (mg/kg DW)															
Aluminum	10	0	NA	13200	3200	12800	9740	19600	9860	9970	10300	12800	15000	16200	17900
Antimony	10	80	<0.1 to <0.25	0.0973	0.0414	0.0881	<0.1	<0.25	0.05	0.05	0.05	0.124	0.125	0.128	0.139
Arsenic	10	0	NA	3.65	0.876	3.58	2.93	5.93	2.98	3.04	3.12	3.37	3.82	4.19	5.06
Barium	10	0	NA	145	38.8	140	82.8	206	89.7	96.7	127	142	175	188	197
Beryllium	10	0	NA	0.792	0.212	0.766	0.507	1.21	0.517	0.528	0.678	0.773	0.902	0.979	1.09
Cadmium	10	50	<0.1 to <0.25	0.162	0.0733	0.147	<0.1	0.321	0.0838	0.118	0.125	0.143	0.193	0.23	0.276
Calcium	10	0	NA	1370	674	1240	687	2770	727	766	817	1230	1710	2110	2440
Chromium	10	0	NA	13.5	4.4	12.9	7.5	22.5	8.76	10	10.9	12.2	15.5	18.7	20.6
Cobalt	10	0	NA	9.7	1.78	9.58	8.27	14	8.32	8.37	8.55	9.32	9.64	11.8	12.9
Copper	10	0	NA	17.7	8.24	16.3	9.69	35.7	10.5	11.4	12	15.6	19.8	28.5	32.1
Iron	10	0	NA	18000	2100	17900	15000	21400	15300	15500	16800	17600	19400	20800	21100
Lead	10	0	NA	34.5	11.2	32.6	19.3	49.1	20.2	21.1	22.8	38.4	42.3	45.6	47.3
Magnesium	10	0	NA	1300	154	1290	1110	1530	1120	1140	1150	1300	1410	1470	1500
Manganese	10	0	NA	816	348	756	410	1590	425	440	617	757	963	1110	1350
Mercury	5	0	NA	1.18	1.33	0.637	0.139	3.42	0.149	0.159	0.19	1	1.16	2.52	2.97
Molybdenum	10	20	<0.25	0.271	0.0878	0.255	<0.25	0.395	0.125	0.125	0.26	0.279	0.329	0.35	0.373
Nickel	10	0	NA	9.72	1.85	9.56	7.35	12.8	7.4	7.46	8.22	9.63	11	11.9	12.4
Potassium	10	0	NA	949	216	929	671	1430	708	745	806	932	1040	1120	1280
Selenium	10	0	NA	0.733	0.182	0.713	0.468	1.1	0.519	0.57	0.609	0.713	0.791	0.938	1.02
Silver	10	50	<0.1 to <0.25	0.152	0.085	0.134	<0.1	0.334	0.0739	0.0977	0.115	0.125	0.143	0.279	0.307
Sodium	10	0	NA	31.3	6.58	30.7	23.7	47.9	25	26.2	27.4	30.6	32.2	34.9	41.4
Thallium	10	30	<0.25	0.2	0.0876	0.184	0.135	0.369	0.125	0.125	0.128	0.155	0.269	0.289	0.329
Vanadium	10	0	NA	17	4.47	16.5	11.2	23.3	12.2	13.2	14	14.7	20.9	23	23.2
Zinc	10	0	NA	76.4	15.9	75	55.1	107	58.1	61.1	64.3	74.9	85.8	94.5	101
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	10	100	<1 to <2.83	1.01	0.357	0.947	<1	<2.83	0.554	0.608	0.653	1.17	1.31	1.34	1.38

Table 36. Summary of soil chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
Aroclor 1221	10	100	<1 to <2.96	1.04	0.386	0.971	<1	<2.96	0.554	0.608	0.653	1.22	1.37	1.4	1.44
Aroclor 1232	10	100	<1 to <2.96	1.04	0.386	0.971	<1	<2.96	0.554	0.608	0.653	1.22	1.37	1.4	1.44
Aroclor 1242	10	100	<1 to <2.96	1.04	0.386	0.971	<1	<2.96	0.554	0.608	0.653	1.22	1.37	1.4	1.44
Aroclor 1248	10	0	NA	235	222	138	8.77	778	15.5	22.3	119	204	251	426	602
Aroclor 1254	10	0	NA	940	871	588	93.4	2630	145	197	238	694	1330	2180	2410
Aroclor 1260	10	0	NA	934	877	591	70.1	3100	103	137	338	863	1150	1520	2310
Total PCBs - Aroclors	10	0	NA	2110	1920	1350	175	6510	266	358	700	1770	2600	4030	5270
PCB 001	5	0	NA	10.2	6.85	7.54	1.5	17.8	2.34	3.18	5.69	10	16	17.1	17.4
PCB 002	5	0	NA	1	0.74	0.697	0.21	1.79	0.213	0.216	0.224	1.3	1.5	1.67	1.73
PCB 003	5	0	NA	10.3	7.45	7.54	1.9	19.7	2.31	2.72	3.95	11	15	17.8	18.8
PCB 004	5	0	NA	5.76	3.81	4.32	0.86	10.1	1.49	2.13	4.03	4.7	9.1	9.7	9.9
PCB 005	5	40	<0.12 to <0.66	0.207	0.145	0.155	0.054	<0.66	0.0552	0.0564	0.06	0.23	0.33	0.348	0.354
PCB 006	5	0	NA	2.62	1.86	1.97	0.54	4.89	0.646	0.752	1.07	2.6	4	4.53	4.71
PCB 007	5	20	<0.86	0.431	0.286	0.341	0.11	<0.86	0.127	0.144	0.196	0.43	0.63	0.726	0.758
PCB 008	5	0	NA	9.23	6.45	6.84	1.7	16.1	2.13	2.56	3.84	9.5	15	15.7	15.9
PCB 009	5	0	NA	0.633	0.459	0.442	0.136	1.09	0.137	0.138	0.14	0.87	0.93	1.03	1.06
PCB 010	5	0	NA	0.227	0.162	0.169	0.041	0.44	0.055	0.069	0.111	0.21	0.332	0.397	0.418
PCB 011	5	20	<0.38	0.235	0.151	0.204	0.11	0.49	0.117	0.123	0.143	0.19	0.24	0.39	0.44
PCB 012 & 013	5	0	NA	2.59	1.87	1.86	0.57	4.61	0.591	0.612	0.674	3.2	3.9	4.33	4.47
PCB 014	5	100	<0.0059 to <0.14	0.0322	0.0267	0.02	<0.0059	<0.14	0.00446	0.00597	0.0105	0.036	0.0415	0.0586	0.0643
PCB 015	5	0	NA	25.5	20.8	17.4	5	53.1	5.29	5.57	6.43	24	39	47.5	50.3
PCB 016	5	0	NA	1.31	1.13	0.895	0.24	3.06	0.267	0.293	0.373	1.4	1.5	2.44	2.75
PCB 017	5	0	NA	2.2	1.47	1.68	0.36	4.25	0.588	0.816	1.5	2.01	2.9	3.71	3.98
PCB 018 & 030	5	0	NA	2.89	2.62	2.04	0.53	7.26	0.68	0.83	1.28	2.5	2.9	5.52	6.39
PCB 019	5	0	NA	1.01	0.711	0.748	0.17	2	0.234	0.298	0.49	1.13	1.24	1.7	1.85
PCB 020 & 028	5	0	NA	18.5	19.3	11.5	2.7	50.9	3.17	3.64	5.06	15	19	38.1	44.5
PCB 021 & 033	5	0	NA	2.81	2.52	1.84	0.48	6.74	0.526	0.572	0.71	2.9	3.2	5.32	6.03
PCB 022	5	0	NA	3.34	2.99	2.22	0.58	8.04	0.644	0.708	0.9	3.6	3.6	6.26	7.15
PCB 023	5	100	<0.0038 to <0.15	0.0368	0.0338	0.0194	<0.0038	<0.15	0.00362	0.00534	0.0105	0.0265	0.07	0.073	0.074
PCB 024	5	20	<0.011	0.0214	0.0189	0.0148	0.007	0.043	0.0058	0.0061	0.007	0.0106	0.041	0.0422	0.0426
PCB 025	5	0	NA	2.84	2.88	1.87	0.4	7.78	0.604	0.808	1.42	2	2.6	5.71	6.74
PCB 026 & 029	5	0	NA	4.86	5.02	3.08	0.62	13.4	0.874	1.13	1.89	4.1	4.3	9.76	11.6
PCB 027	5	0	NA	0.545	0.343	0.418	0.097	0.883	0.136	0.174	0.29	0.613	0.84	0.866	0.874
PCB 031	5	0	NA	15.8	15	9.79	2.1	39.7	2.47	2.84	3.96	16	17	30.6	35.2
PCB 032	5	0	NA	1.44	0.932	1.09	0.23	2.64	0.354	0.478	0.85	1.56	1.9	2.34	2.49
PCB 034	5	60	<0.021 to <0.16	0.0587	0.0367	0.0453	<0.021	<0.16	0.0148	0.0191	0.0321	0.07	0.08	0.0926	0.0968

Table 36. Summary of soil chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 035	5	0	NA	0.391	0.351	0.239	0.051	0.91	0.0572	0.0633	0.0818	0.41	0.5	0.746	0.828
PCB 036	5	40	<0.0037 to <0.046	0.24	0.333	0.0528	<0.0037	0.77	0.00608	0.0103	0.023	0.034	0.37	0.61	0.69
PCB 037	5	0	NA	16.4	16.5	9.76	2.7	42.5	2.73	2.75	2.83	13	21	33.9	38.2
PCB 038	5	80	<0.023 to <0.17	0.0407	0.0369	0.025	0.0049	<0.17	0.00622	0.00754	0.0115	0.027	0.075	0.081	0.083
PCB 039	5	40	<0.022 to <0.16	0.159	0.179	0.0831	<0.022	0.452	0.0188	0.0265	0.0498	0.08	0.2	0.351	0.402
PCB 040 & 041 & 071	2	0	NA	4.55	NA	4.24	2.89	6.21	NA	NA	NA	NA	NA	NA	NA
PCB 040 & 071	3	0	NA	1.9	1.3	1.41	0.4	2.7	0.62	0.84	1.5	2.6	2.65	2.68	2.69
PCB 041	3	0	NA	0.201	0.138	0.151	0.044	0.3	0.0656	0.0872	0.152	0.26	0.28	0.292	0.296
PCB 042	5	0	NA	3.51	3.3	2.26	0.36	8.99	0.708	1.06	2.1	2.29	3.8	6.91	7.95
PCB 043	5	0	NA	0.256	0.347	0.127	0.027	0.864	0.0317	0.0363	0.0503	0.14	0.2	0.598	0.731
PCB 044 & 047 & 065	5	0	NA	12.5	9.65	8.73	1.4	27.8	3.06	4.72	9.7	10	13.4	22	24.9
PCB 045	3	0	NA	0.346	0.242	0.26	0.078	0.55	0.111	0.144	0.244	0.41	0.48	0.522	0.536
PCB 045 & 051	2	0	NA	1.23	NA	1.23	1.14	1.32	NA	NA	NA	NA	NA	NA	NA
PCB 046	5	0	NA	0.187	0.154	0.139	0.033	0.447	0.0538	0.0746	0.137	0.15	0.17	0.336	0.392
PCB 048	5	0	NA	0.753	0.65	0.533	0.13	1.81	0.169	0.208	0.325	0.73	0.77	1.39	1.6
PCB 049 & 069	5	0	NA	23.9	24.8	13.5	1.5	65.4	3.7	5.9	12.5	14	26	49.6	57.5
PCB 050 & 053	5	0	NA	0.95	0.559	0.725	0.13	1.67	0.262	0.394	0.79	1.06	1.1	1.44	1.56
PCB 051	3	0	NA	0.292	0.364	0.159	0.047	0.71	0.0543	0.0616	0.0835	0.12	0.415	0.592	0.651
PCB 052	5	0	NA	38.4	44.1	19.6	2.5	111	4.52	6.54	12.6	17	49	86.2	98.6
PCB 054	5	0	NA	0.0832	0.0804	0.05	0.01	0.2	0.0126	0.0152	0.023	0.052	0.131	0.172	0.186
PCB 055	5	100	<0.009 to <0.29	0.0607	0.0683	0.0278	<0.009	<0.29	0.006	0.0075	0.012	0.017	0.125	0.137	0.141
PCB 056	5	0	NA	13.5	14.8	7.76	1.2	38.7	1.88	2.56	4.6	11	12	28	33.4
PCB 057	5	100	<0.0083 to <0.28	0.0594	0.0671	0.0268	<0.0083	<0.28	0.00562	0.00709	0.0115	0.0165	0.125	0.134	0.137
PCB 058	5	100	<0.0086 to <0.29	0.0604	0.0686	0.0269	<0.0086	<0.29	0.00564	0.00698	0.011	0.0165	0.125	0.137	0.141
PCB 059 & 062 & 075	5	0	NA	1.2	0.951	0.815	0.12	2.71	0.267	0.415	0.857	0.99	1.3	2.15	2.43
PCB 060	5	0	NA	8.2	8.9	4.27	0.78	22	0.912	1.04	1.44	4.8	12	18	20
PCB 061 & 070 & 074 & 076	5	0	NA	78.8	90.1	41.5	6.7	231	8.62	10.5	16.3	65	75	169	200
PCB 063	5	0	NA	1.98	2.03	1.12	0.17	5.3	0.242	0.314	0.531	1.7	2.2	4.06	4.68
PCB 064	5	0	NA	9.32	8.11	5.63	0.64	21.4	1.41	2.17	4.47	7.1	13	18	19.7
PCB 066	5	0	NA	76.2	93.5	38.7	6.8	237	8.32	9.84	14.4	56	67	169	203
PCB 067	5	0	NA	0.857	1.25	0.396	0.078	3.07	0.105	0.133	0.215	0.31	0.61	2.09	2.58
PCB 068	5	0	NA	1.29	1.13	0.881	0.16	3.18	0.286	0.413	0.792	1.1	1.2	2.39	2.78
PCB 072	5	0	NA	1.64	1.64	0.999	0.15	4.36	0.261	0.372	0.706	1.2	1.8	3.34	3.85
PCB 073	5	60	<0.0014 to <0.059	0.0374	0.0584	0.0112	<0.0014	0.14	0.00156	0.00242	0.005	0.012	0.0295	0.0958	0.118
PCB 077	5	0	NA	15	16.5	9.03	2.8	43.1	2.83	2.86	2.96	12	14	31.5	37.3
PCB 078	5	100	<0.0086 to <0.32	0.0671	0.0762	0.0294	<0.0086	<0.32	0.00584	0.00738	0.012	0.019	0.14	0.152	0.156

Table 36. Summary of soil chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 079	5	0	NA	0.645	0.475	0.439	0.063	1.25	0.137	0.211	0.433	0.48	1	1.15	1.2
PCB 080	5	80	<0.0079 to <0.23	0.161	0.283	0.0348	<0.0079	0.66	0.00536	0.00677	0.011	0.0155	0.115	0.442	0.551
PCB 081	5	0	NA	0.392	0.4	0.243	0.07	1.05	0.0724	0.0748	0.082	0.32	0.44	0.806	0.928
PCB 082	5	0	NA	3.7	3.2	2.34	0.32	8.45	0.696	1.07	2.2	2.23	5.3	7.19	7.82
PCB 083	3	66.7	<0.18 to <1.5	1.11	1.25	0.553	<0.18	2.5	0.156	0.222	0.42	0.75	1.63	2.15	2.33
PCB 083 & 099	2	0	NA	103	NA	71	28.5	177	NA	NA	NA	NA	NA	NA	NA
PCB 084	5	0	NA	3.2	2.66	1.99	0.22	7.28	0.536	0.852	1.8	2.71	4	5.97	6.62
PCB 085 & 116 & 117	5	0	NA	19.1	16.8	11.8	1.6	44.2	3.01	4.42	8.66	14	27	37.3	40.8
PCB 086 & 087 & 097 & 108 & 119 & 125	3	0	NA	22.7	20.9	12.9	2.2	44	4.18	6.16	12.1	22	33	39.6	41.8
PCB 086 & 087 & 097 & 109 & 119 & 125	2	0	NA	59.5	NA	41.5	16.9	102	NA	NA	NA	NA	NA	NA	NA
PCB 088 & 091	5	0	NA	6.06	5.2	3.3	0.21	14.2	0.868	1.53	3.5	5.4	6.97	11.3	12.8
PCB 089	5	60	<0.14 to <1.6	0.36	0.322	0.243	0.122	<1.6	0.0804	0.0908	0.122	0.207	0.6	0.72	0.76
PCB 090 & 101 & 113	5	0	NA	81	93	45.6	6	243	12.8	19.6	40.1	55	61	170	207
PCB 092	5	0	NA	20.3	22.1	10.8	1.2	56.6	2.68	4.16	8.59	9.9	25	44	50.3
PCB 093 & 098 & 100 & 102	2	0	NA	2.55	NA	2.43	1.79	3.3	NA	NA	NA	NA	NA	NA	NA
PCB 093 & 100	3	100	<0.13 to <1.5	0.438	0.347	0.29	<0.13	<1.5	0.109	0.152	0.283	0.5	0.625	0.7	0.725
PCB 094	5	60	<0.14 to <1.5	0.388	0.265	0.298	<0.14	<1.5	0.11	0.15	0.269	0.302	0.55	0.67	0.71
PCB 095	5	0	NA	25.5	28.5	12.9	1.2	73.2	2.94	4.68	9.9	14.3	29	55.5	64.4
PCB 096	5	20	<0.1	0.0843	0.0583	0.0575	0.0077	0.157	0.0162	0.0246	0.05	0.087	0.12	0.142	0.15
PCB 098 & 102	3	100	<0.12 to <1.4	0.415	0.326	0.273	<0.12	<1.4	0.103	0.145	0.273	0.485	0.593	0.657	0.679
PCB 099	3	0	NA	34.5	29.2	21.9	4.6	63	7.74	10.9	20.3	36	49.5	57.6	60.3
PCB 103	5	60	<0.12 to <1.3	0.734	0.529	0.489	<0.12	1.44	0.144	0.228	0.48	0.65	1.04	1.28	1.36
PCB 104	5	20	<0.015	0.0327	0.0421	0.0114	0.0012	0.0978	0.0018	0.0024	0.0042	0.0075	0.053	0.0799	0.0888
PCB 105	5	0	NA	65.3	73.6	38.5	9	191	10.5	12	16.5	48	62	139	165
PCB 106	5	100	<0.0087 to <1.3	0.237	0.3	0.0603	<0.0087	<1.3	0.00568	0.00701	0.011	0.055	0.465	0.576	0.613
PCB 107	2	0	NA	17	NA	10.5	3.65	30.4	NA	NA	NA	NA	NA	NA	NA
PCB 107 & 124	3	0	NA	2.77	2.29	1.93	0.52	5.1	0.738	0.956	1.61	2.7	3.9	4.62	4.86
PCB 108 & 124	2	0	NA	5.74	NA	4.02	1.64	9.83	NA	NA	NA	NA	NA	NA	NA
PCB 109	3	0	NA	7.87	5.37	5.96	1.8	12	2.6	3.4	5.8	9.8	10.9	11.6	11.8
PCB 110 & 115	5	0	NA	85.2	102	44.7	4.8	263	12.1	19.4	41.2	56	61	182	223
PCB 111	5	100	<0.094 to <1.1	0.246	0.217	0.161	<0.094	<1.1	0.0486	0.0502	0.055	0.2	0.38	0.482	0.516
PCB 112	5	100	<0.0015 to <1	0.183	0.234	0.0286	<0.0015	<1	0.00122	0.00169	0.0031	0.045	0.365	0.446	0.473
PCB 114	5	0	NA	2.11	2.29	1.24	0.26	5.98	0.312	0.364	0.52	1.8	2	4.39	5.18
PCB 118	5	0	NA	147	148	89.1	19	390	22.4	25.8	36.1	140	150	294	342

Table 36. Summary of soil chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 120	5	40	<0.81 to <1.1	0.622	0.645	0.42	0.11	1.74	0.149	0.189	0.307	0.405	0.55	1.26	1.5
PCB 121	5	60	<0.093 to <1.1	0.26	0.203	0.19	<0.093	<1.1	0.064	0.0815	0.134	0.191	0.38	0.482	0.516
PCB 122	5	40	<0.95 to <1.3	1.13	1.56	0.607	0.14	3.9	0.207	0.274	0.475	0.488	0.65	2.6	3.25
PCB 123	5	0	NA	2.34	1.87	1.77	0.49	5.38	0.642	0.794	1.25	2.1	2.5	4.23	4.8
PCB 126	5	0	NA	0.991	0.834	0.669	0.157	2.1	0.192	0.226	0.33	0.768	1.6	1.9	2
PCB 127	5	60	<0.11 to <1.3	0.309	0.26	0.197	0.0554	<1.3	0.0551	0.0552	0.0554	0.32	0.465	0.576	0.613
PCB 128 & 166	5	0	NA	30.2	30.5	19.4	3.8	82	5.7	7.6	13.3	22	30	61.2	71.6
PCB 129 & 138 & 163	5	0	NA	249	238	167	34	651	51.6	69.2	122	190	250	491	571
PCB 130	5	0	NA	10.8	10.4	6.77	1.1	27.7	1.97	2.84	5.44	6.6	13	21.8	24.8
PCB 131	5	60	<0.12 to <0.59	0.461	0.456	0.304	<0.12	1.24	0.102	0.144	0.27	0.295	0.438	0.919	1.08
PCB 132	5	0	NA	30.3	33.4	15.5	1.3	87	4.04	6.78	15	17.2	31	64.6	75.8
PCB 133	5	0	NA	4.55	4.1	3.17	0.64	11.5	1.13	1.62	3.1	3.4	4.1	8.54	10
PCB 134 & 143	5	0	NA	4.01	4.51	1.88	0.13	11.5	0.424	0.718	1.6	2.03	4.8	8.82	10.2
PCB 135 & 151	5	0	NA	61.1	68.1	32.1	3.1	177	8.2	13.3	28.6	35	62	131	154
PCB 136	5	0	NA	8.02	7.97	3.68	0.19	20.3	0.692	1.19	2.7	5.9	11	16.6	18.4
PCB 137	5	0	NA	4.98	4.35	3.26	0.48	12	1.04	1.61	3.3	3.34	5.8	9.52	10.8
PCB 139 & 140	5	0	NA	1.76	1.75	0.99	0.1	4.65	0.242	0.384	0.81	1.33	1.9	3.55	4.1
PCB 141	5	0	NA	20.9	18.5	12.4	1.2	50	3.42	5.64	12.3	15	26	40.4	45.2
PCB 142	5	100	<0.036 to <0.54	0.13	0.12	0.0819	<0.036	<0.54	0.0254	0.0328	0.055	0.055	0.25	0.262	0.266
PCB 144	5	0	NA	2.79	2.33	1.56	0.12	5.85	0.396	0.672	1.5	1.98	4.5	5.31	5.58
PCB 145	5	80	<0.0081 to <0.35	0.0787	0.082	0.0376	<0.0081	<0.35	0.00698	0.00991	0.0187	0.0355	0.16	0.169	0.172
PCB 146	5	0	NA	37.1	33	25.7	5.2	91.6	8.54	11.9	21.9	26	41	71.4	81.5
PCB 147 & 149	5	0	NA	117	142	61.5	6.8	366	18.4	30	64.8	69	79	251	309
PCB 148	5	40	<0.098 to <0.48	0.605	0.537	0.37	<0.098	1.43	0.0872	0.125	0.24	0.54	0.768	1.17	1.3
PCB 150	5	60	<0.066 to <0.32	0.182	0.113	0.144	<0.066	0.343	0.0564	0.0798	0.15	0.16	0.224	0.295	0.319
PCB 152	5	80	<0.068 to <0.33	0.13	0.0855	0.103	<0.068	<0.33	0.0382	0.0424	0.055	0.155	0.165	0.211	0.227
PCB 153 & 168	5	0	NA	200	177	139	29	492	44.6	60.2	107	160	210	379	436
PCB 154	5	0	NA	2.9	2.81	1.67	0.17	7.56	0.416	0.662	1.4	2.5	2.89	5.69	6.63
PCB 155	5	80	<0.011 to <0.43	0.106	0.0988	0.0573	<0.011	<0.43	0.0127	0.0199	0.0415	0.0601	0.21	0.213	0.214
PCB 156 & 157	5	0	NA	25.5	24	17.4	4.4	65.3	5.46	6.52	9.71	21	27	50	57.6
PCB 158	5	0	NA	12.4	10.1	8.38	1.4	26.9	2.5	3.6	6.91	8.8	18	23.3	25.1
PCB 159	5	20	<0.025	1.55	2.79	0.315	<0.025	6.53	0.038	0.0635	0.14	0.39	0.695	4.2	5.36
PCB 160	5	100	<0.026 to <0.43	0.103	0.0967	0.0631	<0.026	<0.43	0.0186	0.0242	0.041	0.0435	0.2	0.209	0.212
PCB 161	5	100	<0.024 to <0.37	0.0895	0.0834	0.0561	<0.024	<0.37	0.0171	0.0222	0.0375	0.038	0.175	0.181	0.183
PCB 162	5	0	NA	0.461	0.35	0.334	0.075	0.982	0.102	0.129	0.209	0.51	0.53	0.801	0.892
PCB 164	5	0	NA	14.1	14.1	8.17	1.1	37.1	1.9	2.69	5.08	11	16	28.7	32.9
PCB 165	5	40	<0.087 to <0.43	0.455	0.395	0.293	<0.087	1.08	0.0778	0.112	0.215	0.41	0.524	0.858	0.969

Table 36. Summary of soil chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 167	5	0	NA	8.46	7.55	5.96	1.5	20.9	1.96	2.42	3.79	6.9	9.2	16.2	18.6
PCB 169	5	80	<0.028 to <0.22	0.0906	0.0971	0.0518	<0.028	0.249	0.0142	0.0144	0.015	0.065	0.11	0.193	0.221
PCB 170	5	0	NA	47.9	34.6	35.6	8.9	95.7	11.3	13.7	21	50	64	83	89.4
PCB 171 & 173	5	0	NA	12.6	9.52	8.67	1.5	22.8	2.39	3.27	5.93	11	22	22.5	22.6
PCB 172	5	0	NA	8.48	5.68	6.48	1.6	15.7	2.14	2.69	4.32	8.8	12	14.2	15
PCB 174	5	0	NA	58.3	48.1	38	6.3	128	9.46	12.6	22.1	57	78	108	118
PCB 175	5	0	NA	1.13	0.874	0.748	0.1	2.3	0.223	0.347	0.717	0.82	1.73	2.07	2.19
PCB 176	5	0	NA	3.32	2.67	1.91	0.15	6.21	0.53	0.91	2.05	2.2	6	6.13	6.17
PCB 177	5	0	NA	41.8	31.7	29.5	6.1	86	8.46	10.8	17.9	42	57	74.4	80.2
PCB 178	5	0	NA	20.4	15.2	15.3	3.7	44	5.18	6.66	11.1	20	23	35.6	39.8
PCB 179	5	0	NA	27.1	24.5	16.3	2.1	64.3	3.88	5.66	11	21	37	53.4	58.8
PCB 180 & 193	5	0	NA	100	78.4	75	19	225	25.7	32.4	52.4	96	110	179	202
PCB 181	5	0	NA	0.471	0.386	0.339	0.081	1.08	0.108	0.135	0.215	0.43	0.55	0.868	0.974
PCB 182	5	0	NA	0.275	0.202	0.208	0.053	0.576	0.0732	0.0934	0.154	0.23	0.36	0.49	0.533
PCB 183	5	0	NA	19.7	14.3	13.4	1.9	37	4.16	6.42	13.2	15	31.4	34.8	35.9
PCB 184	5	80	<0.0071 to <0.05	0.0125	0.00907	0.00946	<0.0071	<0.05	0.00362	0.00369	0.0039	0.013	0.0168	0.0217	0.0234
PCB 185	5	20	<0.0068	5.8	5.39	1.09	<0.0068	11.1	0.123	0.242	0.6	6.3	11	11.1	11.1
PCB 186	5	100	<0.0052 to <0.048	0.00936	0.00909	0.00649	<0.0052	<0.048	0.00282	0.00304	0.0037	0.004	0.0125	0.0194	0.0217
PCB 187	5	0	NA	101	80.2	75.2	19	230	26	33	53.9	93	110	182	206
PCB 188	5	0	NA	0.116	0.0711	0.0831	0.012	0.191	0.0252	0.0384	0.078	0.14	0.158	0.178	0.184
PCB 189	5	0	NA	2.46	1.94	1.82	0.49	5.47	0.618	0.746	1.13	2.2	3	4.48	4.98
PCB 190	5	0	NA	17.8	13.8	12.8	3.5	38	4.06	4.61	6.28	19	22	31.6	34.8
PCB 191	5	0	NA	1.29	0.939	0.913	0.18	2.4	0.264	0.347	0.598	1.2	2.05	2.26	2.33
PCB 192	5	80	<0.012 to <0.11	0.0231	0.0217	0.0156	0.0065	<0.11	0.0061	0.0062	0.0065	0.012	0.036	0.0474	0.0512
PCB 194	5	0	NA	32.5	26	23.5	5.5	72.4	7.54	9.58	15.7	28	41	59.8	66.1
PCB 195	5	0	NA	14.7	13.5	9.95	2.2	36.8	3.02	3.83	6.28	12	16	28.5	32.6
PCB 196	5	0	NA	11.5	8.62	8.16	1.6	21.8	2.45	3.31	5.87	9.3	19	20.7	21.2
PCB 197	5	0	NA	0.62	0.428	0.449	0.086	1.1	0.132	0.178	0.315	0.63	0.97	1.05	1.07
PCB 198 & 199	5	0	NA	64.2	53.5	46.5	12	150	15.4	18.8	29	57	73	119	135
PCB 200	5	0	NA	5.33	4.77	3.53	0.64	13	0.998	1.36	2.43	4.4	6.2	10.3	11.6
PCB 201	5	0	NA	3.62	2.68	2.53	0.43	6.86	0.802	1.17	2.29	2.6	5.9	6.48	6.67
PCB 202	5	0	NA	18.9	16.3	13.6	3.3	45.9	4.68	6.06	10.2	15	20	35.5	40.7
PCB 203	5	0	NA	41	34.9	29.5	7.6	97.4	9.7	11.8	18.1	36	46	76.8	87.1
PCB 204	5	60	<0.027 to <0.05	0.0236	0.0161	0.0203	0.0125	0.051	0.0127	0.0129	0.0135	0.016	0.025	0.0406	0.0458
PCB 205	5	0	NA	2.42	2.03	1.76	0.46	5.71	0.598	0.736	1.15	2.1	2.7	4.51	5.11
PCB 206	5	0	NA	61.7	53.3	45.2	12	151	16.3	20.6	33.6	50	62	115	133
PCB 207	5	0	NA	3.8	3.06	2.74	0.62	8.55	0.9	1.18	2.02	3	4.8	7.05	7.8

Table 36. Summary of soil chemistry data collected in Reach CC04 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 208	5	0	NA	20.5	17.8	14.9	4.1	50.2	5.28	6.46	10	17	21	38.5	44.4
PCB 209	5	0	NA	52	52	36	9.7	142	13.2	16.8	27.4	35	46	104	123
Total PCBs - Homologs	5	0	NA	2350	2210	1590	341	6060	491	641	1090	2100	2140	4490	5280
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	5	40	<0.000102 to <0.000138	0.000137	0.0000817	0.000116	<0.000102	0.000233	0.0000546	0.0000582	0.000069	0.000121	0.000209	0.000223	0.000228
Total TCDD	5	20	<0.000138	0.000522	0.000582	0.000312	<0.000138	0.0015	0.0000954	0.000122	0.000201	0.000233	0.000608	0.00114	0.00132
1,2,3,7,8-PeCDD	5	0	NA	0.000375	0.000196	0.000337	0.000194	0.000678	0.000197	0.000201	0.000211	0.000381	0.000413	0.000572	0.000625
Total PeCDD	5	0	NA	0.00206	0.00167	0.00126	0.000194	0.00396	0.000266	0.000339	0.000556	0.0022	0.00341	0.00374	0.00385
1,2,3,4,7,8-HxCDD	5	0	NA	0.000954	0.000288	0.000909	0.000484	0.00119	0.00057	0.000657	0.000916	0.000998	0.00118	0.00119	0.00119
1,2,3,6,7,8-HxCDD	5	0	NA	0.00264	0.00117	0.00242	0.00114	0.00442	0.00141	0.00167	0.00247	0.00257	0.00259	0.00369	0.00405
1,2,3,7,8,9-HxCDD	5	0	NA	0.00287	0.000955	0.00272	0.00143	0.00403	0.00168	0.00192	0.00266	0.00294	0.00329	0.00373	0.00388
Total HxCDD	5	0	NA	0.0239	0.00719	0.0228	0.0123	0.0319	0.0147	0.017	0.0241	0.0245	0.0267	0.0298	0.0309
1,2,3,4,6,7,8-HpCDD	5	0	NA	0.104	0.0483	0.0958	0.0583	0.172	0.0608	0.0633	0.0707	0.0831	0.137	0.158	0.165
Total HpCDD	5	0	NA	0.21	0.0886	0.196	0.123	0.329	0.128	0.133	0.148	0.173	0.277	0.308	0.319
Total OCDD	5	0	NA	2.66	1.43	2.41	1.44	5.09	1.53	1.61	1.87	2.31	2.57	4.08	4.59
2,3,7,8-TCDF	5	20	<0.0059	0.00637	0.00505	0.00492	0.00188	0.0142	0.00209	0.00231	0.00295	0.00431	0.0085	0.0119	0.0131
Total TCDF	5	0	NA	0.0345	0.02	0.0286	0.00993	0.057	0.0115	0.013	0.0177	0.0399	0.0478	0.0533	0.0552
1,2,3,7,8-PeCDF	5	0	NA	0.00466	0.0034	0.0034	0.000801	0.00931	0.00103	0.00126	0.00196	0.00506	0.00615	0.00805	0.00868
2,3,4,7,8-PeCDF	5	0	NA	0.00842	0.00704	0.00608	0.00157	0.0197	0.00201	0.00245	0.00378	0.0074	0.00964	0.0157	0.0177
Total PeCDF	5	0	NA	0.0573	0.0442	0.0417	0.0101	0.123	0.0132	0.0163	0.0256	0.0543	0.0734	0.103	0.113
1,2,3,4,7,8-HxCDF	5	0	NA	0.0222	0.0175	0.0161	0.00408	0.0488	0.00506	0.00603	0.00896	0.0235	0.0257	0.0396	0.0442
1,2,3,6,7,8-HxCDF	5	0	NA	0.00483	0.00356	0.00373	0.00113	0.0103	0.00136	0.00158	0.00226	0.00508	0.00538	0.00833	0.00932
1,2,3,7,8,9-HxCDF	5	0	NA	0.00054	0.000318	0.000464	0.000242	0.000971	0.000244	0.000246	0.000252	0.000485	0.000749	0.000882	0.000927
2,3,4,6,7,8-HxCDF	5	0	NA	0.00267	0.00186	0.00215	0.000765	0.00554	0.000876	0.000987	0.00132	0.00276	0.00298	0.00452	0.00503
Total HxCDF	5	0	NA	0.0605	0.0406	0.0493	0.0203	0.121	0.0215	0.0227	0.0262	0.0629	0.072	0.101	0.111
1,2,3,4,6,7,8-HpCDF	5	0	NA	0.0317	0.0172	0.0281	0.0142	0.0584	0.0152	0.0162	0.0191	0.0321	0.0346	0.0489	0.0536
1,2,3,4,7,8,9-HpCDF	5	0	NA	0.00617	0.00474	0.00494	0.00227	0.014	0.00233	0.00238	0.00255	0.00587	0.00617	0.0109	0.0124
Total HpCDF	5	0	NA	0.0659	0.0372	0.0583	0.028	0.126	0.0312	0.0344	0.044	0.0627	0.069	0.103	0.115
Total OCDF	5	20	<0.0228	0.0555	0.0414	0.0431	<0.0228	0.124	0.0179	0.0243	0.0437	0.0473	0.051	0.0948	0.109

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 37. Summary of soil chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	11	0	NA	13.2	6.75	10.9	2.4	21.4	3.35	4.3	8.4	13.8	18.7	20	20.7
Silt (%)	11	0	NA	61.2	16.1	58.7	25.3	77.4	35.9	46.4	53.9	62	74.7	76.8	77.1
Fines (silt+clay; %)	11	0	NA	74.4	22.5	70.3	27.7	97	39.2	50.7	62.8	75.1	93.3	97	97
Gravel (%)	11	0	NA	0.00909	0.0302	NA	0	0.1	0	0	0	0	0	0	0.05
Sand (%)	11	0	NA	25.6	22.6	15.5	2.9	72.3	2.95	3	6.7	24.9	37.3	49.3	60.8
Solids (%)	11	0	NA	79.3	7.9	79	66.8	96	68.6	70.3	75.2	79.1	82.2	86.7	91.4
Phosphorus (mg/kg)	11	0	NA	587	190	561	384	963	385	385	437	516	719	789	876
Total Organic Carbon (%)	11	0	NA	3.06	1.17	2.89	2	5.3	2.05	2.1	2.2	2.5	3.95	4.5	4.9
Metals (mg/kg DW)															
Aluminum	11	0	NA	11500	5050	10600	5320	23100	5820	6320	8310	10900	13900	15500	19300
Antimony	11	81.8	<0.1 to <0.25	0.0956	0.0453	0.0852	<0.1	<0.25	0.05	0.05	0.05	0.125	0.125	0.135	0.151
Arsenic	11	0	NA	5.91	4.3	4.85	2.42	16	2.49	2.55	3	3.82	8.07	10.1	13.1
Barium	11	0	NA	114	32	110	61.9	155	68	74	89.7	122	141	145	150
Beryllium	11	0	NA	0.656	0.167	0.638	0.465	0.939	0.472	0.479	0.543	0.599	0.762	0.919	0.929
Cadmium	11	27.3	<0.25	0.529	0.612	0.292	0.102	1.86	0.114	0.125	0.125	0.161	0.824	1.36	1.61
Calcium	11	0	NA	2410	623	2340	1440	3640	1670	1890	2090	2200	2760	3160	3400
Chromium	11	0	NA	16	6.05	14.9	7.91	26	8.45	8.98	12.5	14.9	19.6	24.9	25.5
Cobalt	11	0	NA	10.1	2.19	9.92	7.43	13.9	7.66	7.88	8.25	10.1	11.8	12.8	13.4
Copper	11	0	NA	17	6.55	15.8	8.05	28.5	8.6	9.14	12.6	17	20	26.2	27.4
Iron	11	0	NA	18500	5710	17800	12200	31800	12400	12600	13800	18300	20800	22300	27100
Lead	11	0	NA	40.6	38.6	31.1	9	151	12.3	15.6	22.5	30.7	43.4	47	99
Magnesium	11	0	NA	1050	206	1030	688	1520	792	895	971	989	1140	1170	1350
Manganese	11	0	NA	766	250	726	332	1200	444	556	653	696	927	1060	1130
Mercury	4	0	NA	0.991	1.82	0.209	0.0646	3.72	0.0674	0.0702	0.0787	0.0893	1	2.63	3.18
Molybdenum	11	0	NA	0.37	0.0887	0.361	0.223	0.558	0.262	0.3	0.322	0.355	0.414	0.448	0.503
Nickel	11	0	NA	11.2	4.58	10.5	6.58	21.8	7.15	7.71	8	10.4	11.8	17.1	19.5
Potassium	11	0	NA	662	160	644	424	880	464	504	542	592	818	842	861
Selenium	11	0	NA	0.726	0.283	0.676	0.381	1.2	0.385	0.389	0.506	0.719	0.92	1.08	1.14
Silver	11	54.5	<0.1 to <0.25	0.254	0.27	0.163	<0.1	0.953	0.05	0.05	0.0875	0.125	0.336	0.433	0.693
Sodium	11	0	NA	32.3	15.8	29.3	15	66.2	16.5	18	22.6	25.6	41.2	49.7	58
Thallium	11	27.3	<0.1 to <0.25	0.214	0.119	0.181	<0.1	0.424	0.0825	0.115	0.121	0.191	0.299	0.341	0.383
Vanadium	11	0	NA	22.9	15.6	18.9	8.71	58.7	9.51	10.3	11	16.5	32.7	35.4	47.1
Zinc	11	0	NA	74.2	42.7	65.5	36.3	167	37.5	38.6	46.4	57.8	84	140	154
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	11	100	<1.04 to <3.04	1.06	0.361	0.994	<1.04	<3.04	0.573	0.625	0.67	1.24	1.32	1.36	1.44

Table 37. Summary of soil chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
Aroclor 1221	11	100	<1.04 to <3.18	1.1	0.39	1.02	<1.04	<3.18	0.573	0.625	0.67	1.29	1.37	1.42	1.5
Aroclor 1232	11	100	<1.04 to <3.18	1.1	0.39	1.02	<1.04	<3.18	0.573	0.625	0.67	1.29	1.37	1.42	1.5
Aroclor 1242	11	100	<1.04 to <3.18	1.1	0.39	1.02	<1.04	<3.18	0.573	0.625	0.67	1.29	1.37	1.42	1.5
Aroclor 1248	11	18.2	<1.42 to <3.18	299	565	25	<1.42	1880	1.15	1.59	3.17	14.4	406	558	1220
Aroclor 1254	11	9.09	<3.18	835	1810	73.8	<3.18	6140	3.99	6.38	10.9	56.5	921	1040	3590
Aroclor 1260	11	0	NA	657	1060	93.4	4.04	3390	4.58	5.11	15	38.5	984	1610	2500
Total PCBs - Aroclors	11	0	NA	1790	3400	225	13.5	11400	14.3	15	34	111	2390	3060	7230
PCB 001	4	0	NA	6.01	6.91	0.59	0.0071	12.9	0.024	0.041	0.0918	5.56	11.5	12.3	12.6
PCB 002	4	0	NA	0.512	0.584	0.0823	0.0025	1.1	0.00483	0.00715	0.0141	0.474	0.972	1.05	1.07
PCB 003	4	0	NA	6.31	7.22	0.594	0.0066	13	0.0236	0.0406	0.0917	6.11	12.3	12.7	12.9
PCB 004	4	25	<0.012	4.16	5.19	0.365	<0.012	10.8	0.0122	0.0183	0.0368	2.92	7.05	9.3	10.1
PCB 005	4	100	<0.0065 to <1.2	0.153	0.298	0.0147	<0.0065	<1.2	0.00331	0.00337	0.00355	0.00508	0.155	0.422	0.511
PCB 006	4	25	<0.0074	1.89	2.16	0.195	<0.0074	3.81	0.00735	0.011	0.0219	1.86	3.73	3.78	3.79
PCB 007	4	50	<0.0069 to <1.1	0.287	0.326	0.0517	0.0064	<1.1	0.00389	0.00434	0.00566	0.278	0.56	0.577	0.583
PCB 008	4	25	<0.0072	6.83	7.9	0.53	<0.0072	15	0.0211	0.0385	0.0909	6.16	12.9	14.2	14.6
PCB 009	4	50	<0.0078 to <1.2	0.328	0.373	0.0633	<0.0078	<1.2	0.00479	0.00567	0.00833	0.305	0.625	0.669	0.683
PCB 010	4	75	<0.0059 to <0.34	0.132	0.165	0.0293	<0.0059	0.35	0.00314	0.00333	0.00389	0.0871	0.215	0.296	0.323
PCB 011	4	25	<1.3	0.266	0.314	0.0707	0.0088	<1.3	0.00913	0.00946	0.0105	0.204	0.46	0.574	0.612
PCB 012 & 013	4	25	<0.0077	2.02	2.61	0.195	<0.0077	5.5	0.00732	0.0108	0.0212	1.29	3.29	4.62	5.06
PCB 014	4	100	<0.0056 to <1.1	0.141	0.273	0.0131	<0.0056	<1.1	0.00286	0.00292	0.0031	0.0046	0.142	0.387	0.468
PCB 015	4	0	NA	26.7	34.6	2.1	0.033	73	0.0641	0.0951	0.188	16.9	43.4	61.2	67.1
PCB 016	4	0	NA	0.979	1.12	0.0997	0.002	2	0.00365	0.0053	0.0103	0.957	1.93	1.97	1.99
PCB 017	4	0	NA	1.84	2.16	0.152	0.0027	4.23	0.00455	0.00639	0.0119	1.56	3.38	3.89	4.06
PCB 018 & 030	4	0	NA	2.69	3.09	0.244	0.0046	5.51	0.00796	0.0113	0.0214	2.61	5.28	5.42	5.46
PCB 019	4	25	<0.0015	0.844	1.05	0.0606	<0.0015	2.17	0.00167	0.0026	0.00536	0.603	1.44	1.88	2.02
PCB 020 & 028	4	0	NA	18.6	25.4	1.32	0.023	54	0.0376	0.0521	0.0958	10.3	28.8	43.9	49
PCB 021 & 033	4	0	NA	2.5	3.12	0.246	0.0056	6.5	0.00911	0.0126	0.0232	1.74	4.22	5.59	6.04
PCB 022	4	0	NA	2.89	3.79	0.244	0.0048	8	0.00798	0.0112	0.0207	1.78	4.66	6.66	7.33
PCB 023	4	100	<0.0012 to <1.5	0.194	0.371	0.0111	<0.0012	<1.5	0.00072	0.00084	0.0012	0.013	0.206	0.532	0.641
PCB 024	4	100	<0.0008 to <0.095	0.0145	0.0224	0.00305	<0.0008	<0.095	0.000412	0.000424	0.00046	0.00499	0.019	0.0361	0.0418
PCB 025	4	0	NA	3.54	4.73	0.171	0.0017	10	0.00325	0.00479	0.00943	2.08	5.61	8.25	9.12
PCB 026 & 029	4	0	NA	6.94	9.44	0.342	0.0042	20	0.00672	0.00924	0.0168	3.89	10.8	16.3	18.2
PCB 027	4	0	NA	0.786	1.04	0.0664	0.0012	2.2	0.00221	0.00321	0.00623	0.471	1.25	1.82	2.01
PCB 031	4	0	NA	18	23.7	1.11	0.017	50	0.0268	0.0365	0.0658	10.9	28.9	41.5	45.8
PCB 032	4	0	NA	1.49	1.72	0.127	0.0021	3.2	0.00389	0.00567	0.011	1.38	2.86	3.07	3.13
PCB 034	4	75	<0.0013 to <1.7	0.234	0.413	0.0161	<0.0013	<1.7	0.00077	0.00089	0.00125	0.0422	0.275	0.62	0.735

Table 37. Summary of soil chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 035	4	75	<0.0015 to <1.9	0.322	0.447	0.0251	<0.0015	<1.9	0.000885	0.00102	0.00143	0.169	0.49	0.766	0.858
PCB 036	4	50	<0.0013 to <0.043	0.707	1.4	0.0201	<0.0013	2.8	0.00118	0.00172	0.00331	0.0129	0.716	1.97	2.38
PCB 037	4	0	NA	18.9	27.8	1.29	0.026	59	0.0386	0.0512	0.089	8.26	27.1	46.2	52.6
PCB 038	4	100	<0.0014 to <1.9	0.244	0.471	0.0127	<0.0014	<1.9	0.000828	0.000955	0.00134	0.0133	0.256	0.673	0.811
PCB 039	4	75	<0.0013 to <1.7	0.264	0.402	0.0203	<0.0013	<1.7	0.000778	0.000905	0.00129	0.103	0.366	0.657	0.753
PCB 040 & 041 & 071	1	0	NA	3.84	NA	3.84	3.84	3.84	NA	NA	NA	NA	NA	NA	NA
PCB 040 & 071	3	0	NA	15.7	27.1	0.429	0.017	47	0.0252	0.0334	0.058	0.099	23.5	37.6	42.3
PCB 041	3	33.3	<0.00071	0.735	1.27	0.0164	<0.00071	2.2	0.00088	0.0014	0.00298	0.0056	1.1	1.76	1.98
PCB 042	4	0	NA	9.35	16.5	0.577	0.014	34	0.0224	0.0308	0.056	1.7	11	24.8	29.4
PCB 043	4	75	<0.00063 to <0.45	0.0611	0.109	0.0077	<0.00063	<0.45	0.000733	0.00115	0.0024	0.00955	0.0683	0.162	0.194
PCB 044 & 047 & 065	4	0	NA	43.8	77.8	2.46	0.064	160	0.0904	0.117	0.196	7.57	51.2	116	138
PCB 045	3	0	NA	2.54	4.38	0.0627	0.0027	7.6	0.00363	0.00456	0.00735	0.012	3.81	6.08	6.84
PCB 045 & 051	1	0	NA	1.65	NA	1.65	1.65	1.65	NA	NA	NA	NA	NA	NA	NA
PCB 046	4	25	<0.00066	0.935	1.65	0.035	<0.00066	3.4	0.000881	0.00143	0.00308	0.17	1.1	2.48	2.94
PCB 048	4	0	NA	1.57	2.53	0.112	0.0021	5.3	0.00404	0.00597	0.0118	0.48	2.03	3.99	4.65
PCB 049 & 069	4	0	NA	54.7	85.5	3.02	0.057	180	0.08	0.103	0.172	19.5	74	138	159
PCB 050 & 053	4	0	NA	3.96	6.74	0.271	0.0053	14	0.0105	0.0157	0.0313	0.925	4.86	10.3	12.2
PCB 051	3	0	NA	1	1.73	0.0315	0.00095	3	0.00196	0.00296	0.00598	0.011	1.51	2.4	2.7
PCB 052	4	0	NA	107	177	5.33	0.11	370	0.146	0.182	0.29	28.5	135	276	323
PCB 054	4	25	<0.00044	0.112	0.13	0.012	<0.00044	0.246	0.000472	0.000724	0.00148	0.101	0.212	0.232	0.239
PCB 055	4	100	<0.0014 to <2.1	0.27	0.52	0.0128	<0.0014	<2.1	0.000805	0.00091	0.00123	0.0137	0.282	0.743	0.896
PCB 056	4	0	NA	19.3	32.1	1.19	0.031	67	0.0406	0.0502	0.079	5.15	24.4	50	58.5
PCB 057	4	75	<0.0014 to <2.3	0.335	0.551	0.0214	<0.0014	<2.3	0.000805	0.00091	0.00123	0.0942	0.428	0.861	1.01
PCB 058	4	75	<0.0014 to <2.3	0.348	0.546	0.0228	<0.0014	<2.3	0.000805	0.00091	0.00123	0.121	0.468	0.877	1.01
PCB 059 & 062 & 075	4	0	NA	3.37	5.79	0.223	0.006	12	0.0087	0.0114	0.0195	0.732	4.08	8.83	10.4
PCB 060	4	0	NA	9.74	14.1	0.606	0.013	30	0.0169	0.0208	0.0325	4.46	14.2	23.7	26.8
PCB 061 & 070 & 074 & 076	4	0	NA	89.9	132	4.84	0.099	280	0.122	0.144	0.212	39.8	130	220	250
PCB 063	4	0	NA	1.8	2.41	0.143	0.0028	5.1	0.00448	0.00616	0.0112	1.05	2.84	4.2	4.65
PCB 064	4	0	NA	21	33.3	1.4	0.03	70	0.045	0.06	0.105	7.07	28	53.2	61.6
PCB 066	4	0	NA	99.8	163	5.22	0.12	340	0.149	0.177	0.263	29.5	129	256	298
PCB 067	4	25	<0.0013	0.974	1.41	0.052	<0.0013	3	0.00118	0.00172	0.00331	0.449	1.42	2.37	2.68
PCB 068	4	0	NA	1.18	1.4	0.117	0.0044	2.8	0.00493	0.00545	0.00703	0.954	2.13	2.53	2.67
PCB 072	4	0	NA	1.73	2.11	0.142	0.0051	4.3	0.00542	0.00573	0.00668	1.3	3.03	3.79	4.05
PCB 073	4	0	NA	0.761	1.43	0.0325	0.0012	2.9	0.00137	0.00153	0.00203	0.0712	0.83	2.07	2.49
PCB 077	4	0	NA	16.4	25.6	1.11	0.03	54	0.0378	0.0456	0.069	5.74	22.1	41.2	47.6
PCB 078	4	100	<0.0016 to <2.6	0.332	0.645	0.0144	<0.0016	<2.6	0.00092	0.00104	0.0014	0.0136	0.344	0.918	1.11

Table 37. Summary of soil chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 079	4	0	NA	1.16	2.16	0.0649	0.0028	4.4	0.00333	0.00385	0.00543	0.117	1.27	3.15	3.77
PCB 080	4	100	<0.0013 to <2.1	0.269	0.521	0.0119	<0.0013	<2.1	0.000748	0.000845	0.00114	0.0119	0.279	0.742	0.896
PCB 081	4	75	<0.0017 to <3.5	0.516	0.836	0.0295	<0.0017	<3.5	0.00097	0.00109	0.00145	0.156	0.67	1.32	1.53
PCB 082	4	0	NA	9.92	18.1	0.587	0.018	37	0.0257	0.0333	0.0563	1.32	11.2	26.7	31.8
PCB 083	3	100	<0.0074 to <10	1.67	2.88	0.055	<0.0074	<10	0.00423	0.00476	0.00635	0.009	2.5	4	4.5
PCB 083 & 099	1	0	NA	67.9	NA	67.9	67.9	67.9	NA	NA	NA	NA	NA	NA	NA
PCB 084	4	0	NA	15.3	28.5	0.722	0.021	58	0.029	0.0369	0.0608	1.55	16.8	41.5	49.8
PCB 085 & 116 & 117	4	0	NA	24.4	35.3	1.98	0.071	75	0.0799	0.0887	0.115	11.2	35.5	59.2	67.1
PCB 086 & 087 & 097 & 108 & 119 & 125	3	0	NA	80.1	138	2.02	0.11	240	0.13	0.15	0.21	0.31	120	192	216
PCB 086 & 087 & 097 & 109 & 119 & 125	1	0	NA	40.7	NA	40.7	40.7	40.7	NA	NA	NA	NA	NA	NA	NA
PCB 088 & 091	4	0	NA	14.3	22.9	0.839	0.019	48	0.0252	0.0313	0.0498	4.55	18.8	36.3	42.2
PCB 089	4	75	<0.0059 to <8.8	1.13	2.18	0.0562	<0.0059	<8.8	0.00356	0.00417	0.00599	0.0585	1.18	3.11	3.76
PCB 090 & 101 & 113	4	0	NA	138	208	7.9	0.17	440	0.214	0.257	0.388	56.7	195	342	391
PCB 092	4	0	NA	29.4	41.5	1.63	0.036	88	0.042	0.048	0.066	14.7	44	70.4	79.2
PCB 093 & 098 & 100 & 102	1	0	NA	1.75	NA	1.75	1.75	1.75	NA	NA	NA	NA	NA	NA	NA
PCB 093 & 100	3	100	<0.0053 to <7.9	1.32	2.28	0.0408	<0.0053	<7.9	0.00304	0.00342	0.00458	0.0065	1.98	3.16	3.56
PCB 094	4	75	<0.0056 to <8.3	1.1	2.03	0.0676	<0.0056	<8.3	0.00343	0.00406	0.00595	0.132	1.23	2.98	3.57
PCB 095	4	0	NA	75.3	131	3.58	0.082	270	0.106	0.129	0.201	15.6	90.7	198	234
PCB 096	4	0	NA	0.407	0.731	0.0246	0.00054	1.5	0.000999	0.00146	0.00284	0.0643	0.469	1.09	1.29
PCB 098 & 102	3	33.3	<0.0049	2.71	4.67	0.0696	<0.0049	8.1	0.00391	0.00536	0.00973	0.017	4.06	6.48	7.29
PCB 099	3	0	NA	70.2	121	2.34	0.17	210	0.189	0.208	0.265	0.36	105	168	189
PCB 103	4	75	<0.0048 to <7.4	1.25	1.74	0.0914	<0.0048	<7.4	0.00294	0.00348	0.0051	0.658	1.91	2.98	3.34
PCB 104	4	50	<0.00023 to <0.00024	0.0313	0.0363	0.0027	<0.00023	0.068	0.000116	0.000117	0.000119	0.0286	0.0598	0.0647	0.0664
PCB 105	4	0	NA	72.2	104	5.8	0.18	220	0.216	0.252	0.36	34.2	106	174	197
PCB 106	4	100	<0.0047 to <6.5	0.821	1.62	0.0319	<0.0047	<6.5	0.00282	0.0033	0.00471	0.015	0.831	2.28	2.77
PCB 107	1	0	NA	11.2	NA	11.2	11.2	11.2	NA	NA	NA	NA	NA	NA	NA
PCB 107 & 124	3	0	NA	4.01	6.92	0.157	0.014	12	0.0149	0.0158	0.0185	0.023	6.01	9.6	10.8
PCB 108 & 124	1	0	NA	4.16	NA	4.16	4.16	4.16	NA	NA	NA	NA	NA	NA	NA
PCB 109	3	0	NA	9.71	16.7	0.475	0.042	29	0.0466	0.0512	0.065	0.088	14.5	23.2	26.1
PCB 110 & 115	4	0	NA	159	241	9.33	0.2	510	0.26	0.32	0.5	62.3	221	394	452
PCB 111	4	75	<0.0038 to <5.5	0.761	1.33	0.0514	<0.0038	<5.5	0.00231	0.00273	0.00396	0.146	0.903	2.01	2.38
PCB 112	4	100	<0.0037 to <5.7	0.717	1.42	0.0221	<0.0037	<5.7	0.00225	0.00265	0.00384	0.00725	0.72	2	2.42
PCB 114	4	50	<0.0047 to <7.6	1.35	1.79	0.125	<0.0047	<7.6	0.00455	0.00675	0.0133	0.804	2.14	3.14	3.47

Table 37. Summary of soil chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 118	4	0	NA	140	193	11.8	0.35	410	0.433	0.515	0.763	75	214	332	371
PCB 120	4	50	<0.0099 to <5.8	0.922	1.37	0.0893	0.0057	<5.8	0.00506	0.00518	0.00551	0.391	1.31	2.26	2.58
PCB 121	4	75	<0.0038 to <5.6	0.752	1.37	0.0472	<0.0038	<5.6	0.00231	0.00273	0.00396	0.103	0.851	2.02	2.41
PCB 122	4	0	NA	2.24	3.74	0.161	0.0058	7.8	0.00688	0.00796	0.0112	0.577	2.81	5.8	6.8
PCB 123	4	0	NA	2.52	3.48	0.25	0.01	7.4	0.0115	0.013	0.0175	1.34	3.85	5.98	6.69
PCB 126	4	25	<12	1.6	2.94	0.147	0.01	<12	0.0115	0.013	0.0175	0.204	1.79	4.32	5.16
PCB 127	4	75	<0.0047 to <6.4	0.822	1.59	0.0425	<0.0047	<6.4	0.00282	0.0033	0.00471	0.0423	0.859	2.26	2.73
PCB 128 & 166	4	0	NA	30.8	42.4	3.13	0.13	90	0.148	0.166	0.22	16.6	47.3	72.9	81.5
PCB 129 & 138 & 163	4	0	NA	264	338	25.9	0.97	710	1.11	1.25	1.67	173	436	600	655
PCB 130	4	0	NA	12.6	17	1.11	0.043	36	0.0468	0.0505	0.0618	7.18	19.7	29.5	32.7
PCB 131	4	75	<0.0043 to <5	0.772	1.18	0.0628	<0.0043	<5	0.00258	0.00301	0.00429	0.293	1.06	1.92	2.21
PCB 132	4	0	NA	54.1	80.3	2.87	0.058	170	0.0718	0.0856	0.127	23.1	77.1	133	151
PCB 133	4	0	NA	4.26	4.97	0.464	0.021	9.6	0.0225	0.024	0.0285	3.71	7.94	8.94	9.27
PCB 134 & 143	4	0	NA	7	10.9	0.387	0.0082	23	0.0106	0.0129	0.0201	2.49	9.46	17.6	20.3
PCB 135 & 151	4	0	NA	88.1	118	4.98	0.11	250	0.127	0.143	0.193	51.1	139	206	228
PCB 136	4	0	NA	17.3	28.2	0.834	0.018	59	0.0221	0.0261	0.0383	5.07	22.3	44.3	51.7
PCB 137	4	0	NA	5.13	8.08	0.448	0.018	17	0.021	0.024	0.033	1.75	6.85	12.9	15
PCB 139 & 140	4	0	NA	2.2	3.06	0.184	0.0059	6.5	0.00697	0.00803	0.0112	1.15	3.34	5.23	5.87
PCB 141	4	0	NA	31.1	45.8	1.82	0.042	97	0.0507	0.0594	0.0855	13.7	44.7	76.1	86.5
PCB 142	4	100	<0.004 to <4.5	0.58	1.11	0.0342	<0.004	<4.5	0.00241	0.00281	0.00403	0.0349	0.611	1.59	1.92
PCB 144	4	0	NA	5.48	9.11	0.317	0.008	19	0.0103	0.0125	0.0193	1.46	6.92	14.2	16.6
PCB 145	4	100	<0.0025 to <3.1	0.391	0.773	0.0155	<0.0025	<3.1	0.00151	0.00178	0.00256	0.0065	0.395	1.09	1.32
PCB 146	4	0	NA	36.1	44.8	3.91	0.17	93	0.188	0.206	0.26	25.5	61.4	80.3	86.7
PCB 147 & 149	4	0	NA	195	264	10.5	0.21	560	0.251	0.291	0.413	109	304	457	509
PCB 148	4	75	<0.0035 to <4.2	0.754	0.994	0.0613	<0.0035	<4.2	0.00212	0.00249	0.00359	0.458	1.21	1.74	1.92
PCB 150	4	75	<0.0024 to <2.9	0.408	0.7	0.0304	<0.0024	<2.9	0.00144	0.00168	0.0024	0.0894	0.495	1.07	1.26
PCB 152	4	75	<0.0024 to <3.1	0.417	0.757	0.0279	<0.0024	<3.1	0.00146	0.00171	0.00248	0.058	0.472	1.12	1.33
PCB 153 & 168	4	0	NA	212	268	21.4	0.87	560	0.965	1.06	1.34	144	355	478	519
PCB 154	4	0	NA	3.1	4.07	0.233	0.007	8.6	0.0079	0.0088	0.0115	1.9	4.99	7.15	7.88
PCB 155	4	75	<0.0027 to <2.1	0.273	0.519	0.0206	<0.0027	<2.1	0.0017	0.00204	0.00308	0.0193	0.289	0.746	0.898
PCB 156 & 157	4	0	NA	24.6	34.3	2.38	0.08	73	0.101	0.122	0.185	12.7	37.1	58.6	65.8
PCB 158	4	0	NA	14.1	20.2	1.39	0.056	43	0.0656	0.0752	0.104	6.61	20.6	34	38.5
PCB 159	4	75	<0.0013 to <0.87	0.867	1.46	0.0315	<0.0013	3.03	0.000725	0.0008	0.00103	0.218	1.08	2.25	2.64
PCB 160	4	100	<0.0031 to <3.6	0.464	0.891	0.0268	<0.0031	<3.6	0.00187	0.0022	0.00316	0.0269	0.488	1.28	1.54
PCB 161	4	100	<0.0027 to <3.2	0.413	0.792	0.0239	<0.0027	<3.2	0.00164	0.00192	0.00278	0.0249	0.435	1.13	1.37
PCB 162	4	0	NA	0.534	0.802	0.0664	0.0042	1.7	0.00453	0.00486	0.00585	0.216	0.745	1.32	1.51
PCB 164	4	0	NA	14.7	19.4	1.17	0.037	41	0.042	0.0469	0.0618	8.84	23.5	34	37.5

Table 37. Summary of soil chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 165	4	75	<0.0031 to <3.8	0.811	0.961	0.062	<0.0031	<3.8	0.00188	0.00221	0.0032	0.672	1.48	1.73	1.82
PCB 167	4	0	NA	7.69	10.4	0.841	0.037	22	0.0421	0.0472	0.0625	4.37	12	18	20
PCB 169	4	75	<0.0015 to <1.4	0.299	0.354	0.0241	<0.0015	<1.4	0.000833	0.000915	0.00116	0.247	0.544	0.638	0.669
PCB 170	4	0	NA	43.3	56.7	5.6	0.24	120	0.302	0.363	0.548	26.5	69.3	99.7	110
PCB 171 & 173	4	0	NA	12.7	17.4	1.45	0.058	37	0.0718	0.0856	0.127	6.93	19.5	30	33.5
PCB 172	4	0	NA	7.67	9.58	1.08	0.059	20	0.0667	0.0743	0.0973	5.31	12.9	17.2	18.6
PCB 174	4	0	NA	72.8	94.9	6.08	0.18	200	0.216	0.252	0.36	45.5	118	167	184
PCB 175	4	0	NA	1.34	2.03	0.153	0.0078	4.3	0.00903	0.0103	0.014	0.518	1.84	3.32	3.81
PCB 176	4	0	NA	4.35	6.62	0.355	0.011	14	0.014	0.017	0.026	1.69	6.01	10.8	12.4
PCB 177	4	0	NA	46.9	58	4.76	0.16	120	0.196	0.232	0.34	33.7	80.2	104	112
PCB 178	4	0	NA	21	24.8	2.47	0.11	49	0.124	0.137	0.178	17.4	38.2	44.7	46.8
PCB 179	4	0	NA	35.3	46	2.8	0.08	97	0.095	0.11	0.155	22	57.2	81.1	89
PCB 180 & 193	4	0	NA	99.9	128	11.2	0.41	270	0.514	0.617	0.928	64.6	164	227	249
PCB 181	4	50	<0.00078 to <0.38	0.196	0.276	0.0208	<0.00078	0.588	0.000977	0.00156	0.00332	0.0972	0.29	0.469	0.528
PCB 182	4	0	NA	0.393	0.617	0.0518	0.0038	1.3	0.00407	0.00434	0.00515	0.133	0.521	0.988	1.14
PCB 183	4	0	NA	18.6	26.3	2.2	0.098	56	0.119	0.141	0.205	9.07	27.4	44.6	50.3
PCB 184	4	75	<0.00072 to <0.22	0.0296	0.0537	0.00358	0.00055	<0.22	0.000389	0.000417	0.000503	0.00403	0.0331	0.0793	0.0946
PCB 185	4	0	NA	7.64	10.4	0.627	0.015	22	0.021	0.027	0.045	4.28	11.9	18	20
PCB 186	4	100	<0.00049 to <0.22	0.0298	0.0536	0.00297	<0.00049	<0.22	0.000259	0.000274	0.000316	0.00442	0.0339	0.0796	0.0948
PCB 187	4	0	NA	113	137	13.6	0.6	280	0.69	0.78	1.05	86.1	198	247	264
PCB 188	4	25	<0.21	0.0671	0.0788	0.0148	0.0016	<0.21	0.00163	0.00166	0.00175	0.0534	0.119	0.144	0.152
PCB 189	4	0	NA	2.09	2.74	0.262	0.012	5.8	0.0143	0.0165	0.0233	1.27	3.33	4.81	5.31
PCB 190	4	0	NA	13.9	16.1	1.65	0.062	31	0.0767	0.0914	0.136	12.2	25.9	29	30
PCB 191	4	0	NA	1.24	1.84	0.14	0.0061	3.9	0.00759	0.00907	0.0135	0.518	1.74	3.04	3.47
PCB 192	4	100	<0.00072 to <0.33	0.0475	0.0791	0.00581	<0.00072	<0.33	0.000426	0.000492	0.00069	0.0124	0.0593	0.123	0.144
PCB 194	4	0	NA	29.7	38.4	3.89	0.19	81	0.222	0.253	0.348	18.8	48.2	67.9	74.4
PCB 195	4	0	NA	15.7	19.4	1.57	0.052	40	0.0637	0.0754	0.111	11.4	27	34.8	37.4
PCB 196	4	0	NA	10.7	15	1.63	0.12	32	0.129	0.138	0.165	5.24	15.7	25.5	28.7
PCB 197	4	0	NA	0.495	0.755	0.0868	0.0082	1.6	0.00877	0.00934	0.0111	0.186	0.67	1.23	1.41
PCB 198 & 199	4	0	NA	63.4	77.3	10.8	0.93	160	0.941	0.951	0.983	46.4	109	140	150
PCB 200	4	0	NA	7.23	9.47	0.729	0.029	20	0.0329	0.0368	0.0485	4.45	11.6	16.7	18.3
PCB 201	4	0	NA	3.9	5.64	0.601	0.049	12	0.0513	0.0535	0.0603	1.77	5.6	9.44	10.7
PCB 202	4	0	NA	19.5	22.7	3.54	0.3	45	0.309	0.318	0.345	16.4	35.6	41.2	43.1
PCB 203	4	0	NA	39.4	48.3	5.67	0.35	100	0.376	0.401	0.478	28.6	67.5	87	93.5
PCB 204	4	100	<0.0015 to <0.26	0.0356	0.0631	0.00598	<0.0015	<0.26	0.000825	0.0009	0.00113	0.00588	0.0404	0.0942	0.112
PCB 205	4	0	NA	2.3	2.85	0.287	0.014	5.9	0.0157	0.0173	0.0223	1.65	3.93	5.11	5.51
PCB 206	4	0	NA	49.5	61	13.7	1.8	130	1.89	1.98	2.25	33	80.2	110	120

Table 37. Summary of soil chemistry data collected in Reach CC07 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 207	4	0	NA	3.3	4.23	0.952	0.14	9.1	0.145	0.149	0.163	1.98	5.12	7.51	8.3
PCB 208	4	0	NA	18	21.3	5.52	0.75	45	0.803	0.855	1.01	13.1	30	39	42
PCB 209	4	0	NA	33.8	37.1	12.8	2.2	76	2.32	2.44	2.8	28.5	59.5	69.4	72.7
Total PCBs - Homologs	4	0	NA	2740	3710	328	18.9	7890	19.9	20.9	23.9	1520	4240	6430	7160
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	4	75	<0.000102 to <0.000188	0.000121	0.000113	0.0000917	<0.000102	0.000287	0.0000511	0.0000512	0.0000514	0.0000728	0.000142	0.000229	0.000258
Total TCDD	4	25	<0.000188	0.00125	0.00164	0.000494	0.000153	0.00359	0.000103	0.000112	0.000138	0.000652	0.00176	0.00286	0.00322
1,2,3,7,8-PeCDD	4	0	NA	0.00033	0.000236	0.000277	0.000151	0.000669	0.000156	0.000162	0.000178	0.00025	0.000402	0.000562	0.000616
Total PeCDD	4	0	NA	0.00365	0.00345	0.00244	0.000653	0.00842	0.000806	0.000958	0.00142	0.00277	0.00501	0.00706	0.00774
1,2,3,4,7,8-HxCDD	4	0	NA	0.000937	0.000642	0.000796	0.000411	0.00185	0.000437	0.000463	0.000542	0.000743	0.00114	0.00157	0.00171
1,2,3,6,7,8-HxCDD	4	0	NA	0.00314	0.00325	0.00208	0.000651	0.00785	0.000759	0.000867	0.00119	0.00203	0.00398	0.0063	0.00708
1,2,3,7,8,9-HxCDD	4	0	NA	0.00263	0.00161	0.00228	0.00114	0.00484	0.00124	0.00134	0.00164	0.00227	0.00327	0.00421	0.00453
Total HxCDD	4	0	NA	0.0289	0.0207	0.0241	0.011	0.0585	0.0123	0.0136	0.0176	0.0231	0.0344	0.0488	0.0537
1,2,3,4,6,7,8-HpCDD	4	0	NA	0.0973	0.0631	0.083	0.0369	0.186	0.0431	0.0493	0.068	0.0832	0.113	0.157	0.171
Total HpCDD	4	0	NA	0.204	0.121	0.179	0.0898	0.372	0.0988	0.108	0.135	0.178	0.247	0.322	0.347
Total OCDD	4	0	NA	1.84	0.685	1.74	1.2	2.7	1.23	1.25	1.34	1.72	2.22	2.51	2.6
2,3,7,8-TCDF	4	0	NA	0.0114	0.0145	0.00287	0.000385	0.031	0.000389	0.000393	0.000406	0.00706	0.018	0.0258	0.0284
Total TCDF	4	0	NA	0.0586	0.079	0.0122	0.00139	0.169	0.00141	0.00142	0.00147	0.032	0.0891	0.137	0.153
1,2,3,7,8-PeCDF	4	25	<0.000134	0.0059	0.00772	0.00121	<0.000134	0.0165	0.0001	0.000134	0.000234	0.00352	0.00919	0.0136	0.015
2,3,4,7,8-PeCDF	4	0	NA	0.00998	0.0133	0.00188	0.000162	0.0284	0.000174	0.000186	0.000223	0.00567	0.0154	0.0232	0.0258
Total PeCDF	4	0	NA	0.0833	0.117	0.0148	0.00103	0.249	0.00122	0.00142	0.002	0.0417	0.123	0.199	0.224
1,2,3,4,7,8-HxCDF	4	0	NA	0.0242	0.0316	0.00486	0.000383	0.0673	0.000441	0.000499	0.000672	0.0145	0.038	0.0556	0.0614
1,2,3,6,7,8-HxCDF	4	0	NA	0.00499	0.00624	0.00146	0.000168	0.0134	0.000193	0.000217	0.000291	0.00319	0.00788	0.0112	0.0123
1,2,3,7,8,9-HxCDF	4	50	<0.000106 to <0.000129	0.000478	0.000595	0.000215	<0.000106	0.00132	0.0000547	0.0000565	0.0000616	0.00027	0.000687	0.00107	0.00119
2,3,4,6,7,8-HxCDF	4	0	NA	0.00277	0.00355	0.000878	0.000109	0.00769	0.000127	0.000146	0.000201	0.00165	0.00422	0.0063	0.007
Total HxCDF	4	0	NA	0.0697	0.0908	0.02	0.00217	0.196	0.00259	0.00301	0.00426	0.0404	0.106	0.16	0.178
1,2,3,4,6,7,8-HpCDF	4	0	NA	0.029	0.0355	0.0111	0.00196	0.0774	0.00211	0.00227	0.00273	0.0184	0.0447	0.0643	0.0709
1,2,3,4,7,8,9-HpCDF	4	0	NA	0.0058	0.00791	0.00145	0.000182	0.017	0.000192	0.000202	0.000233	0.00301	0.00857	0.0136	0.0153
Total HpCDF	4	0	NA	0.0696	0.0878	0.0245	0.00383	0.191	0.00422	0.00461	0.00579	0.0418	0.106	0.157	0.174
Total OCDF	4	0	NA	0.0496	0.062	0.0146	0.00233	0.133	0.00234	0.00235	0.00239	0.0316	0.0789	0.111	0.122

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 38. Summary of soil chemistry data collected in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	3	0	NA	8.97	2.7	8.68	6.2	11.6	6.49	6.78	7.65	9.1	10.4	11.1	11.4
Silt (%)	3	0	NA	59.2	8.8	58.8	50.4	68	51.3	52.2	54.9	59.3	63.7	66.3	67.1
Fines (silt+clay; %)	3	0	NA	68.2	6.1	68	62	74.2	62.6	63.3	65.2	68.4	71.3	73	73.6
Gravel (%)	3	0	NA	0	0	NA	0	0	0	0	0	0	0	0	0
Sand (%)	3	0	NA	31.8	6.1	31.4	25.8	38	26.4	27	28.7	31.6	34.8	36.7	37.4
Solids (%)	3	0	NA	75.1	4.41	75	70.1	78.3	70.8	71.5	73.6	77	77.7	78	78.2
Phosphorus (mg/kg)	3	0	NA	659	54.9	658	611	719	615	618	630	648	684	705	712
Total Organic Carbon (%)	3	0	NA	2.27	1.01	2.1	1.2	3.2	1.32	1.44	1.8	2.4	2.8	3.04	3.12
Metals (mg/kg DW)															
Aluminum	3	0	NA	9480	1060	9440	8770	10700	8790	8810	8870	8970	9840	10400	10500
Antimony	3	100	<0.1	0.05	0	0.05	<0.1	<0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Arsenic	3	0	NA	3.69	0.174	3.69	3.56	3.89	3.57	3.57	3.6	3.63	3.76	3.84	3.86
Barium	3	0	NA	118	11.7	117	105	128	107	108	113	120	124	126	127
Beryllium	3	0	NA	0.754	0.0372	0.753	0.732	0.797	0.732	0.732	0.733	0.733	0.765	0.784	0.791
Cadmium	3	0	NA	0.894	0.379	0.847	0.642	1.33	0.649	0.656	0.677	0.711	1.02	1.21	1.27
Calcium	3	0	NA	2240	569	2180	1610	2720	1690	1760	2000	2380	2550	2650	2690
Chromium	3	0	NA	19.4	4.28	19.1	16.7	24.3	16.7	16.8	16.9	17.1	20.7	22.9	23.6
Cobalt	3	0	NA	11.1	0.95	11	10.1	12	10.2	10.3	10.6	11.1	11.6	11.8	11.9
Copper	3	0	NA	23.5	2.2	23.4	22.1	26	22.1	22.1	22.2	22.3	24.2	25.3	25.6
Iron	3	0	NA	17400	1350	17400	16300	18900	16400	16400	16700	17000	18000	18500	18700
Lead	3	0	NA	29.5	7.19	28.9	24.4	37.7	24.6	24.8	25.4	26.3	32	35.4	36.6
Magnesium	3	0	NA	1260	141	1250	1130	1410	1140	1150	1190	1240	1330	1380	1390
Manganese	3	0	NA	884	112	879	759	974	775	791	839	918	946	963	968
Molybdenum	3	0	NA	0.365	0.0297	0.364	0.337	0.396	0.339	0.342	0.349	0.361	0.379	0.389	0.393
Nickel	3	0	NA	10.8	0.721	10.8	10.2	11.6	10.2	10.3	10.4	10.6	11.1	11.4	11.5
Potassium	3	0	NA	678	96.2	674	601	786	606	610	625	648	717	758	772
Selenium	3	0	NA	0.611	0.0691	0.608	0.532	0.66	0.543	0.554	0.587	0.641	0.651	0.656	0.658
Silver	3	0	NA	0.61	0.572	0.462	0.255	1.27	0.26	0.265	0.28	0.304	0.787	1.08	1.17
Sodium	3	0	NA	24.1	3.02	24	21.3	27.3	21.5	21.8	22.5	23.7	25.5	26.6	26.9
Thallium	3	0	NA	0.16	0.00569	0.16	0.155	0.166	0.155	0.156	0.157	0.158	0.162	0.164	0.165
Vanadium	3	0	NA	14.8	1.27	14.8	13.7	16.2	13.8	13.9	14.2	14.6	15.4	15.9	16
Zinc	3	0	NA	107	11.2	107	98.4	120	99	99.5	101	104	112	117	118

Table 38. Summary of soil chemistry data collected in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	3	100	<2.58 to <2.91	1.36	0.0853	1.36	<2.58	<2.91	1.29	1.3	1.31	1.34	1.4	1.43	1.44
Aroclor 1221	3	100	<2.69 to <3.04	1.42	0.0901	1.42	<2.69	<3.04	1.35	1.36	1.37	1.4	1.46	1.5	1.51
Aroclor 1232	3	100	<2.69 to <3.04	1.42	0.0901	1.42	<2.69	<3.04	1.35	1.36	1.37	1.4	1.46	1.5	1.51
Aroclor 1242	3	100	<2.69 to <3.04	1.42	0.0901	1.42	<2.69	<3.04	1.35	1.36	1.37	1.4	1.46	1.5	1.51
Aroclor 1248	3	0	NA	445	95.1	438	353	543	362	370	396	439	491	522	533
Aroclor 1254	3	0	NA	1040	503	968	728	1620	732	736	749	770	1200	1450	1540
Aroclor 1260	3	0	NA	1280	869	1110	648	2270	675	702	783	918	1590	2000	2130
Total PCBs - Aroclors	3	0	NA	2770	1450	2550	1820	4440	1840	1870	1940	2050	3250	3960	4200
PCB 001	1	0	NA	18.2	NA	18.2	18.2	18.2	NA	NA	NA	NA	NA	NA	NA
PCB 002	1	0	NA	1.21	NA	1.21	1.21	1.21	NA	NA	NA	NA	NA	NA	NA
PCB 003	1	0	NA	16.7	NA	16.7	16.7	16.7	NA	NA	NA	NA	NA	NA	NA
PCB 004	1	0	NA	12.9	NA	12.9	12.9	12.9	NA	NA	NA	NA	NA	NA	NA
PCB 005	1	100	<0.024	0.012	NA	0.012	<0.024	<0.024	NA	NA	NA	NA	NA	NA	NA
PCB 006	1	0	NA	4.11	NA	4.11	4.11	4.11	NA	NA	NA	NA	NA	NA	NA
PCB 007	1	0	NA	0.767	NA	0.767	0.767	0.767	NA	NA	NA	NA	NA	NA	NA
PCB 008	1	0	NA	15.1	NA	15.1	15.1	15.1	NA	NA	NA	NA	NA	NA	NA
PCB 009	1	0	NA	0.85	NA	0.85	0.85	0.85	NA	NA	NA	NA	NA	NA	NA
PCB 010	1	0	NA	0.359	NA	0.359	0.359	0.359	NA	NA	NA	NA	NA	NA	NA
PCB 011	1	0	NA	0.532	NA	0.532	0.532	0.532	NA	NA	NA	NA	NA	NA	NA
PCB 012 & 013	1	0	NA	3.35	NA	3.35	3.35	3.35	NA	NA	NA	NA	NA	NA	NA
PCB 014	1	100	<0.022	0.011	NA	0.011	<0.022	<0.022	NA	NA	NA	NA	NA	NA	NA
PCB 015	1	0	NA	40.8	NA	40.8	40.8	40.8	NA	NA	NA	NA	NA	NA	NA
PCB 016	1	0	NA	2.12	NA	2.12	2.12	2.12	NA	NA	NA	NA	NA	NA	NA
PCB 017	1	0	NA	4.71	NA	4.71	4.71	4.71	NA	NA	NA	NA	NA	NA	NA
PCB 018 & 030	1	0	NA	5.5	NA	5.5	5.5	5.5	NA	NA	NA	NA	NA	NA	NA
PCB 019	1	0	NA	2.31	NA	2.31	2.31	2.31	NA	NA	NA	NA	NA	NA	NA
PCB 020 & 028	1	0	NA	24.6	NA	24.6	24.6	24.6	NA	NA	NA	NA	NA	NA	NA
PCB 021 & 033	1	0	NA	4.32	NA	4.32	4.32	4.32	NA	NA	NA	NA	NA	NA	NA
PCB 022	1	0	NA	4.46	NA	4.46	4.46	4.46	NA	NA	NA	NA	NA	NA	NA
PCB 023	1	100	<0.016	0.008	NA	0.008	<0.016	<0.016	NA	NA	NA	NA	NA	NA	NA
PCB 024	1	100	<0.017	0.0085	NA	0.0085	<0.017	<0.017	NA	NA	NA	NA	NA	NA	NA
PCB 025	1	0	NA	5.12	NA	5.12	5.12	5.12	NA	NA	NA	NA	NA	NA	NA

Table 38. Summary of soil chemistry data collected in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 026 & 029	1	0	NA	10.8	NA	10.8	10.8	10.8	NA	NA	NA	NA	NA	NA	NA
PCB 027	1	0	NA	1.12	NA	1.12	1.12	1.12	NA	NA	NA	NA	NA	NA	NA
PCB 031	1	0	NA	30.7	NA	30.7	30.7	30.7	NA	NA	NA	NA	NA	NA	NA
PCB 032	1	0	NA	3.26	NA	3.26	3.26	3.26	NA	NA	NA	NA	NA	NA	NA
PCB 034	1	0	NA	0.099	NA	0.099	0.099	0.099	NA	NA	NA	NA	NA	NA	NA
PCB 035	1	0	NA	0.435	NA	0.435	0.435	0.435	NA	NA	NA	NA	NA	NA	NA
PCB 036	1	100	<0.014	0.007	NA	0.007	<0.014	<0.014	NA	NA	NA	NA	NA	NA	NA
PCB 037	1	0	NA	19.7	NA	19.7	19.7	19.7	NA	NA	NA	NA	NA	NA	NA
PCB 038	1	100	<0.016	0.008	NA	0.008	<0.016	<0.016	NA	NA	NA	NA	NA	NA	NA
PCB 039	1	0	NA	0.222	NA	0.222	0.222	0.222	NA	NA	NA	NA	NA	NA	NA
PCB 040 & 041 & 071	1	0	NA	4.34	NA	4.34	4.34	4.34	NA	NA	NA	NA	NA	NA	NA
PCB 042	1	0	NA	3.25	NA	3.25	3.25	3.25	NA	NA	NA	NA	NA	NA	NA
PCB 043	1	100	<0.03	0.015	NA	0.015	<0.03	<0.03	NA	NA	NA	NA	NA	NA	NA
PCB 044 & 047 & 065	1	0	NA	13.4	NA	13.4	13.4	13.4	NA	NA	NA	NA	NA	NA	NA
PCB 045 & 051	1	0	NA	1.66	NA	1.66	1.66	1.66	NA	NA	NA	NA	NA	NA	NA
PCB 046	1	0	NA	0.337	NA	0.337	0.337	0.337	NA	NA	NA	NA	NA	NA	NA
PCB 048	1	0	NA	1.03	NA	1.03	1.03	1.03	NA	NA	NA	NA	NA	NA	NA
PCB 049 & 069	1	0	NA	38.3	NA	38.3	38.3	38.3	NA	NA	NA	NA	NA	NA	NA
PCB 050 & 053	1	0	NA	1.88	NA	1.88	1.88	1.88	NA	NA	NA	NA	NA	NA	NA
PCB 052	1	0	NA	62.7	NA	62.7	62.7	62.7	NA	NA	NA	NA	NA	NA	NA
PCB 054	1	0	NA	0.216	NA	0.216	0.216	0.216	NA	NA	NA	NA	NA	NA	NA
PCB 055	1	100	<0.022	0.011	NA	0.011	<0.022	<0.022	NA	NA	NA	NA	NA	NA	NA
PCB 056	1	0	NA	14.5	NA	14.5	14.5	14.5	NA	NA	NA	NA	NA	NA	NA
PCB 057	1	0	NA	0.231	NA	0.231	0.231	0.231	NA	NA	NA	NA	NA	NA	NA
PCB 058	1	0	NA	0.187	NA	0.187	0.187	0.187	NA	NA	NA	NA	NA	NA	NA
PCB 059 & 062 & 075	1	0	NA	1.45	NA	1.45	1.45	1.45	NA	NA	NA	NA	NA	NA	NA
PCB 060	1	0	NA	12.3	NA	12.3	12.3	12.3	NA	NA	NA	NA	NA	NA	NA
PCB 061 & 070 & 074 & 076	1	0	NA	110	NA	110	110	110	NA	NA	NA	NA	NA	NA	NA
PCB 063	1	0	NA	3.06	NA	3.06	3.06	3.06	NA	NA	NA	NA	NA	NA	NA
PCB 064	1	0	NA	23.6	NA	23.6	23.6	23.6	NA	NA	NA	NA	NA	NA	NA
PCB 066	1	0	NA	69.9	NA	69.9	69.9	69.9	NA	NA	NA	NA	NA	NA	NA
PCB 067	1	0	NA	1.1	NA	1.1	1.1	1.1	NA	NA	NA	NA	NA	NA	NA
PCB 068	1	0	NA	2.35	NA	2.35	2.35	2.35	NA	NA	NA	NA	NA	NA	NA

Table 38. Summary of soil chemistry data collected in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 072	1	0	NA	3.19	NA	3.19	3.19	3.19	NA	NA	NA	NA	NA	NA	NA
PCB 073	1	0	NA	0.151	NA	0.151	0.151	0.151	NA	NA	NA	NA	NA	NA	NA
PCB 077	1	0	NA	14.5	NA	14.5	14.5	14.5	NA	NA	NA	NA	NA	NA	NA
PCB 078	1	100	<0.021	0.0105	NA	0.0105	<0.021	<0.021	NA	NA	NA	NA	NA	NA	NA
PCB 079	1	0	NA	0.31	NA	0.31	0.31	0.31	NA	NA	NA	NA	NA	NA	NA
PCB 080	1	100	<0.019	0.0095	NA	0.0095	<0.019	<0.019	NA	NA	NA	NA	NA	NA	NA
PCB 081	1	0	NA	0.409	NA	0.409	0.409	0.409	NA	NA	NA	NA	NA	NA	NA
PCB 082	1	0	NA	2.47	NA	2.47	2.47	2.47	NA	NA	NA	NA	NA	NA	NA
PCB 083 & 099	1	0	NA	66.8	NA	66.8	66.8	66.8	NA	NA	NA	NA	NA	NA	NA
PCB 084	1	0	NA	2.84	NA	2.84	2.84	2.84	NA	NA	NA	NA	NA	NA	NA
PCB 085 & 116 & 117	1	0	NA	29.1	NA	29.1	29.1	29.1	NA	NA	NA	NA	NA	NA	NA
PCB 086 & 087 & 097 & 109 & 119 & 125	1	0	NA	45.3	NA	45.3	45.3	45.3	NA	NA	NA	NA	NA	NA	NA
PCB 088 & 091	1	0	NA	9.85	NA	9.85	9.85	9.85	NA	NA	NA	NA	NA	NA	NA
PCB 089	1	0	NA	0.121	NA	0.121	0.121	0.121	NA	NA	NA	NA	NA	NA	NA
PCB 090 & 101 & 113	1	0	NA	119	NA	119	119	119	NA	NA	NA	NA	NA	NA	NA
PCB 092	1	0	NA	33	NA	33	33	33	NA	NA	NA	NA	NA	NA	NA
PCB 093 & 098 & 100 & 102	1	0	NA	1.6	NA	1.6	1.6	1.6	NA	NA	NA	NA	NA	NA	NA
PCB 094	1	0	NA	0.216	NA	0.216	0.216	0.216	NA	NA	NA	NA	NA	NA	NA
PCB 095	1	0	NA	30	NA	30	30	30	NA	NA	NA	NA	NA	NA	NA
PCB 096	1	0	NA	0.129	NA	0.129	0.129	0.129	NA	NA	NA	NA	NA	NA	NA
PCB 103	1	0	NA	1.38	NA	1.38	1.38	1.38	NA	NA	NA	NA	NA	NA	NA
PCB 104	1	0	NA	0.052	NA	0.052	0.052	0.052	NA	NA	NA	NA	NA	NA	NA
PCB 105	1	0	NA	91.9	NA	91.9	91.9	91.9	NA	NA	NA	NA	NA	NA	NA
PCB 106	1	100	<0.059	0.0295	NA	0.0295	<0.059	<0.059	NA	NA	NA	NA	NA	NA	NA
PCB 107	1	0	NA	13.9	NA	13.9	13.9	13.9	NA	NA	NA	NA	NA	NA	NA
PCB 108 & 124	1	0	NA	6.1	NA	6.1	6.1	6.1	NA	NA	NA	NA	NA	NA	NA
PCB 110 & 115	1	0	NA	170	NA	170	170	170	NA	NA	NA	NA	NA	NA	NA
PCB 111	1	0	NA	0.342	NA	0.342	0.342	0.342	NA	NA	NA	NA	NA	NA	NA
PCB 112	1	100	<0.02	0.01	NA	0.01	<0.02	<0.02	NA	NA	NA	NA	NA	NA	NA
PCB 114	1	0	NA	2.32	NA	2.32	2.32	2.32	NA	NA	NA	NA	NA	NA	NA
PCB 118	1	0	NA	182	NA	182	182	182	NA	NA	NA	NA	NA	NA	NA
PCB 120	1	0	NA	0.831	NA	0.831	0.831	0.831	NA	NA	NA	NA	NA	NA	NA

Table 38. Summary of soil chemistry data collected in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 121	1	0	NA	0.245	NA	0.245	0.245	0.245	NA	NA	NA	NA	NA	NA	NA
PCB 122	1	0	NA	1.71	NA	1.71	1.71	1.71	NA	NA	NA	NA	NA	NA	NA
PCB 123	1	0	NA	4.86	NA	4.86	4.86	4.86	NA	NA	NA	NA	NA	NA	NA
PCB 126	1	0	NA	0.506	NA	0.506	0.506	0.506	NA	NA	NA	NA	NA	NA	NA
PCB 127	1	0	NA	0.12	NA	0.12	0.12	0.12	NA	NA	NA	NA	NA	NA	NA
PCB 128 & 166	1	0	NA	48.8	NA	48.8	48.8	48.8	NA	NA	NA	NA	NA	NA	NA
PCB 129 & 138 & 163	1	0	NA	443	NA	443	443	443	NA	NA	NA	NA	NA	NA	NA
PCB 130	1	0	NA	19.3	NA	19.3	19.3	19.3	NA	NA	NA	NA	NA	NA	NA
PCB 131	1	0	NA	0.64	NA	0.64	0.64	0.64	NA	NA	NA	NA	NA	NA	NA
PCB 132	1	0	NA	57.1	NA	57.1	57.1	57.1	NA	NA	NA	NA	NA	NA	NA
PCB 133	1	0	NA	9.76	NA	9.76	9.76	9.76	NA	NA	NA	NA	NA	NA	NA
PCB 134 & 143	1	0	NA	4.73	NA	4.73	4.73	4.73	NA	NA	NA	NA	NA	NA	NA
PCB 135 & 151	1	0	NA	122	NA	122	122	122	NA	NA	NA	NA	NA	NA	NA
PCB 136	1	0	NA	10.8	NA	10.8	10.8	10.8	NA	NA	NA	NA	NA	NA	NA
PCB 137	1	0	NA	6.6	NA	6.6	6.6	6.6	NA	NA	NA	NA	NA	NA	NA
PCB 139 & 140	1	0	NA	2.96	NA	2.96	2.96	2.96	NA	NA	NA	NA	NA	NA	NA
PCB 141	1	0	NA	36.5	NA	36.5	36.5	36.5	NA	NA	NA	NA	NA	NA	NA
PCB 142	1	100	<0.15	0.075	NA	0.075	<0.15	<0.15	NA	NA	NA	NA	NA	NA	NA
PCB 144	1	0	NA	3.64	NA	3.64	3.64	3.64	NA	NA	NA	NA	NA	NA	NA
PCB 145	1	100	<0.019	0.0095	NA	0.0095	<0.019	<0.019	NA	NA	NA	NA	NA	NA	NA
PCB 146	1	0	NA	60.8	NA	60.8	60.8	60.8	NA	NA	NA	NA	NA	NA	NA
PCB 147 & 149	1	0	NA	249	NA	249	249	249	NA	NA	NA	NA	NA	NA	NA
PCB 148	1	0	NA	1.32	NA	1.32	1.32	1.32	NA	NA	NA	NA	NA	NA	NA
PCB 150	1	0	NA	0.278	NA	0.278	0.278	0.278	NA	NA	NA	NA	NA	NA	NA
PCB 152	1	0	NA	0.172	NA	0.172	0.172	0.172	NA	NA	NA	NA	NA	NA	NA
PCB 153 & 168	1	0	NA	345	NA	345	345	345	NA	NA	NA	NA	NA	NA	NA
PCB 154	1	0	NA	4.33	NA	4.33	4.33	4.33	NA	NA	NA	NA	NA	NA	NA
PCB 155	1	0	NA	0.037	NA	0.037	0.037	0.037	NA	NA	NA	NA	NA	NA	NA
PCB 156 & 157	1	0	NA	34.6	NA	34.6	34.6	34.6	NA	NA	NA	NA	NA	NA	NA
PCB 158	1	0	NA	16.2	NA	16.2	16.2	16.2	NA	NA	NA	NA	NA	NA	NA
PCB 159	1	0	NA	3.64	NA	3.64	3.64	3.64	NA	NA	NA	NA	NA	NA	NA
PCB 160	1	100	<0.12	0.06	NA	0.06	<0.12	<0.12	NA	NA	NA	NA	NA	NA	NA
PCB 161	1	100	<0.11	0.055	NA	0.055	<0.11	<0.11	NA	NA	NA	NA	NA	NA	NA

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Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 162	1	0	NA	0.558	NA	0.558	0.558	0.558	NA	NA	NA	NA	NA	NA	NA
PCB 164	1	0	NA	23.9	NA	23.9	23.9	23.9	NA	NA	NA	NA	NA	NA	NA
PCB 165	1	0	NA	1.7	NA	1.7	1.7	1.7	NA	NA	NA	NA	NA	NA	NA
PCB 167	1	0	NA	10.9	NA	10.9	10.9	10.9	NA	NA	NA	NA	NA	NA	NA
PCB 169	1	0	NA	0.992	NA	0.992	0.992	0.992	NA	NA	NA	NA	NA	NA	NA
PCB 170	1	0	NA	61	NA	61	61	61	NA	NA	NA	NA	NA	NA	NA
PCB 171 & 173	1	0	NA	16.4	NA	16.4	16.4	16.4	NA	NA	NA	NA	NA	NA	NA
PCB 172	1	0	NA	12.4	NA	12.4	12.4	12.4	NA	NA	NA	NA	NA	NA	NA
PCB 174	1	0	NA	102	NA	102	102	102	NA	NA	NA	NA	NA	NA	NA
PCB 175	1	0	NA	1.17	NA	1.17	1.17	1.17	NA	NA	NA	NA	NA	NA	NA
PCB 176	1	0	NA	4.11	NA	4.11	4.11	4.11	NA	NA	NA	NA	NA	NA	NA
PCB 177	1	0	NA	80.8	NA	80.8	80.8	80.8	NA	NA	NA	NA	NA	NA	NA
PCB 178	1	0	NA	40.2	NA	40.2	40.2	40.2	NA	NA	NA	NA	NA	NA	NA
PCB 179	1	0	NA	53.4	NA	53.4	53.4	53.4	NA	NA	NA	NA	NA	NA	NA
PCB 180 & 193	1	0	NA	126	NA	126	126	126	NA	NA	NA	NA	NA	NA	NA
PCB 181	1	0	NA	0.752	NA	0.752	0.752	0.752	NA	NA	NA	NA	NA	NA	NA
PCB 182	1	0	NA	0.31	NA	0.31	0.31	0.31	NA	NA	NA	NA	NA	NA	NA
PCB 183	1	0	NA	19.2	NA	19.2	19.2	19.2	NA	NA	NA	NA	NA	NA	NA
PCB 184	1	100	<0.024	0.012	NA	0.012	<0.024	<0.024	NA	NA	NA	NA	NA	NA	NA
PCB 185	1	0	NA	13.6	NA	13.6	13.6	13.6	NA	NA	NA	NA	NA	NA	NA
PCB 186	1	100	<0.027	0.0135	NA	0.0135	<0.027	<0.027	NA	NA	NA	NA	NA	NA	NA
PCB 187	1	0	NA	186	NA	186	186	186	NA	NA	NA	NA	NA	NA	NA
PCB 188	1	0	NA	0.243	NA	0.243	0.243	0.243	NA	NA	NA	NA	NA	NA	NA
PCB 189	1	0	NA	3.39	NA	3.39	3.39	3.39	NA	NA	NA	NA	NA	NA	NA
PCB 190	1	0	NA	28	NA	28	28	28	NA	NA	NA	NA	NA	NA	NA
PCB 191	1	0	NA	1.08	NA	1.08	1.08	1.08	NA	NA	NA	NA	NA	NA	NA
PCB 192	1	100	<0.053	0.0265	NA	0.0265	<0.053	<0.053	NA	NA	NA	NA	NA	NA	NA
PCB 194	1	0	NA	41.2	NA	41.2	41.2	41.2	NA	NA	NA	NA	NA	NA	NA
PCB 195	1	0	NA	26.4	NA	26.4	26.4	26.4	NA	NA	NA	NA	NA	NA	NA
PCB 196	1	0	NA	11.2	NA	11.2	11.2	11.2	NA	NA	NA	NA	NA	NA	NA
PCB 197	1	0	NA	0.35	NA	0.35	0.35	0.35	NA	NA	NA	NA	NA	NA	NA
PCB 198 & 199	1	0	NA	105	NA	105	105	105	NA	NA	NA	NA	NA	NA	NA
PCB 200	1	0	NA	10.5	NA	10.5	10.5	10.5	NA	NA	NA	NA	NA	NA	NA

Table 38. Summary of soil chemistry data collected in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 201	1	0	NA	3.91	NA	3.91	3.91	3.91	NA	NA	NA	NA	NA	NA	NA
PCB 202	1	0	NA	34.5	NA	34.5	34.5	34.5	NA	NA	NA	NA	NA	NA	NA
PCB 203	1	0	NA	63.9	NA	63.9	63.9	63.9	NA	NA	NA	NA	NA	NA	NA
PCB 204	1	100	<0.032	0.016	NA	0.016	<0.032	<0.032	NA	NA	NA	NA	NA	NA	NA
PCB 205	1	0	NA	4.17	NA	4.17	4.17	4.17	NA	NA	NA	NA	NA	NA	NA
PCB 206	1	0	NA	92.6	NA	92.6	92.6	92.6	NA	NA	NA	NA	NA	NA	NA
PCB 207	1	0	NA	4.89	NA	4.89	4.89	4.89	NA	NA	NA	NA	NA	NA	NA
PCB 208	1	0	NA	38.2	NA	38.2	38.2	38.2	NA	NA	NA	NA	NA	NA	NA
PCB 209	1	0	NA	75.4	NA	75.4	75.4	75.4	NA	NA	NA	NA	NA	NA	NA
Total PCBs - Homologs	1	0	NA	3630	NA	3630	3630	3630	NA	NA	NA	NA	NA	NA	NA
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	1	100	<0.000163	0.0000815	NA	0.0000815	<0.000163	<0.000163	NA	NA	NA	NA	NA	NA	NA
Total TCDD	1	0	NA	0.00135	NA	0.00135	0.00135	0.00135	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	1	0	NA	0.00049	NA	0.00049	0.00049	0.00049	NA	NA	NA	NA	NA	NA	NA
Total PeCDD	1	0	NA	0.00659	NA	0.00659	0.00659	0.00659	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	1	0	NA	0.000998	NA	0.000998	0.000998	0.000998	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	1	0	NA	0.00434	NA	0.00434	0.00434	0.00434	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	1	0	NA	0.00313	NA	0.00313	0.00313	0.00313	NA	NA	NA	NA	NA	NA	NA
Total HxCDD	1	0	NA	0.034	NA	0.034	0.034	0.034	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	1	0	NA	0.128	NA	0.128	0.128	0.128	NA	NA	NA	NA	NA	NA	NA
Total HpCDD	1	0	NA	0.26	NA	0.26	0.26	0.26	NA	NA	NA	NA	NA	NA	NA
Total OCDD	1	0	NA	2.49	NA	2.49	2.49	2.49	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDF	1	0	NA	0.0226	NA	0.0226	0.0226	0.0226	NA	NA	NA	NA	NA	NA	NA
Total TCDF	1	0	NA	0.0797	NA	0.0797	0.0797	0.0797	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	1	0	NA	0.00943	NA	0.00943	0.00943	0.00943	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	1	0	NA	0.0168	NA	0.0168	0.0168	0.0168	NA	NA	NA	NA	NA	NA	NA
Total PeCDF	1	0	NA	0.137	NA	0.137	0.137	0.137	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	1	0	NA	0.0387	NA	0.0387	0.0387	0.0387	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	1	0	NA	0.00861	NA	0.00861	0.00861	0.00861	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	1	0	NA	0.000708	NA	0.000708	0.000708	0.000708	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	1	0	NA	0.00451	NA	0.00451	0.00451	0.00451	NA	NA	NA	NA	NA	NA	NA
Total HxCDF	1	0	NA	0.112	NA	0.112	0.112	0.112	NA	NA	NA	NA	NA	NA	NA

Table 38. Summary of soil chemistry data collected in Reach CC08 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW; cont.)															
1,2,3,4,6,7,8-HpCDF	1	0	NA	0.0522	NA	0.0522	0.0522	0.0522	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	1	0	NA	0.00823	NA	0.00823	0.00823	0.00823	NA	NA	NA	NA	NA	NA	NA
Total HpCDF	1	0	NA	0.117	NA	0.117	0.117	0.117	NA	NA	NA	NA	NA	NA	NA
Total OCDF	1	0	NA	0.0936	NA	0.0936	0.0936	0.0936	NA	NA	NA	NA	NA	NA	NA

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 39. Summary of soil chemistry data collected in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	3	0	NA	12.2	4.8	11.6	8.2	17.5	8.46	8.72	9.5	10.8	14.2	16.2	16.8
Silt (%)	3	0	NA	56.6	6.79	56.3	48.9	61.6	50	51	54.2	59.4	60.5	61.2	61.4
Fines (silt+clay; %)	3	0	NA	68.8	9.76	68.3	59.7	79.1	60.5	61.3	63.7	67.6	73.4	76.8	78
Gravel (%)	3	0	NA	1.37	1.95	NA	0	3.6	0.05	0.1	0.25	0.5	2.05	2.98	3.29
Sand (%)	3	0	NA	29.8	9.99	28.7	20.4	40.3	21.2	22.1	24.6	28.8	34.6	38	39.2
Solids (%)	3	0	NA	79.7	5.46	79.5	73.4	83.4	74.3	75.2	77.8	82.2	82.8	83.2	83.3
Phosphorus (mg/kg)	3	0	NA	446	214	412	254	676	269	285	331	407	542	622	649
Total Organic Carbon (%)	3	0	NA	1.7	0.794	1.59	1.1	2.6	1.13	1.16	1.25	1.4	2	2.36	2.48
Metals (mg/kg DW)															
Aluminum	3	0	NA	9720	1450	9640	8060	10700	8290	8530	9230	10400	10600	10600	10700
Antimony	3	100	<0.1 to <0.25	0.075	0.0433	0.0679	<0.1	<0.25	0.05	0.05	0.05	0.05	0.0875	0.11	0.118
Arsenic	3	0	NA	2.99	0.815	2.92	2.17	3.8	2.25	2.34	2.59	3.01	3.41	3.64	3.72
Barium	3	0	NA	91.4	24.5	89.3	72.1	119	73.2	74.3	77.6	83.1	101	112	115
Beryllium	3	0	NA	0.603	0.218	0.58	0.465	0.855	0.468	0.47	0.478	0.49	0.673	0.782	0.819
Cadmium	3	0	NA	0.444	0.307	0.344	0.113	0.72	0.152	0.19	0.306	0.499	0.61	0.676	0.698
Calcium	3	0	NA	1750	875	1620	1220	2760	1230	1230	1250	1270	2020	2460	2610
Chromium	3	0	NA	16.6	4.16	16.3	13.3	21.3	13.5	13.7	14.3	15.3	18.3	20.1	20.7
Cobalt	3	0	NA	11.3	4.24	10.7	6.6	14.8	7.2	7.8	9.6	12.6	13.7	14.4	14.6
Copper	3	0	NA	18.1	12.6	15.2	7.33	32	8.11	8.88	11.2	15.1	23.6	28.6	30.3
Iron	3	0	NA	17900	1700	17800	16200	19600	16400	16500	17100	17900	18800	19300	19400
Lead	3	0	NA	23.4	6.56	22.9	18.6	30.9	18.8	19	19.7	20.8	25.9	28.9	29.9
Magnesium	3	0	NA	1470	587	1380	830	1980	908	986	1220	1610	1800	1910	1940
Manganese	3	0	NA	716	156	703	536	820	562	587	664	791	806	814	817
Mercury	1	0	NA	0.514	NA	0.514	0.514	0.514	NA	NA	NA	NA	NA	NA	NA
Molybdenum	3	0	NA	0.301	0.0334	0.3	0.273	0.338	0.275	0.277	0.283	0.292	0.315	0.329	0.333
Nickel	3	0	NA	10.3	3.51	9.8	6.37	13.2	6.85	7.34	8.79	11.2	12.2	12.8	13
Potassium	3	0	NA	1280	227	1270	1030	1470	1060	1090	1190	1350	1410	1450	1460
Selenium	3	0	NA	0.472	0.116	0.462	0.367	0.596	0.376	0.384	0.41	0.452	0.524	0.567	0.582
Silver	3	0	NA	0.29	0.102	0.276	0.175	0.368	0.19	0.206	0.252	0.328	0.348	0.36	0.364
Sodium	3	0	NA	20	6.45	19.4	15	27.3	15.3	15.6	16.4	17.8	22.6	25.4	26.4
Thallium	3	33.3	<0.25	0.152	0.0248	0.15	0.156	<0.25	0.128	0.131	0.141	0.156	0.165	0.17	0.172

Table 39. Summary of soil chemistry data collected in Reach CC09 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Metals (mg/kg DW; cont.)															
Vanadium	3	0	NA	16.2	2.32	16.1	13.6	18	14	14.3	15.4	17.1	17.6	17.8	17.9
Zinc	3	0	NA	69.1	42.8	59.3	27.6	113	31.5	35.4	47.2	66.7	89.9	104	108
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	3	100	<1.21 to <2.79	1.08	0.417	1.01	<1.21	<2.79	0.668	0.73	0.918	1.23	1.31	1.36	1.38
Aroclor 1221	3	100	<1.21 to <2.91	1.12	0.45	1.04	<1.21	<2.91	0.673	0.741	0.945	1.29	1.37	1.42	1.44
Aroclor 1232	3	100	<1.21 to <2.91	1.12	0.45	1.04	<1.21	<2.91	0.673	0.741	0.945	1.29	1.37	1.42	1.44
Aroclor 1242	3	100	<1.21 to <2.91	1.12	0.45	1.04	<1.21	<2.91	0.673	0.741	0.945	1.29	1.37	1.42	1.44
Aroclor 1248	3	33.3	<2.57	188	219	41.9	<2.57	429	14.5	27.6	67.1	133	281	370	399
Aroclor 1254	3	0	NA	466	405	121	3.64	761	66.6	130	318	633	697	735	748
Aroclor 1260	3	0	NA	444	471	154	10.2	945	47	83.8	194	378	662	832	888
Total PCBs - Aroclors	3	0	NA	1100	1060	368	20.2	2140	133	246	585	1150	1650	1940	2040

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 40. Summary of soil chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	11	0	NA	16.1	7.49	14.4	5.1	30.3	6.3	7.5	12.2	14.9	18.4	27	28.7
Silt (%)	11	0	NA	53.5	19.4	49.4	18.9	73.6	23.3	27.6	38	62.8	68.1	71.8	72.7
Fines (silt+clay; %)	11	0	NA	69.6	24.4	64.5	24	97.6	33	42	50.9	75	88	94.9	96.3
Gravel (%)	11	0	NA	0.609	1.38	NA	0	3.9	0	0	0	0	0	2.8	3.35
Sand (%)	11	0	NA	29.8	24.4	19.8	2.4	76	3.75	5.1	12	22.7	47.8	58	67
Solids (%)	11	0	NA	89.4	11.3	88.7	71.2	99.5	72.7	74.1	78.6	94.5	98	99.3	99.4
Phosphorus (mg/kg)	11	0	NA	434	261	369	144	1030	145	145	286	366	528	703	867
Total Organic Carbon (%)	11	0	NA	2.09	0.929	1.8	0.36	3.1	0.57	0.78	1.5	2.7	2.75	2.8	2.95
Metals (mg/kg DW)															
Aluminum	11	0	NA	10400	3490	9670	3350	14400	4750	6150	8780	10600	13000	14100	14300
Antimony	11	90.9	<0.1 to <0.25	0.0723	0.0385	0.0651	<0.1	<0.25	0.05	0.05	0.05	0.05	0.0875	0.125	0.135
Arsenic	11	0	NA	6.55	5.83	4.76	1.01	21.4	1.45	1.89	3.59	3.97	8.98	10.5	16
Barium	11	0	NA	87.4	35.1	79.3	25.3	136	36.5	47.6	61.9	87.4	118	123	130
Beryllium	11	0	NA	0.573	0.255	0.514	0.245	0.941	0.249	0.253	0.326	0.626	0.767	0.869	0.905
Cadmium	11	36.4	<0.1 to <0.25	0.396	0.482	0.203	<0.1	1.21	0.05	0.05	0.121	0.125	0.642	1.11	1.16
Calcium	11	0	NA	971	643	780	248	2110	283	317	482	851	1310	1990	2050
Chromium	11	0	NA	18.9	12	16.2	6.4	49.9	8.2	10	10.6	17.4	22	26.3	38.1
Cobalt	11	0	NA	9.47	4.4	8.44	2.57	18.8	3.9	5.22	6.37	9.54	11.5	12.9	15.9
Copper	11	0	NA	13.7	8.27	11.4	4.08	29	4.5	4.91	6.77	13.8	18.5	23.5	26.3
Iron	11	0	NA	18000	8920	16000	4990	40000	6790	8590	14600	18100	19300	22800	31400
Lead	11	0	NA	23.2	9.36	20.9	6.05	34.8	9.78	13.5	15.8	23.7	31	32.8	33.8
Magnesium	11	0	NA	733	367	652	307	1210	328	348	506	554	1160	1200	1210
Manganese	11	0	NA	720	465	536	62.8	1500	127	191	385	774	996	1330	1420
Mercury	4	0	NA	0.121	0.0563	0.112	0.0668	0.187	0.0692	0.0717	0.079	0.116	0.159	0.176	0.181
Molybdenum	11	0	NA	0.514	0.29	0.447	0.183	1.19	0.191	0.199	0.363	0.409	0.645	0.778	0.984
Nickel	11	0	NA	8.8	3.58	7.93	2.71	12.5	3.78	4.84	5.05	10.7	11.4	11.9	12.2
Potassium	11	0	NA	514	270	463	276	1110	284	292	341	394	608	898	1000
Selenium	11	0	NA	0.524	0.209	0.474	0.164	0.815	0.196	0.228	0.393	0.593	0.663	0.738	0.777
Silver	11	54.5	<0.1 to <0.25	0.174	0.15	0.124	<0.1	0.432	0.05	0.05	0.05	0.125	0.24	0.429	0.431
Sodium	11	0	NA	25.1	12.6	22.6	12.9	52	13.6	14.3	15.6	20.3	32.2	38.7	45.4
Thallium	11	9.09	<0.1	0.217	0.0944	0.193	<0.1	0.353	0.079	0.108	0.18	0.201	0.29	0.337	0.345

Table 40. Summary of soil chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Metals (mg/kg DW; cont.)															
Vanadium	11	0	NA	22.2	12.8	19.2	5.84	51.3	8.52	11.2	16.3	18.3	24.9	38.2	44.8
Zinc	11	0	NA	56.9	37.5	45.5	15.2	114	15.3	15.3	29.7	49.3	87	108	111
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	11	100	<1.02 to <2.89	1.05	0.286	1.01	<1.02	<2.89	0.565	0.62	1.01	1.06	1.22	1.36	1.4
Aroclor 1221	11	100	<1.02 to <3.01	1.09	0.306	1.04	<1.02	<3.01	0.565	0.62	1.05	1.1	1.27	1.42	1.46
Aroclor 1232	11	100	<1.02 to <3.01	1.09	0.306	1.04	<1.02	<3.01	0.565	0.62	1.05	1.1	1.27	1.42	1.46
Aroclor 1242	11	100	<1.02 to <3.01	1.09	0.306	1.04	<1.02	<3.01	0.565	0.62	1.05	1.1	1.27	1.42	1.46
Aroclor 1248	11	9.09	<2.83	98.9	172	20.5	1.88	553	1.65	1.88	4.46	19.7	115	232	393
Aroclor 1254	11	9.09	<2.83	230	390	52.1	<2.83	1260	2.87	4.32	24.8	49.9	271	529	895
Aroclor 1260	11	9.09	<2.81	358	524	74.8	<2.81	1600	3.52	5.63	17.6	63.3	528	954	1280
Total PCBs - Aroclors	11	9.09	<19.7	692	1080	175	17	3420	13.4	17	48.6	140	966	1630	2530
PCB 001	1	0	NA	0.2	NA	0.2	0.2	0.2	NA	NA	NA	NA	NA	NA	NA
PCB 002	1	0	NA	0.023	NA	0.023	0.023	0.023	NA	NA	NA	NA	NA	NA	NA
PCB 003	1	0	NA	0.23	NA	0.23	0.23	0.23	NA	NA	NA	NA	NA	NA	NA
PCB 004	1	0	NA	0.13	NA	0.13	0.13	0.13	NA	NA	NA	NA	NA	NA	NA
PCB 005	1	100	<0.0063	0.00315	NA	0.00315	<0.0063	<0.0063	NA	NA	NA	NA	NA	NA	NA
PCB 006	1	0	NA	0.067	NA	0.067	0.067	0.067	NA	NA	NA	NA	NA	NA	NA
PCB 007	1	0	NA	0.012	NA	0.012	0.012	0.012	NA	NA	NA	NA	NA	NA	NA
PCB 008	1	0	NA	0.22	NA	0.22	0.22	0.22	NA	NA	NA	NA	NA	NA	NA
PCB 009	1	0	NA	0.014	NA	0.014	0.014	0.014	NA	NA	NA	NA	NA	NA	NA
PCB 010	1	100	<0.0033	0.00165	NA	0.00165	<0.0033	<0.0033	NA	NA	NA	NA	NA	NA	NA
PCB 011	1	0	NA	0.039	NA	0.039	0.039	0.039	NA	NA	NA	NA	NA	NA	NA
PCB 012 & 013	1	0	NA	0.062	NA	0.062	0.062	0.062	NA	NA	NA	NA	NA	NA	NA
PCB 014	1	100	<0.0055	0.00275	NA	0.00275	<0.0055	<0.0055	NA	NA	NA	NA	NA	NA	NA
PCB 015	1	0	NA	0.55	NA	0.55	0.55	0.55	NA	NA	NA	NA	NA	NA	NA
PCB 016	1	0	NA	0.029	NA	0.029	0.029	0.029	NA	NA	NA	NA	NA	NA	NA
PCB 017	1	0	NA	0.058	NA	0.058	0.058	0.058	NA	NA	NA	NA	NA	NA	NA
PCB 018 & 030	1	0	NA	0.066	NA	0.066	0.066	0.066	NA	NA	NA	NA	NA	NA	NA
PCB 019	1	0	NA	0.033	NA	0.033	0.033	0.033	NA	NA	NA	NA	NA	NA	NA
PCB 020 & 028	1	0	NA	0.26	NA	0.26	0.26	0.26	NA	NA	NA	NA	NA	NA	NA

Table 40. Summary of soil chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 021 & 033	1	0	NA	0.053	NA	0.053	0.053	0.053	NA	NA	NA	NA	NA	NA	NA
PCB 022	1	0	NA	0.052	NA	0.052	0.052	0.052	NA	NA	NA	NA	NA	NA	NA
PCB 023	1	100	<0.0031	0.00155	NA	0.00155	<0.0031	<0.0031	NA	NA	NA	NA	NA	NA	NA
PCB 024	1	100	<0.0009	0.00045	NA	0.00045	<0.0009	<0.0009	NA	NA	NA	NA	NA	NA	NA
PCB 025	1	0	NA	0.056	NA	0.056	0.056	0.056	NA	NA	NA	NA	NA	NA	NA
PCB 026 & 029	1	0	NA	0.077	NA	0.077	0.077	0.077	NA	NA	NA	NA	NA	NA	NA
PCB 027	1	0	NA	0.017	NA	0.017	0.017	0.017	NA	NA	NA	NA	NA	NA	NA
PCB 031	1	0	NA	0.19	NA	0.19	0.19	0.19	NA	NA	NA	NA	NA	NA	NA
PCB 032	1	0	NA	0.032	NA	0.032	0.032	0.032	NA	NA	NA	NA	NA	NA	NA
PCB 034	1	100	<0.0033	0.00165	NA	0.00165	<0.0033	<0.0033	NA	NA	NA	NA	NA	NA	NA
PCB 035	1	0	NA	0.0049	NA	0.0049	0.0049	0.0049	NA	NA	NA	NA	NA	NA	NA
PCB 036	1	0	NA	0.006	NA	0.006	0.006	0.006	NA	NA	NA	NA	NA	NA	NA
PCB 037	1	0	NA	0.21	NA	0.21	0.21	0.21	NA	NA	NA	NA	NA	NA	NA
PCB 038	1	100	<0.0036	0.0018	NA	0.0018	<0.0036	<0.0036	NA	NA	NA	NA	NA	NA	NA
PCB 039	1	100	<0.0033	0.00165	NA	0.00165	<0.0033	<0.0033	NA	NA	NA	NA	NA	NA	NA
PCB 040 & 071	1	0	NA	0.054	NA	0.054	0.054	0.054	NA	NA	NA	NA	NA	NA	NA
PCB 041	1	0	NA	0.0053	NA	0.0053	0.0053	0.0053	NA	NA	NA	NA	NA	NA	NA
PCB 042	1	0	NA	0.048	NA	0.048	0.048	0.048	NA	NA	NA	NA	NA	NA	NA
PCB 043	1	0	NA	0.0044	NA	0.0044	0.0044	0.0044	NA	NA	NA	NA	NA	NA	NA
PCB 044 & 047 & 065	1	0	NA	0.29	NA	0.29	0.29	0.29	NA	NA	NA	NA	NA	NA	NA
PCB 045	1	0	NA	0.01	NA	0.01	0.01	0.01	NA	NA	NA	NA	NA	NA	NA
PCB 046	1	0	NA	0.0046	NA	0.0046	0.0046	0.0046	NA	NA	NA	NA	NA	NA	NA
PCB 048	1	0	NA	0.014	NA	0.014	0.014	0.014	NA	NA	NA	NA	NA	NA	NA
PCB 049 & 069	1	0	NA	0.26	NA	0.26	0.26	0.26	NA	NA	NA	NA	NA	NA	NA
PCB 050 & 053	1	0	NA	0.028	NA	0.028	0.028	0.028	NA	NA	NA	NA	NA	NA	NA
PCB 051	1	0	NA	0.012	NA	0.012	0.012	0.012	NA	NA	NA	NA	NA	NA	NA
PCB 052	1	0	NA	0.37	NA	0.37	0.37	0.37	NA	NA	NA	NA	NA	NA	NA
PCB 054	1	0	NA	0.0035	NA	0.0035	0.0035	0.0035	NA	NA	NA	NA	NA	NA	NA
PCB 055	1	100	<0.0033	0.00165	NA	0.00165	<0.0033	<0.0033	NA	NA	NA	NA	NA	NA	NA
PCB 056	1	0	NA	0.099	NA	0.099	0.099	0.099	NA	NA	NA	NA	NA	NA	NA
PCB 057	1	100	<0.0033	0.00165	NA	0.00165	<0.0033	<0.0033	NA	NA	NA	NA	NA	NA	NA
PCB 058	1	100	<0.0033	0.00165	NA	0.00165	<0.0033	<0.0033	NA	NA	NA	NA	NA	NA	NA

Table 40. Summary of soil chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 059 & 062 & 075	1	0	NA	0.021	NA	0.021	0.021	0.021	NA	NA	NA	NA	NA	NA	NA
PCB 060	1	0	NA	0.054	NA	0.054	0.054	0.054	NA	NA	NA	NA	NA	NA	NA
PCB 061 & 070 & 074 & 076	1	0	NA	0.44	NA	0.44	0.44	0.44	NA	NA	NA	NA	NA	NA	NA
PCB 063	1	0	NA	0.0064	NA	0.0064	0.0064	0.0064	NA	NA	NA	NA	NA	NA	NA
PCB 064	1	0	NA	0.082	NA	0.082	0.082	0.082	NA	NA	NA	NA	NA	NA	NA
PCB 066	1	0	NA	0.4	NA	0.4	0.4	0.4	NA	NA	NA	NA	NA	NA	NA
PCB 067	1	0	NA	0.0064	NA	0.0064	0.0064	0.0064	NA	NA	NA	NA	NA	NA	NA
PCB 068	1	0	NA	0.033	NA	0.033	0.033	0.033	NA	NA	NA	NA	NA	NA	NA
PCB 072	1	0	NA	0.04	NA	0.04	0.04	0.04	NA	NA	NA	NA	NA	NA	NA
PCB 073	1	0	NA	0.0042	NA	0.0042	0.0042	0.0042	NA	NA	NA	NA	NA	NA	NA
PCB 077	1	0	NA	0.15	NA	0.15	0.15	0.15	NA	NA	NA	NA	NA	NA	NA
PCB 078	1	100	<0.0037	0.00185	NA	0.00185	<0.0037	<0.0037	NA	NA	NA	NA	NA	NA	NA
PCB 079	1	0	NA	0.011	NA	0.011	0.011	0.011	NA	NA	NA	NA	NA	NA	NA
PCB 080	1	100	<0.0031	0.00155	NA	0.00155	<0.0031	<0.0031	NA	NA	NA	NA	NA	NA	NA
PCB 081	1	100	<0.0043	0.00215	NA	0.00215	<0.0043	<0.0043	NA	NA	NA	NA	NA	NA	NA
PCB 082	1	100	<0.022	0.011	NA	0.011	<0.022	<0.022	NA	NA	NA	NA	NA	NA	NA
PCB 083	1	100	<0.024	0.012	NA	0.012	<0.024	<0.024	NA	NA	NA	NA	NA	NA	NA
PCB 084	1	0	NA	0.039	NA	0.039	0.039	0.039	NA	NA	NA	NA	NA	NA	NA
PCB 085 & 116 & 117	1	0	NA	0.24	NA	0.24	0.24	0.24	NA	NA	NA	NA	NA	NA	NA
PCB 086 & 087 & 097 & 108 & 119 & 125	1	0	NA	0.35	NA	0.35	0.35	0.35	NA	NA	NA	NA	NA	NA	NA
PCB 088 & 091	1	0	NA	0.063	NA	0.063	0.063	0.063	NA	NA	NA	NA	NA	NA	NA
PCB 089	1	100	<0.019	0.0095	NA	0.0095	<0.019	<0.019	NA	NA	NA	NA	NA	NA	NA
PCB 090 & 101 & 113	1	0	NA	0.83	NA	0.83	0.83	0.83	NA	NA	NA	NA	NA	NA	NA
PCB 092	1	0	NA	0.21	NA	0.21	0.21	0.21	NA	NA	NA	NA	NA	NA	NA
PCB 093 & 100	1	0	NA	0.023	NA	0.023	0.023	0.023	NA	NA	NA	NA	NA	NA	NA
PCB 094	1	100	<0.018	0.009	NA	0.009	<0.018	<0.018	NA	NA	NA	NA	NA	NA	NA
PCB 095	1	0	NA	0.2	NA	0.2	0.2	0.2	NA	NA	NA	NA	NA	NA	NA
PCB 096	1	0	NA	0.0022	NA	0.0022	0.0022	0.0022	NA	NA	NA	NA	NA	NA	NA
PCB 098 & 102	1	100	<0.016	0.008	NA	0.008	<0.016	<0.016	NA	NA	NA	NA	NA	NA	NA
PCB 099	1	0	NA	0.77	NA	0.77	0.77	0.77	NA	NA	NA	NA	NA	NA	NA

Table 40. Summary of soil chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 103	1	100	<0.016	0.008	NA	0.008	<0.016	<0.016	NA	NA	NA	NA	NA	NA	NA
PCB 104	1	0	NA	0.0008	NA	0.0008	0.0008	0.0008	NA	NA	NA	NA	NA	NA	NA
PCB 105	1	0	NA	0.5	NA	0.5	0.5	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 106	1	100	<0.015	0.0075	NA	0.0075	<0.015	<0.015	NA	NA	NA	NA	NA	NA	NA
PCB 107 & 124	1	0	NA	0.054	NA	0.054	0.054	0.054	NA	NA	NA	NA	NA	NA	NA
PCB 109	1	0	NA	0.12	NA	0.12	0.12	0.12	NA	NA	NA	NA	NA	NA	NA
PCB 110 & 115	1	0	NA	0.68	NA	0.68	0.68	0.68	NA	NA	NA	NA	NA	NA	NA
PCB 111	1	100	<0.012	0.006	NA	0.006	<0.012	<0.012	NA	NA	NA	NA	NA	NA	NA
PCB 112	1	100	<0.012	0.006	NA	0.006	<0.012	<0.012	NA	NA	NA	NA	NA	NA	NA
PCB 114	1	0	NA	0.019	NA	0.019	0.019	0.019	NA	NA	NA	NA	NA	NA	NA
PCB 118	1	0	NA	1.1	NA	1.1	1.1	1.1	NA	NA	NA	NA	NA	NA	NA
PCB 120	1	0	NA	0.021	NA	0.021	0.021	0.021	NA	NA	NA	NA	NA	NA	NA
PCB 121	1	100	<0.012	0.006	NA	0.006	<0.012	<0.012	NA	NA	NA	NA	NA	NA	NA
PCB 122	1	100	<0.016	0.008	NA	0.008	<0.016	<0.016	NA	NA	NA	NA	NA	NA	NA
PCB 123	1	0	NA	0.095	NA	0.095	0.095	0.095	NA	NA	NA	NA	NA	NA	NA
PCB 126	1	0	NA	0.043	NA	0.043	0.043	0.043	NA	NA	NA	NA	NA	NA	NA
PCB 127	1	100	<0.015	0.0075	NA	0.0075	<0.015	<0.015	NA	NA	NA	NA	NA	NA	NA
PCB 128 & 166	1	0	NA	0.49	NA	0.49	0.49	0.49	NA	NA	NA	NA	NA	NA	NA
PCB 129 & 138 & 163	1	0	NA	5.1	NA	5.1	5.1	5.1	NA	NA	NA	NA	NA	NA	NA
PCB 130	1	0	NA	0.17	NA	0.17	0.17	0.17	NA	NA	NA	NA	NA	NA	NA
PCB 131	1	100	<0.036	0.018	NA	0.018	<0.036	<0.036	NA	NA	NA	NA	NA	NA	NA
PCB 132	1	0	NA	0.17	NA	0.17	0.17	0.17	NA	NA	NA	NA	NA	NA	NA
PCB 133	1	0	NA	0.16	NA	0.16	0.16	0.16	NA	NA	NA	NA	NA	NA	NA
PCB 134 & 143	1	100	<0.035	0.0175	NA	0.0175	<0.035	<0.035	NA	NA	NA	NA	NA	NA	NA
PCB 135 & 151	1	0	NA	0.5	NA	0.5	0.5	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 136	1	0	NA	0.039	NA	0.039	0.039	0.039	NA	NA	NA	NA	NA	NA	NA
PCB 137	1	0	NA	0.091	NA	0.091	0.091	0.091	NA	NA	NA	NA	NA	NA	NA
PCB 139 & 140	1	100	<0.029	0.0145	NA	0.0145	<0.029	<0.029	NA	NA	NA	NA	NA	NA	NA
PCB 141	1	0	NA	0.23	NA	0.23	0.23	0.23	NA	NA	NA	NA	NA	NA	NA
PCB 142	1	100	<0.034	0.017	NA	0.017	<0.034	<0.034	NA	NA	NA	NA	NA	NA	NA
PCB 144	1	100	<0.03	0.015	NA	0.015	<0.03	<0.03	NA	NA	NA	NA	NA	NA	NA
PCB 145	1	100	<0.022	0.011	NA	0.011	<0.022	<0.022	NA	NA	NA	NA	NA	NA	NA

Table 40. Summary of soil chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 146	1	0	NA	0.95	NA	0.95	0.95	0.95	NA	NA	NA	NA	NA	NA	NA
PCB 147 & 149	1	0	NA	1.1	NA	1.1	1.1	1.1	NA	NA	NA	NA	NA	NA	NA
PCB 148	1	100	<0.03	0.015	NA	0.015	<0.03	<0.03	NA	NA	NA	NA	NA	NA	NA
PCB 150	1	100	<0.02	0.01	NA	0.01	<0.02	<0.02	NA	NA	NA	NA	NA	NA	NA
PCB 152	1	100	<0.021	0.0105	NA	0.0105	<0.021	<0.021	NA	NA	NA	NA	NA	NA	NA
PCB 153 & 168	1	0	NA	4.8	NA	4.8	4.8	4.8	NA	NA	NA	NA	NA	NA	NA
PCB 154	1	0	NA	0.054	NA	0.054	0.054	0.054	NA	NA	NA	NA	NA	NA	NA
PCB 155	1	100	<0.031	0.0155	NA	0.0155	<0.031	<0.031	NA	NA	NA	NA	NA	NA	NA
PCB 156 & 157	1	0	NA	0.44	NA	0.44	0.44	0.44	NA	NA	NA	NA	NA	NA	NA
PCB 158	1	0	NA	0.23	NA	0.23	0.23	0.23	NA	NA	NA	NA	NA	NA	NA
PCB 159	1	100	<0.0041	0.00205	NA	0.00205	<0.0041	<0.0041	NA	NA	NA	NA	NA	NA	NA
PCB 160	1	100	<0.027	0.0135	NA	0.0135	<0.027	<0.027	NA	NA	NA	NA	NA	NA	NA
PCB 161	1	100	<0.023	0.0115	NA	0.0115	<0.023	<0.023	NA	NA	NA	NA	NA	NA	NA
PCB 162	1	0	NA	0.026	NA	0.026	0.026	0.026	NA	NA	NA	NA	NA	NA	NA
PCB 164	1	0	NA	0.14	NA	0.14	0.14	0.14	NA	NA	NA	NA	NA	NA	NA
PCB 165	1	0	NA	0.031	NA	0.031	0.031	0.031	NA	NA	NA	NA	NA	NA	NA
PCB 167	1	0	NA	0.28	NA	0.28	0.28	0.28	NA	NA	NA	NA	NA	NA	NA
PCB 169	1	100	<0.0045	0.00225	NA	0.00225	<0.0045	<0.0045	NA	NA	NA	NA	NA	NA	NA
PCB 170	1	0	NA	1.3	NA	1.3	1.3	1.3	NA	NA	NA	NA	NA	NA	NA
PCB 171 & 173	1	0	NA	0.2	NA	0.2	0.2	0.2	NA	NA	NA	NA	NA	NA	NA
PCB 172	1	0	NA	0.25	NA	0.25	0.25	0.25	NA	NA	NA	NA	NA	NA	NA
PCB 174	1	0	NA	0.85	NA	0.85	0.85	0.85	NA	NA	NA	NA	NA	NA	NA
PCB 175	1	0	NA	0.017	NA	0.017	0.017	0.017	NA	NA	NA	NA	NA	NA	NA
PCB 176	1	0	NA	0.023	NA	0.023	0.023	0.023	NA	NA	NA	NA	NA	NA	NA
PCB 177	1	0	NA	0.83	NA	0.83	0.83	0.83	NA	NA	NA	NA	NA	NA	NA
PCB 178	1	0	NA	0.73	NA	0.73	0.73	0.73	NA	NA	NA	NA	NA	NA	NA
PCB 179	1	0	NA	0.28	NA	0.28	0.28	0.28	NA	NA	NA	NA	NA	NA	NA
PCB 180 & 193	1	0	NA	3.1	NA	3.1	3.1	3.1	NA	NA	NA	NA	NA	NA	NA
PCB 181	1	0	NA	0.011	NA	0.011	0.011	0.011	NA	NA	NA	NA	NA	NA	NA
PCB 182	1	0	NA	0.012	NA	0.012	0.012	0.012	NA	NA	NA	NA	NA	NA	NA
PCB 183	1	0	NA	0.27	NA	0.27	0.27	0.27	NA	NA	NA	NA	NA	NA	NA
PCB 184	1	100	<0.0016	0.0008	NA	0.0008	<0.0016	<0.0016	NA	NA	NA	NA	NA	NA	NA

Table 40. Summary of soil chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 185	1	0	NA	0.093	NA	0.093	0.093	0.093	NA	NA	NA	NA	NA	NA	NA
PCB 186	1	100	<0.0015	0.00075	NA	0.00075	<0.0015	<0.0015	NA	NA	NA	NA	NA	NA	NA
PCB 187	1	0	NA	2.9	NA	2.9	2.9	2.9	NA	NA	NA	NA	NA	NA	NA
PCB 188	1	0	NA	0.0048	NA	0.0048	0.0048	0.0048	NA	NA	NA	NA	NA	NA	NA
PCB 189	1	0	NA	0.067	NA	0.067	0.067	0.067	NA	NA	NA	NA	NA	NA	NA
PCB 190	1	0	NA	0.54	NA	0.54	0.54	0.54	NA	NA	NA	NA	NA	NA	NA
PCB 191	1	0	NA	0.034	NA	0.034	0.034	0.034	NA	NA	NA	NA	NA	NA	NA
PCB 192	1	100	<0.0022	0.0011	NA	0.0011	<0.0022	<0.0022	NA	NA	NA	NA	NA	NA	NA
PCB 194	1	0	NA	0.84	NA	0.84	0.84	0.84	NA	NA	NA	NA	NA	NA	NA
PCB 195	1	0	NA	0.26	NA	0.26	0.26	0.26	NA	NA	NA	NA	NA	NA	NA
PCB 196	1	0	NA	0.18	NA	0.18	0.18	0.18	NA	NA	NA	NA	NA	NA	NA
PCB 197	1	0	NA	0.0071	NA	0.0071	0.0071	0.0071	NA	NA	NA	NA	NA	NA	NA
PCB 198 & 199	1	0	NA	1.6	NA	1.6	1.6	1.6	NA	NA	NA	NA	NA	NA	NA
PCB 200	1	0	NA	0.056	NA	0.056	0.056	0.056	NA	NA	NA	NA	NA	NA	NA
PCB 201	1	0	NA	0.05	NA	0.05	0.05	0.05	NA	NA	NA	NA	NA	NA	NA
PCB 202	1	0	NA	0.57	NA	0.57	0.57	0.57	NA	NA	NA	NA	NA	NA	NA
PCB 203	1	0	NA	0.84	NA	0.84	0.84	0.84	NA	NA	NA	NA	NA	NA	NA
PCB 204	1	100	<0.0067	0.00335	NA	0.00335	<0.0067	<0.0067	NA	NA	NA	NA	NA	NA	NA
PCB 205	1	0	NA	0.064	NA	0.064	0.064	0.064	NA	NA	NA	NA	NA	NA	NA
PCB 206	1	0	NA	1.4	NA	1.4	1.4	1.4	NA	NA	NA	NA	NA	NA	NA
PCB 207	1	0	NA	0.06	NA	0.06	0.06	0.06	NA	NA	NA	NA	NA	NA	NA
PCB 208	1	0	NA	0.38	NA	0.38	0.38	0.38	NA	NA	NA	NA	NA	NA	NA
PCB 209	1	0	NA	0.91	NA	0.91	0.91	0.91	NA	NA	NA	NA	NA	NA	NA
Total PCBs - Homologs	1	0	NA	46.6	NA	46.6	46.6	46.6	NA	NA	NA	NA	NA	NA	NA
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	1	100	<0.000168	0.000084	NA	0.000084	<0.000168	<0.000168	NA	NA	NA	NA	NA	NA	NA
Total TCDD	1	100	<0.000168	0.000084	NA	0.000084	<0.000168	<0.000168	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	1	100	<0.000133	0.0000665	NA	0.0000665	<0.000133	<0.000133	NA	NA	NA	NA	NA	NA	NA
Total PeCDD	1	100	<0.000133	0.0000665	NA	0.0000665	<0.000133	<0.000133	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	1	0	NA	0.000441	NA	0.000441	0.000441	0.000441	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	1	0	NA	0.000579	NA	0.000579	0.000579	0.000579	NA	NA	NA	NA	NA	NA	NA

Table 40. Summary of soil chemistry data collected in Reach CC10 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation[1]	Geometric Mean	Min	Max	Percentile[1]						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW; cont.)															
1,2,3,7,8,9-HxCDD	1	0	NA	0.00128	NA	0.00128	0.00128	0.00128	NA	NA	NA	NA	NA	NA	NA
Total HxCDD	1	0	NA	0.0085	NA	0.0085	0.0085	0.0085	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	1	0	NA	0.0619	NA	0.0619	0.0619	0.0619	NA	NA	NA	NA	NA	NA	NA
Total HpCDD	1	0	NA	0.129	NA	0.129	0.129	0.129	NA	NA	NA	NA	NA	NA	NA
Total OCDD	1	0	NA	3.08	NA	3.08	3.08	3.08	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDF	1	0	NA	0.000832	NA	0.000832	0.000832	0.000832	NA	NA	NA	NA	NA	NA	NA
Total TCDF	1	0	NA	0.00277	NA	0.00277	0.00277	0.00277	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	1	100	<0.000143	0.0000715	NA	0.0000715	<0.000143	<0.000143	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	1	0	NA	0.000275	NA	0.000275	0.000275	0.000275	NA	NA	NA	NA	NA	NA	NA
Total PeCDF	1	0	NA	0.00125	NA	0.00125	0.00125	0.00125	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	1	0	NA	0.000544	NA	0.000544	0.000544	0.000544	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	1	0	NA	0.000147	NA	0.000147	0.000147	0.000147	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	1	100	<0.000133	0.0000665	NA	0.0000665	<0.000133	<0.000133	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	1	100	<0.000121	0.0000605	NA	0.0000605	<0.000121	<0.000121	NA	NA	NA	NA	NA	NA	NA
Total HxCDF	1	0	NA	0.0018	NA	0.0018	0.0018	0.0018	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	1	0	NA	0.00162	NA	0.00162	0.00162	0.00162	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	1	100	<0.000167	0.0000835	NA	0.0000835	<0.000167	<0.000167	NA	NA	NA	NA	NA	NA	NA
Total HpCDF	1	0	NA	0.00278	NA	0.00278	0.00278	0.00278	NA	NA	NA	NA	NA	NA	NA
Total OCDF	1	0	NA	0.00228	NA	0.00228	0.00228	0.00228	NA	NA	NA	NA	NA	NA	NA

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

[1] The standard deviation and percentiles were not calculated when fewer than three samples were available in a reach. In these instances "NA" was written instead.

Table 41. Summary of soil chemistry data collected in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	5	0	NA	13.5	5.46	12.6	7.7	20.4	8.22	8.74	10.3	10.9	18.1	19.5	19.9
Silt (%)	5	0	NA	52.8	22	48.7	27.8	78.2	28.6	29.4	31.7	62.2	64	72.5	75.4
Fines (silt+clay; %)	5	0	NA	66.3	22.8	62.7	35.5	88.5	38.4	41.2	49.8	73.1	84.4	86.9	87.7
Gravel (%)	5	0	NA	0.12	0.268	NA	0	0.6	0	0	0	0	0	0.36	0.48
Sand (%)	5	0	NA	33.6	23	27.2	10.9	64.5	11.9	12.8	15.7	26.9	50.2	58.8	61.6
Solids (%)	5	0	NA	83.7	8.96	83.3	73.2	96.3	74	74.8	77.2	85.4	86.3	92.3	94.3
Phosphorus (mg/kg)	5	0	NA	341	210	302	167	706	185	203	257	285	292	540	623
Total Organic Carbon (%)	5	0	NA	2.48	1.06	2.27	1.2	3.6	1.26	1.32	1.5	3	3.1	3.4	3.5
Metals (mg/kg DW)															
Aluminum	5	0	NA	10900	1850	10700	8280	12400	8530	8770	9510	12000	12100	12300	12300
Antimony	5	100	<0.1 to <0.25	0.08	0.0411	0.0721	<0.1	<0.25	0.05	0.05	0.05	0.05	0.125	0.125	0.125
Arsenic	5	0	NA	5.56	2.25	5.19	2.99	7.95	3.24	3.48	4.22	4.74	7.89	7.93	7.94
Barium	5	0	NA	88.2	35.3	82.2	43.1	137	48.4	53.6	69.4	88.7	103	123	130
Beryllium	5	20	<0.25	0.523	0.244	0.447	<0.25	0.76	0.205	0.285	0.524	0.53	0.675	0.726	0.743
Cadmium	5	60	<0.1 to <0.25	0.126	0.063	0.113	<0.1	<0.25	0.0608	0.0716	0.104	0.125	0.125	0.184	0.204
Calcium	5	0	NA	1310	500	1230	751	1930	787	822	929	1230	1700	1840	1880
Chromium	5	0	NA	16.1	5.54	15.4	9.66	24.3	10.2	10.8	12.6	16.7	17.3	21.5	22.9
Cobalt	5	0	NA	6.82	2.72	6.22	2.56	9.48	3.29	4.01	6.19	7.07	8.79	9.2	9.34
Copper	5	0	NA	8.41	2.94	7.9	3.92	11.6	4.73	5.54	7.96	8.18	10.4	11.1	11.4
Iron	5	0	NA	14700	2690	14500	11600	18000	11800	12000	12500	14800	16600	17400	17700
Lead	5	0	NA	18.9	4.83	18.3	10.9	23.6	12.5	14.1	18.9	19.5	21.5	22.8	23.2
Magnesium	5	0	NA	561	157	544	416	738	423	430	451	475	724	732	735
Manganese	5	0	NA	548	426	431	190	1200	205	220	266	325	758	1020	1110
Mercury	3	0	NA	0.0581	0.0101	0.0575	0.0483	0.0685	0.0492	0.0502	0.053	0.0576	0.0631	0.0663	0.0674
Molybdenum	5	0	NA	0.593	0.359	0.516	0.266	1.16	0.283	0.299	0.349	0.476	0.715	0.982	1.07
Nickel	5	0	NA	7.44	2.03	7.14	3.9	9.05	4.67	5.43	7.73	8.25	8.25	8.73	8.89
Potassium	5	0	NA	350	116	337	247	547	257	266	295	311	351	469	508
Selenium	5	0	NA	0.595	0.253	0.55	0.31	0.929	0.326	0.342	0.391	0.601	0.743	0.855	0.892
Silver	5	100	<0.1 to <0.25	0.08	0.0411	0.0721	<0.1	<0.25	0.05	0.05	0.05	0.05	0.125	0.125	0.125
Sodium	5	0	NA	22.8	5.97	22.2	17.1	31.5	17.4	17.7	18.5	20.6	26.1	29.3	30.4
Thallium	5	20	<0.25	0.227	0.0725	0.217	0.188	0.314	0.138	0.15	0.188	0.254	0.255	0.29	0.302

Table 41. Summary of soil chemistry data collected in Reach CR02 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Metals (mg/kg DW; cont.)															
Vanadium	5	0	NA	26.2	6.67	25.5	19.8	36.4	20.1	20.5	21.5	24.3	28.9	33.4	34.9
Zinc	5	0	NA	30.9	9.03	30	22.7	46.3	23.5	24.4	26.9	29.2	29.3	39.5	42.9
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	5	100	<1.16 to <2.65	0.969	0.324	0.922	<1.16	<2.65	0.6	0.62	0.68	1.07	1.19	1.27	1.3
Aroclor 1221	5	100	<1.16 to <2.77	1	0.353	0.945	<1.16	<2.77	0.6	0.62	0.68	1.12	1.24	1.33	1.36
Aroclor 1232	5	100	<1.16 to <2.77	1	0.353	0.945	<1.16	<2.77	0.6	0.62	0.68	1.12	1.24	1.33	1.36
Aroclor 1242	5	100	<1.16 to <2.77	1	0.353	0.945	<1.16	<2.77	0.6	0.62	0.68	1.12	1.24	1.33	1.36
Aroclor 1248	5	40	<2.23 to <2.77	4.49	4.24	3.12	<2.23	11.4	1.17	1.22	1.39	3.05	5.51	9.04	10.2
Aroclor 1254	5	20	<2.77	9.44	8.44	6.23	<2.77	21.9	1.77	2.16	3.32	6.71	13.9	18.7	20.3
Aroclor 1260	5	0	NA	25	33	13.7	3.5	83.1	4.5	5.5	8.49	9.74	20.2	57.9	70.5
Total PCBs - Aroclors	5	0	NA	42.9	44.1	31.5	16	121	16.5	17	18.6	28.5	30.2	84.7	103

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

Table 42. Summary of soil chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	70	0	NA	14.5	6.35	13.1	2.4	36.9	5.6	8.13	10.7	13.1	18.2	22.5	25.6
Silt (%)	70	0	NA	57.3	15.3	55	18.9	82.6	32.6	37.6	45.1	58.4	70.3	75.7	78
Fines (silt+clay; %)	70	0	NA	71.8	19.3	68.9	24	98.2	42.2	46	57.3	71.3	90.2	97	97.6
Gravel (%)	70	0	NA	0.184	0.707	NA	0	3.9	0	0	0	0	0	0.21	0.455
Sand (%)	70	0	NA	28	19.2	19	1.8	76	2.4	2.99	9.83	28.7	42.7	53.8	57.8
Solids (%)	70	0	NA	83.9	10.2	83.3	59	99.5	70.2	72.4	76.8	81.1	94.4	98.2	99
Phosphorus (mg/kg)	70	0	NA	616	249	566	144	1540	283	367	447	565	772	964	1040
Total Organic Carbon (%)	70	0	NA	2.43	0.976	2.22	0.36	5.3	1.01	1.29	1.8	2.35	3.1	3.52	4.19
Metals (mg/kg DW)															
Aluminum	70	0	NA	10800	3590	10200	3350	23100	6170	6540	8050	10500	13200	15200	16000
Antimony	70	87.1	<0.1 to <0.25	0.0925	0.0518	0.0808	<0.1	0.345	0.05	0.05	0.05	0.05	0.125	0.135	0.152
Arsenic	70	0	NA	4.87	3.24	4.24	1.01	21.4	2.44	2.77	3.28	3.89	4.78	9.5	10.6
Barium	70	0	NA	119	34.2	113	25.3	206	62	73.8	99.9	120	140	155	174
Beryllium	70	0	NA	0.711	0.21	0.678	0.245	1.31	0.383	0.465	0.581	0.707	0.831	0.939	1.06
Cadmium	70	22.9	<0.1 to <0.25	0.543	0.785	0.325	<0.1	6.14	0.107	0.125	0.125	0.298	0.73	1.02	1.28
Calcium	70	0	NA	2480	2310	1870	248	16300	490	766	1270	2000	2830	4340	5430
Chromium	70	0	NA	19.7	9.23	17.8	6.4	49.9	8.74	10.3	12.5	17.7	24.2	31.6	37
Cobalt	70	0	NA	10.1	2.54	9.74	2.57	18.8	6.55	7.27	8.64	9.71	11.7	13	14
Copper	70	0	NA	28.8	18.8	23.1	4.08	91	7.57	9.64	14.6	23.3	44.5	54.5	61.9
Iron	70	0	NA	19100	4820	18400	4990	40000	12600	14300	17000	19000	20500	22800	25400
Lead	70	0	NA	64.3	96.8	42.2	6.05	781	15.5	18.3	23.8	34.9	85.7	135	141
Magnesium	70	0	NA	1330	1020	1160	307	8540	524	677	987	1190	1420	1640	1960
Manganese	70	0	NA	783	324	696	62.8	1590	223	339	619	793	943	1200	1410
Mercury	37	0	NA	1.72	1.89	0.833	0.0646	8.39	0.0798	0.0904	0.354	1	2.29	4.22	5.41
Molybdenum	70	2.86	<0.25	0.425	0.212	0.384	0.183	1.19	0.209	0.252	0.291	0.366	0.486	0.639	0.878
Nickel	70	0	NA	11.7	4.2	10.9	2.71	21.8	5.69	7.1	8.62	11	14	17.4	19.3
Potassium	70	0	NA	771	248	730	276	1470	369	423	614	772	898	1050	1170
Selenium	70	0	NA	0.629	0.197	0.598	0.164	1.2	0.384	0.397	0.504	0.611	0.737	0.819	1.04
Silver	70	48.6	<0.1 to <0.25	0.272	0.345	0.173	<0.1	1.86	0.05	0.05	0.125	0.125	0.305	0.449	0.843
Sodium	70	0	NA	30	16.3	27.7	12.9	139	15	18	22.6	27.2	32.9	39	48.9
Thallium	70	31.4	<0.1 to <0.25	0.191	0.0815	0.175	<0.1	0.424	0.111	0.125	0.125	0.168	0.256	0.315	0.339
Vanadium	70	0	NA	19.9	9.07	18.3	5.84	58.7	10.4	11.4	14.2	17.5	23.3	32.7	34.6
Zinc	70	0	NA	144	201	100	15.2	1650	30.7	38.4	61.9	91.2	165	268	279

Table 42. Summary of soil chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	70	100	<1 to <3.06	1	0.347	0.938	<1	<3.06	0.505	0.52	0.616	1.09	1.32	1.36	1.43
Aroclor 1221	70	100	<1 to <3.19	1.04	0.373	0.963	<1	<3.19	0.505	0.52	0.616	1.14	1.38	1.42	1.49
Aroclor 1232	70	100	<1 to <3.19	1.04	0.373	0.963	<1	<3.19	0.505	0.52	0.616	1.14	1.38	1.42	1.49
Aroclor 1242	70	100	<1 to <3.19	1.04	0.373	0.963	<1	<3.19	0.505	0.52	0.616	1.14	1.38	1.42	1.49
Aroclor 1248	70	7.14	<1.42 to <3.18	3400	8580	219	<1.42	54300	1.49	2.89	22.8	248	1680	9320	17200
Aroclor 1254	70	2.86	<2.83 to <3.18	6760	14600	683	<2.83	88100	5.25	14.7	122	810	4830	20000	32800
Aroclor 1260	70	1.43	<2.81	3470	6500	642	<2.81	41100	7.21	18.5	158	915	3950	8920	13700
Total PCBs - Aroclors	70	1.43	<19.7	13600	29500	1730	13.5	184000	18.4	34.6	389	1990	10800	35400	63600
PCB 001	25	0	NA	25.3	22.1	10.2	0.0071	78.8	0.136	0.72	10	18.2	36	54.1	71.6
PCB 002	25	4	<2.1	1.86	1.77	0.846	0.0025	7.37	0.019	0.0978	0.929	1.37	2.15	4.46	4.82
PCB 003	25	0	NA	24.2	20.3	10.2	0.0066	82.4	0.142	0.898	11	19.7	32	49.6	51.5
PCB 004	25	4	<0.012	19.3	18.5	7.07	<0.012	73.4	0.0636	0.422	4.7	12.9	28.2	42.1	49.4
PCB 005	25	84	<0.0063 to <11	0.9	1.33	0.213	<0.0063	<11	0.00333	0.00479	0.06	0.295	1.4	2.55	3.17
PCB 006	25	12	<0.0074 to <11	6.97	5.69	2.92	<0.0074	18.4	0.0358	0.256	2.6	5.14	10	14.3	17
PCB 007	25	36	<0.0069 to <11	1.53	1.35	0.653	0.0064	<11	0.00752	0.0512	0.55	1.6	2.3	2.99	3.65
PCB 008	25	4	<0.0072	26.3	21.4	10.5	<0.0072	71.1	0.14	0.812	12	22	43.9	58.8	61.6
PCB 009	25	40	<0.0078 to <12	1.7	1.57	0.727	<0.0078	<12	0.0106	0.0628	0.698	1.09	2.55	3.37	4.8
PCB 010	25	32	<0.0033 to <2.8	0.897	0.948	0.331	<0.0033	3.8	0.0032	0.0189	0.21	0.55	1.36	2.08	2.55
PCB 011	25	52	<0.38 to <12	1.09	1.4	0.458	0.0088	<12	0.0166	0.0674	0.24	0.49	1.28	2.83	3.51
PCB 012 & 013	25	24	<0.0077 to <12	5.49	5	2.36	<0.0077	18	0.034	0.265	2.55	4.26	7.2	13.1	16.4
PCB 014	25	100	<0.0055 to <10	0.685	1.24	0.0999	<0.0055	<10	0.00283	0.00305	0.011	0.125	0.55	2.37	2.97
PCB 015	25	0	NA	88.9	71.6	34.6	0.033	240	0.302	2.33	33.5	89.8	122	186	223
PCB 016	25	0	NA	5.96	6.33	1.96	0.002	26.5	0.0162	0.113	1.5	3.16	8.67	12.4	16.1
PCB 017	25	0	NA	10.5	10.9	3.43	0.0027	41.7	0.0236	0.179	2.8	7.35	14.5	25.8	29.9
PCB 018 & 030	25	0	NA	14.2	13.7	4.78	0.0046	55.6	0.0348	0.252	2.9	9.32	21.5	28.3	34.2
PCB 019	25	4	<0.0015	5.35	6.19	1.58	<0.0015	23.9	0.0121	0.0878	1.13	3.73	7.3	12.2	18.8
PCB 020 & 028	25	0	NA	98.3	86.6	30.4	0.023	253	0.148	1.24	19	85.3	140	228	236
PCB 021 & 033	25	0	NA	13.1	12.7	4.45	0.0056	52.8	0.0338	0.224	3.2	9.9	17.5	28.7	30.8
PCB 022	25	0	NA	17.1	16.2	5.43	0.0048	58.6	0.0312	0.263	3.6	13.1	25	39.8	45.4
PCB 023	25	100	<0.0012 to <6.5	0.579	0.935	0.0798	<0.0012	<6.5	0.00143	0.00169	0.013	0.075	0.75	1.99	2.65
PCB 024	25	84	<0.0008 to <0.63	0.0819	0.0922	0.0284	<0.0008	<0.63	0.000456	0.00249	0.0095	0.0475	0.125	0.199	0.291
PCB 025	25	0	NA	11.6	9.57	3.92	0.0017	28.4	0.0208	0.194	2.6	11	22	24.4	24.8
PCB 026 & 029	25	0	NA	19.6	17.2	6.58	0.0042	58.6	0.0322	0.294	4.3	15.4	31.4	43	49.5
PCB 027	25	0	NA	6.85	7.56	1.62	0.0012	25	0.00972	0.049	0.84	2.55	12.1	16.7	20.3
PCB 031	25	0	NA	69.1	60.5	22.7	0.017	187	0.104	0.954	17	50	97.3	158	182

Table 42. Summary of soil chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 032	25	0	NA	14.4	14.4	3.69	0.0021	45.1	0.0176	0.111	1.9	9.44	26	35.1	38.4
PCB 034	25	60	<0.0013 to <7.2	0.77	0.983	0.193	<0.0013	<7.2	0.00149	0.00519	0.08	0.425	0.85	2.17	2.93
PCB 035	25	40	<0.0015 to <8.3	1.53	1.32	0.52	<0.0015	<8.3	0.0023	0.0233	0.41	1.56	2.06	3.55	3.89
PCB 036	25	40	<0.0013 to <0.73	5.95	10.1	0.283	<0.0013	39	0.00232	0.00492	0.0215	0.365	11	16.2	25.7
PCB 037	25	0	NA	87.8	79.7	26.8	0.026	280	0.13	1.21	16.4	73	150	190	201
PCB 038	25	88	<0.0014 to <8.3	0.776	1.17	0.129	<0.0014	<8.3	0.0016	0.00304	0.025	0.24	0.95	2.53	3.37
PCB 039	25	48	<0.0013 to <7.4	1.04	1	0.304	<0.0013	<7.4	0.00153	0.00539	0.2	1.04	1.45	2.25	3.03
PCB 040 & 041 & 071	12	0	NA	115	123	39.4	2.89	336	3.41	3.89	5.74	70.1	227	271	302
PCB 040 & 071	13	0	NA	149	244	8.31	0.017	760	0.0392	0.063	0.4	47	190	502	646
PCB 041	13	7.69	<0.00071	5.67	10	0.418	<0.00071	34	0.00332	0.00536	0.044	1.9	4.1	16.9	25
PCB 042	25	0	NA	98.9	133	14.7	0.014	500	0.0524	0.186	3.25	35	160	243	365
PCB 043	25	28	<0.00063 to <1.5	5.31	10.1	0.463	<0.00063	44	0.00336	0.00864	0.0503	0.75	6.02	12.1	23.5
PCB 044 & 047 & 065	25	0	NA	427	614	61.5	0.064	2400	0.25	0.734	13.4	150	630	967	1740
PCB 045	13	0	NA	21.6	39.5	1.17	0.0027	120	0.00708	0.0104	0.078	4	15	82.6	106
PCB 045 & 051	12	0	NA	19.4	19.5	8.78	1.14	57.1	1.24	1.35	1.66	12.7	32.6	43.2	49.9
PCB 046	25	8	<0.00066 to <0.61	7.45	13.7	0.852	<0.00066	57	0.00412	0.016	0.17	1.42	8.06	14.4	37.6
PCB 048	25	0	NA	11.5	12.1	2.61	0.0021	38	0.0142	0.061	0.77	8.6	17.4	28.2	35.4
PCB 049 & 069	25	0	NA	386	468	73.6	0.057	1800	0.22	0.756	26	186	600	949	1240
PCB 050 & 053	25	0	NA	36.7	55.2	5.52	0.0053	220	0.0304	0.076	1.1	14	46	91.1	156
PCB 051	13	0	NA	7.66	12.8	0.568	0.00095	39	0.00698	0.0112	0.047	1	5.8	27.2	33.6
PCB 052	25	0	NA	766	1030	128	0.11	4000	0.354	1.22	49	370	1300	1730	2930
PCB 054	25	12	<0.00044 to <0.49	0.864	1.09	0.199	<0.00044	3.83	0.00222	0.0061	0.055	0.246	1.4	2.2	3.07
PCB 055	25	100	<0.0014 to <15	1.26	2.25	0.121	<0.0014	<15	0.00145	0.00263	0.012	0.145	1.05	4.84	6.6
PCB 056	25	0	NA	221	254	39	0.031	840	0.0958	0.539	11	150	440	590	603
PCB 057	25	68	<0.0014 to <16	5.44	16.5	0.286	<0.0014	82.9	0.00145	0.00255	0.0165	1.15	2.82	8	12
PCB 058	25	80	<0.0014 to <16	1.53	2.44	0.175	<0.0014	<16	0.00145	0.00251	0.0165	0.215	1.6	5.3	7.5
PCB 059 & 062 & 075	25	0	NA	31.6	41.8	5.26	0.006	160	0.0216	0.0624	1.3	13	52.6	70.4	120
PCB 060	25	0	NA	59.7	60	14.7	0.013	173	0.042	0.344	8.89	39	98	155	168
PCB 061 & 070 & 074 & 076	25	0	NA	609	624	142	0.099	2000	0.288	2.94	75	410	1100	1560	1670
PCB 063	25	0	NA	12.8	12.4	3.35	0.0028	44	0.00792	0.0764	2.09	12	21	28.6	32.3
PCB 064	25	0	NA	184	210	34.4	0.03	720	0.0916	0.334	13	98.6	290	496	545
PCB 066	25	0	NA	772	862	156	0.12	3100	0.328	2.96	58.6	458	1600	1910	2070
PCB 067	25	24	<0.0013 to <15	5.46	5.72	1.31	<0.0013	20	0.00464	0.035	0.61	3.07	7.7	12.8	15.7
PCB 068	25	20	<3.6 to <15	4.31	3.32	1.74	0.0044	<15	0.0129	0.0838	1.2	4.7	7.12	8.36	9.67
PCB 072	25	8	<3.8 to <16	6.38	5.46	2.31	0.0051	20	0.0138	0.084	1.8	5.6	10.7	12.9	14.3

Table 42. Summary of soil chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 073	25	44	<0.0014 to <0.25	2.54	4.57	0.107	0.0012	16	0.00142	0.0029	0.012	0.1	2.9	8.68	11.4
PCB 077	25	0	NA	129	139	30.2	0.03	480	0.0956	1.21	12	83.6	274	310	326
PCB 078	25	96	<0.0016 to <18	2.27	5.66	0.138	<0.0016	27	0.00165	0.00277	0.012	0.16	1.3	6.1	8.5
PCB 079	25	0	NA	13.1	18.4	2.12	0.0028	76	0.00724	0.0318	0.433	6.71	22.8	28.4	46.6
PCB 080	25	96	<0.0013 to <15	1.29	2.25	0.121	<0.0013	<15	0.00135	0.00243	0.011	0.21	1.05	4.9	6.6
PCB 081	25	52	<0.0017 to <23	2.92	3.34	0.693	<0.0017	<23	0.00175	0.0293	0.32	1.75	3.5	7.8	10
PCB 082	25	4	<0.022	113	147	15.1	0.018	550	0.0282	0.169	2.47	47	217	269	374
PCB 083	13	53.8	<0.0074 to <19	27.6	45.4	1.72	<0.0074	150	0.00688	0.0096	0.09	5	42	80.4	113
PCB 083 & 099	12	0	NA	601	512	343	28.5	1480	49.6	66.9	150	526	890	1310	1390
PCB 084	25	0	NA	159	239	18.5	0.021	970	0.046	0.132	2.84	58	250	353	639
PCB 085 & 116 & 117	25	0	NA	197	231	45.1	0.071	890	0.152	0.784	22.3	100	380	466	551
PCB 086 & 087 & 097 & 108 & 119 & 125	13	0	NA	705	1050	49.2	0.11	3300	0.23	0.318	2.2	240	1200	2100	2700
PCB 086 & 087 & 097 & 109 & 119 & 125	12	0	NA	619	602	282	16.9	1670	30	41.2	87.8	473	1000	1440	1550
PCB 088 & 091	25	0	NA	118	143	21.2	0.019	570	0.0606	0.122	6.97	73.9	170	273	370
PCB 089	25	52	<0.0059 to <69	7.37	9.66	1.2	<0.0059	<69	0.0075	0.0337	0.122	4.4	12.5	16.5	28.6
PCB 090 & 101 & 113	25	0	NA	966	1180	200	0.17	4700	0.534	2.9	61	530	1500	2220	3180
PCB 092	25	0	NA	180	215	40.7	0.036	880	0.103	0.606	25	88	280	409	549
PCB 093 & 098 & 100 & 102	12	0	NA	34.1	30.5	15.5	1.6	79.5	1.68	1.75	2.92	32.8	63	72.8	76.1
PCB 093 & 100	13	84.6	<0.0053 to <62	9.64	12	0.995	<0.0053	<62	0.00496	0.0098	0.065	3.95	15.5	27.8	29.2
PCB 094	25	52	<0.0056 to <65	6.11	8.68	1.21	<0.0056	<65	0.0074	0.0334	0.269	3.82	7.3	15.2	26.8
PCB 095	25	0	NA	631	902	92.2	0.082	3600	0.208	0.624	29	310	980	1360	2530
PCB 096	25	8	<0.1 to <0.33	3.66	5.44	0.495	0.00054	22	0.00248	0.00524	0.12	1.5	4.88	7.78	15.4
PCB 098 & 102	13	38.5	<0.0049 to <1.4	23.8	34.8	1.49	<0.0049	100	0.00578	0.0098	0.06	8.1	36	80.8	95.2
PCB 099	13	0	NA	504	713	53.4	0.17	2300	0.284	0.442	4.6	210	860	1380	1820
PCB 103	25	52	<0.0048 to <58	7.31	7.84	1.88	<0.0048	<58	0.0064	0.0288	1.04	6.49	12.1	13.7	24.1
PCB 104	25	36	<0.00023 to <0.31	0.225	0.301	0.049	<0.00023	0.976	0.000256	0.00096	0.052	0.0978	0.31	0.726	0.913
PCB 105	25	0	NA	559	604	133	0.18	2000	0.436	3.9	62	310	1200	1400	1460
PCB 106	25	100	<0.0047 to <51	3.54	7.17	0.19	<0.0047	<51	0.00458	0.0063	0.0245	0.09	3.25	11.9	21.3
PCB 107	12	0	NA	78.6	64.6	48.1	3.65	181	7.8	11.5	26.3	68.9	118	174	178
PCB 107 & 124	13	0	NA	33.3	48.6	3.73	0.014	160	0.0194	0.0292	0.52	12	57	88.6	121
PCB 108 & 124	12	0	NA	38.8	36.3	20.8	1.64	96.5	3.03	4.35	8.9	28.9	65.2	93.9	95.6
PCB 109	13	0	NA	70.2	90.4	9.75	0.042	280	0.0696	0.0944	1.8	29	150	174	220
PCB 110 & 115	25	0	NA	1210	1400	236	0.2	5200	0.616	2.33	61	600	2000	3040	3590

Table 42. Summary of soil chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 111	25	64	<0.0038 to <43	3.39	5.84	0.609	<0.0038	<43	0.00492	0.0224	0.287	0.988	2.75	10.1	17.7
PCB 112	25	100	<0.0015 to <45	3.08	6.3	0.101	<0.0015	<45	0.00177	0.00235	0.009	0.06	2.85	10.4	18.6
PCB 114	25	24	<0.0047 to <57	14	14.2	3.51	<0.0047	<57	0.0174	0.115	1.8	7	28.5	33.4	35.4
PCB 118	25	0	NA	993	1040	262	0.35	3700	0.94	8.26	149	585	1800	2470	2560
PCB 120	25	40	<0.0099 to <45	4.53	5.9	1.3	0.0057	<45	0.00876	0.0566	0.55	2.9	5.14	10.6	18.6
PCB 121	25	56	<0.0038 to <44	3.24	6.08	0.484	<0.0038	<44	0.00492	0.0222	0.191	0.55	2.8	10.4	18.2
PCB 122	25	12	<0.016 to <1.3	19.9	22.6	3.62	0.0058	73	0.009	0.0638	0.65	12.7	44.5	51.4	54.6
PCB 123	25	0	NA	22.4	25.3	5.79	0.01	83	0.035	0.253	2.5	11.9	45	59.4	61.6
PCB 126	25	28	<12 to <97	9.12	13.2	2	0.01	<97	0.0246	0.0886	0.506	2.31	10.5	29.7	35.2
PCB 127	25	52	<0.0047 to <50	4.17	6.79	0.723	<0.0047	<50	0.0059	0.0265	0.12	1.14	3.51	11.9	20.9
PCB 128 & 166	25	0	NA	206	219	59	0.13	820	0.298	1.81	30	113	330	515	528
PCB 129 & 138 & 163	25	0	NA	1460	1520	458	0.97	5900	2.54	16.7	250	938	2210	3440	3730
PCB 130	25	0	NA	75.3	78.7	21.6	0.043	300	0.0884	0.542	13	56.6	120	172	203
PCB 131	25	40	<0.0043 to <15	9.95	13.6	1.76	<0.0043	55	0.0076	0.0348	0.438	4.97	16.4	23.6	34.6
PCB 132	25	0	NA	364	425	73.6	0.058	1700	0.154	0.622	31	190	540	857	1060
PCB 133	25	0	NA	17.9	15	7.03	0.021	54	0.0568	0.352	4.1	19.9	25	37.6	39.7
PCB 134 & 143	25	4	<0.035	52.8	62.3	9.84	0.0082	240	0.0188	0.0664	4.73	30	83	118	169
PCB 135 & 151	25	0	NA	439	495	111	0.11	2100	0.276	1.54	62	260	620	941	1230
PCB 136	25	0	NA	128	164	22.1	0.018	670	0.0402	0.103	10.1	80.1	170	284	444
PCB 137	25	0	NA	42.3	48.6	10.7	0.018	190	0.0486	0.247	3.47	24	74	97.6	124
PCB 139 & 140	25	4	<0.029	14.2	14.9	3.68	0.0059	52	0.0133	0.0487	1.9	11	21	31.2	44.8
PCB 141	25	0	NA	215	254	48	0.042	1000	0.126	0.618	26	130	330	494	685
PCB 142	25	96	<0.004 to <35	2.36	4.44	0.319	<0.004	<35	0.00716	0.0174	0.065	0.27	2.25	7.1	11.9
PCB 144	25	4	<0.03	41	56.2	7.58	0.008	240	0.0166	0.0618	2.89	24	57.6	84	146
PCB 145	25	84	<0.0025 to <24	1.6	3.06	0.163	<0.0025	<24	0.00321	0.00623	0.0187	0.175	1.55	4.82	8.2
PCB 146	25	0	NA	176	175	61.9	0.17	730	0.422	2.65	41	162	260	376	420
PCB 147 & 149	25	0	NA	1000	1120	242	0.21	4600	0.604	3.38	79	646	1400	2180	2930
PCB 148	25	44	<0.0035 to <32	3.82	4	1.16	<0.0035	<32	0.00636	0.0286	0.768	3.18	5.5	8.26	11.4
PCB 150	25	52	<0.0024 to <22	2.05	2.7	0.534	<0.0024	<22	0.00424	0.0192	0.176	1.45	2.25	4.47	7.73
PCB 152	25	64	<0.0024 to <24	1.91	2.95	0.416	<0.0024	<24	0.00442	0.0199	0.155	0.65	1.92	4.73	8.19
PCB 153 & 168	25	0	NA	1060	1100	352	0.87	4500	2.16	14.5	210	827	1500	2330	2790
PCB 154	25	0	NA	14.8	12.3	4.75	0.007	36	0.0212	0.1	2.89	17.5	24.6	30.6	31.8
PCB 155	25	80	<0.0027 to <19	1.13	2.27	0.149	<0.0027	<19	0.00402	0.0095	0.0415	0.1	1.05	3.36	5.52
PCB 156 & 157	25	0	NA	180	193	50.5	0.08	720	0.264	2.02	25.1	100	330	421	461
PCB 158	25	0	NA	103	117	27.9	0.056	460	0.142	0.698	13.1	65.5	150	226	310
PCB 159	25	44	<0.0013 to <4.8	8.15	11.6	1.06	<0.0013	37.5	0.00133	0.00623	0.435	2.15	13.4	26.4	34.2

Table 42. Summary of soil chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 160	25	100	<0.0031 to <28	1.9	3.58	0.233	<0.0031	<28	0.00556	0.0132	0.0435	0.205	1.8	5.8	9.6
PCB 161	25	100	<0.0027 to <25	1.68	3.18	0.208	<0.0027	<25	0.0049	0.0117	0.038	0.185	1.6	4.88	8.6
PCB 162	25	0	NA	3.12	4.3	0.944	0.0042	20	0.0103	0.0456	0.51	1.68	4.9	6.56	8.62
PCB 164	25	0	NA	90.8	96.6	24.8	0.037	370	0.084	0.524	16	52.1	139	217	244
PCB 165	25	48	<0.0031 to <29	2.63	3.46	0.823	<0.0031	<29	0.0092	0.036	0.524	1.8	2.48	5.8	10
PCB 167	25	0	NA	49.3	52.7	15.6	0.037	210	0.113	0.768	8.66	28.8	81	111	127
PCB 169	25	88	<0.0015 to <8	0.729	1.1	0.14	<0.0015	<8	0.00149	0.00695	0.05	0.225	0.992	2.31	3.03
PCB 170	25	0	NA	262	283	88.2	0.24	1200	0.78	4.34	52.4	202	385	569	668
PCB 171 & 173	25	0	NA	72.5	81.2	22.9	0.058	350	0.16	0.72	13.7	61.3	95	143	205
PCB 172	25	0	NA	43	45.1	15.4	0.059	190	0.138	0.79	10.5	37.6	60	91.2	114
PCB 174	25	0	NA	351	397	105	0.18	1700	0.506	3.03	78	213	500	702	1020
PCB 175	25	0	NA	8.4	10.4	2.37	0.0078	45	0.0162	0.0502	1.02	7.13	12	14.9	27.9
PCB 176	25	0	NA	30.2	36.2	7.21	0.011	150	0.0246	0.0786	3.34	26.7	41.3	58.7	100
PCB 177	25	0	NA	194	194	69.1	0.16	820	0.486	2.94	57	155	280	390	495
PCB 178	25	0	NA	76.8	71.9	31.3	0.11	310	0.306	1.92	23	69.3	110	150	182
PCB 179	25	0	NA	157	173	46.8	0.08	730	0.2	1.01	37	107	230	304	471
PCB 180 & 193	25	0	NA	582	661	189	0.41	2900	1.5	9.46	110	400	801	1170	1600
PCB 181	25	28	<0.00078 to <2.4	1.45	1.51	0.486	<0.00078	4.73	0.00564	0.039	0.325	0.752	2.49	3.75	4.61
PCB 182	25	0	NA	1.79	1.92	0.617	0.0038	7.5	0.00688	0.0284	0.261	1.52	2.43	4.32	5.4
PCB 183	25	0	NA	123	144	36.5	0.098	610	0.246	0.922	17.9	95	168	245	387
PCB 184	25	88	<0.00072 to <1.2	0.114	0.153	0.0321	0.00055	<1.2	0.0006	0.0019	0.012	0.048	0.164	0.334	0.372
PCB 185	25	8	<0.0068 to <0.079	34.6	44.8	6.36	<0.0068	200	0.0199	0.0457	6.3	22	52.3	59.3	108
PCB 186	25	92	<0.00049 to <1.1	0.106	0.144	0.0271	<0.00049	<1.1	0.000422	0.00149	0.0085	0.05	0.11	0.321	0.361
PCB 187	25	0	NA	463	468	174	0.6	2000	1.54	9.34	110	387	690	910	1220
PCB 188	25	28	<0.21 to <1.1	0.342	0.333	0.152	0.0016	1.4	0.0024	0.00768	0.14	0.215	0.541	0.688	0.913
PCB 189	25	0	NA	12.5	12.6	4.32	0.012	50	0.035	0.236	2.51	9.88	20	27.7	29.6
PCB 190	25	0	NA	64.5	62.7	24.9	0.062	260	0.236	1.72	22	44	93.3	144	149
PCB 191	25	0	NA	7.87	8.68	2.45	0.0061	37	0.0196	0.0924	1.08	6.8	13	15.7	20.8
PCB 192	25	96	<0.00072 to <2.1	0.201	0.281	0.0508	<0.00072	<2.1	0.00086	0.00306	0.017	0.055	0.255	0.524	0.83
PCB 194	25	0	NA	175	188	59.2	0.19	800	0.488	2.7	37.2	140	250	368	450
PCB 195	25	0	NA	68.1	69.2	23.7	0.052	300	0.156	1.04	16	55	100	143	157
PCB 196	25	0	NA	68.9	77.7	22.2	0.12	340	0.18	0.748	10.3	60	89.1	137	188
PCB 197	25	4	<4.2	3.13	3.81	1.02	0.0071	16	0.00896	0.0416	0.36	2.1	4.4	5.79	10.9
PCB 198 & 199	25	0	NA	286	283	112	0.93	1200	1.12	5.76	73	244	422	583	694
PCB 200	25	0	NA	31.9	34.7	10.1	0.029	150	0.0552	0.29	6.2	22.6	50.4	58.9	87.1
PCB 201	25	0	NA	23.5	27.4	7.43	0.049	120	0.0528	0.21	3.47	21.5	29	42.9	70.3

Table 42. Summary of soil chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 202	25	0	NA	78.4	76.9	32.3	0.3	330	0.402	1.66	20	68.9	110	159	192
PCB 203	25	0	NA	178	178	67.5	0.35	760	0.584	3.54	46	150	270	366	426
PCB 204	25	72	<0.0015 to <1.5	0.135	0.182	0.0477	<0.0015	<1.5	0.00167	0.00621	0.016	0.07	0.13	0.345	0.467
PCB 205	25	0	NA	10	9.81	3.83	0.014	42	0.0328	0.222	2.7	7.91	15.4	19.7	23.2
PCB 206	25	0	NA	267	243	113	1.4	960	1.92	6.24	62	272	420	528	588
PCB 207	25	0	NA	18.1	18.1	7.27	0.06	79	0.146	0.35	3.79	18.9	25	33.5	43.6
PCB 208	25	0	NA	87.2	78.5	38.1	0.38	310	0.82	2.3	21	87.5	130	181	198
PCB 209	25	0	NA	183	173	81.9	0.91	692	2.36	5.68	46	164	280	369	484
Total PCBs - Homologs	25	0	NA	16600	18200	5020	18.9	72400	29.8	164	2140	10500	26200	37700	46900
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	26	30.8	<0.000102 to <0.000199	0.000463	0.0004	0.000286	<0.000102	0.00165	0.0000511	0.0000603	0.0000954	0.000378	0.000708	0.000897	0.00101
Total TCDD	26	11.5	<0.000138 to <0.000188	0.00724	0.0189	0.00177	<0.000138	0.0983	0.0000865	0.000124	0.000612	0.0027	0.0065	0.00922	0.0135
1,2,3,7,8-PeCDD	26	3.85	<0.000133	0.00146	0.00163	0.000845	<0.000133	0.0081	0.00016	0.000191	0.000389	0.00107	0.00204	0.00261	0.00289
Total PeCDD	26	3.85	<0.000133	0.0211	0.053	0.00625	<0.000133	0.277	0.000285	0.000605	0.00353	0.00896	0.0192	0.0245	0.0271
1,2,3,4,7,8-HxCDD	26	0	NA	0.00251	0.00298	0.00171	0.000411	0.0158	0.000452	0.000535	0.000937	0.00183	0.00313	0.00379	0.00447
1,2,3,6,7,8-HxCDD	26	0	NA	0.00907	0.009	0.00563	0.000579	0.0429	0.000773	0.00126	0.00262	0.00757	0.0113	0.0172	0.0208
1,2,3,7,8,9-HxCDD	26	0	NA	0.00841	0.0102	0.0055	0.00114	0.0535	0.00132	0.00162	0.00279	0.00544	0.0107	0.0127	0.0146
Total HxCDD	26	0	NA	0.0857	0.121	0.0522	0.0085	0.642	0.0113	0.0161	0.025	0.0575	0.0996	0.126	0.147
1,2,3,4,6,7,8-HpCDD	26	0	NA	0.206	0.121	0.167	0.0369	0.432	0.0592	0.0663	0.0864	0.195	0.302	0.368	0.42
Total HpCDD	26	0	NA	0.412	0.232	0.341	0.0898	0.848	0.125	0.139	0.196	0.386	0.608	0.712	0.794
Total OCDD	26	0	NA	2.67	0.911	2.52	1.2	5.09	1.4	1.52	2.13	2.61	3.05	3.76	4.28
2,3,7,8-TCDF	26	3.85	<0.0059	0.038	0.0429	0.017	0.000385	0.202	0.000518	0.00136	0.0098	0.0303	0.0501	0.0738	0.102
Total TCDF	26	0	NA	0.332	0.447	0.108	0.00139	1.69	0.00181	0.00635	0.0501	0.165	0.442	0.804	1.41
1,2,3,7,8-PeCDF	26	7.69	<0.000134 to <0.000143	0.0255	0.0281	0.00964	<0.000134	0.116	0.000126	0.000545	0.0063	0.0178	0.0341	0.0523	0.0812
2,3,4,7,8-PeCDF	26	3.85	<0.0658	0.0642	0.0672	0.0216	0.000162	0.211	0.000251	0.000923	0.01	0.0324	0.118	0.159	0.196
Total PeCDF	26	0	NA	0.461	0.481	0.155	0.00103	1.61	0.00152	0.00621	0.0753	0.299	0.75	1.14	1.43
1,2,3,4,7,8-HxCDF	26	0	NA	0.125	0.134	0.0467	0.000383	0.519	0.0006	0.00242	0.0263	0.0846	0.169	0.28	0.407
1,2,3,6,7,8-HxCDF	26	7.69	<0.035 to <0.048	0.0265	0.0288	0.0106	0.000147	0.107	0.000209	0.000731	0.00555	0.0172	0.039	0.0621	0.0884
1,2,3,7,8,9-HxCDF	26	19.2	<0.000106 to <0.00319	0.0028	0.00348	0.00121	<0.000106	0.0135	0.000065	0.000154	0.000531	0.00146	0.00337	0.00692	0.0105
2,3,4,6,7,8-HxCDF	26	3.85	<0.000121	0.0146	0.0142	0.00609	0.000109	0.0482	0.00014	0.000499	0.003	0.0106	0.0234	0.0331	0.0433
Total HxCDF	26	0	NA	0.325	0.34	0.137	0.0018	1.25	0.00287	0.0126	0.073	0.227	0.465	0.757	1.07

Table 42. Summary of soil chemistry data collected in AOI-2 at the Anniston PCB Site.

Chemical of Potential Concern	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW; cont.)															
1,2,3,4,6,7,8-HpCDF	26	23.1	<0.0471 to <0.174	0.0972	0.0945	0.0507	0.00162	0.329	0.00222	0.0086	0.0325	0.06	0.155	0.229	0.296
1,2,3,4,7,8,9-HpCDF	26	3.85	<0.000167	0.0401	0.0472	0.0137	<0.000167	0.165	0.000199	0.00126	0.00595	0.0228	0.0542	0.111	0.146
Total HpCDF	26	0	NA	0.237	0.239	0.117	0.00278	0.845	0.00448	0.0172	0.0643	0.158	0.331	0.578	0.739
Total OCDF	26	15.4	<0.0228 to <0.475	0.198	0.186	0.0951	0.00228	0.685	0.00235	0.00691	0.0535	0.139	0.265	0.433	0.599

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.

Table 43. Summary of soil chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Conc	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Conventionals															
Clay (%)	80	0	NA	14.2	6.23	12.9	2.4	36.9	6.15	7.68	10.5	12.5	18.2	21.6	24.1
Silt (%)	80	0	NA	55.6	16.2	53	18.9	82.6	31.3	33.8	41.6	57.9	69.8	75.7	78.2
Fines (silt+clay; %)	80	0	NA	69.8	19.9	66.7	24	98.2	41.4	43	54.5	70.7	87.6	96.8	97.6
Gravel (%)	80	0	NA	0.406	1.29	NA	0	6.9	0	0	0	0	0.025	0.51	3.22
Sand (%)	80	0	NA	29.8	19.6	20.6	1.8	76	2.4	3.18	12.3	29	45.6	55.6	58.1
Solids (%)	80	0	NA	83.8	9.87	83.2	59	99.5	70.3	73.1	76.7	81.3	93.1	98	99
Phosphorus (mg/kg)	80	0	NA	582	257	524	144	1540	237	260	406	535	728	930	1030
Total Organic Carbon (%)	80	0	NA	2.48	1.01	2.26	0.36	5.4	1.09	1.29	1.8	2.4	3.1	3.7	4.5
Metals (mg/kg DW)															
Aluminum	80	0	NA	10700	3470	10200	3350	23100	6140	6540	8080	10500	12900	14700	15800
Antimony	80	87.5	<0.1 to <0.25	0.0954	0.0668	0.081	<0.1	0.484	0.05	0.05	0.05	0.05	0.125	0.135	0.155
Arsenic	80	0	NA	4.87	3.14	4.25	1.01	21.4	2.16	2.58	3.2	3.91	4.96	8.65	10.5
Barium	80	0	NA	117	42.4	109	25.3	321	60.9	62.6	88.6	117	140	155	175
Beryllium	80	1.25	<0.25	0.706	0.24	0.661	0.245	1.59	0.32	0.435	0.554	0.7	0.83	0.942	1.08
Cadmium	80	25	<0.1 to <0.25	0.622	1.32	0.307	<0.1	10.3	0.0994	0.119	0.125	0.237	0.713	1.02	1.33
Calcium	80	0	NA	2400	2290	1760	205	16300	420	679	1230	1890	2760	4340	5610
Chromium	80	0	NA	19.5	9.67	17.3	6.4	49.9	7.89	9.59	12.3	17.2	24.3	31.6	38.3
Cobalt	80	0	NA	10.2	4.01	9.55	2.56	34.9	5.86	6.59	8.37	9.64	11.8	13.7	14.8
Copper	80	0	NA	35.2	74.5	21.9	3.92	672	7.25	8.1	12.1	22.2	41.2	54.5	62.6
Iron	80	0	NA	19500	8660	18200	4990	68600	8900	12600	16300	18800	20500	23000	31600
Lead	80	0	NA	70.3	125	42	6.05	820	15.4	18.3	23.1	34.9	75.7	135	142
Magnesium	80	0	NA	1270	1010	1080	240	8540	413	517	874	1170	1410	1640	2050
Manganese	80	0	NA	781	355	682	62.8	1690	208	305	590	785	953	1220	1490
Mercury	42	0	NA	1.53	1.85	0.636	0.0483	8.39	0.0647	0.07	0.159	0.886	2.04	4	5.36
Molybdenum	80	2.5	<0.25	0.478	0.468	0.401	0.183	4.13	0.221	0.254	0.296	0.366	0.497	0.718	0.98
Nickel	80	0	NA	12.4	9.38	10.7	2.71	79.8	4.81	6.21	8.24	10.7	14	18	20
Potassium	80	0	NA	722	275	663	191	1470	275	316	591	731	852	1040	1120
Selenium	80	0	NA	0.626	0.202	0.594	0.164	1.2	0.377	0.391	0.496	0.599	0.739	0.848	1.07
Silver	80	53.8	<0.1 to <0.25	0.253	0.33	0.158	<0.1	1.86	0.05	0.05	0.103	0.125	0.301	0.441	0.721
Sodium	80	0	NA	30.4	19	27.5	12.9	139	15	18	21.6	26.4	32.5	39	49.8
Thallium	80	30	<0.1 to <0.25	0.198	0.0863	0.18	<0.1	0.44	0.108	0.125	0.125	0.172	0.258	0.323	0.342
Vanadium	80	0	NA	20.8	10.5	18.8	5.84	60.7	10	11.2	14.1	18	23.3	32.8	38.7
Zinc	80	0	NA	166	346	94.7	15.2	2720	26.8	33.9	55.1	84.7	155	268	281

Table 43. Summary of soil chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Conc	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Polychlorinated Biphenyls (PCBs; µg/kg DW)															
Aroclor 1016	80	100	<1 to <3.06	1.01	0.339	0.945	<1	<3.06	0.505	0.525	0.62	1.1	1.32	1.36	1.42
Aroclor 1221	80	100	<1 to <3.19	1.04	0.365	0.971	<1	<3.19	0.505	0.525	0.62	1.15	1.38	1.42	1.48
Aroclor 1232	80	100	<1 to <3.19	1.04	0.365	0.971	<1	<3.19	0.505	0.525	0.62	1.15	1.38	1.42	1.48
Aroclor 1242	80	100	<1 to <3.19	1.04	0.365	0.971	<1	<3.19	0.505	0.525	0.62	1.15	1.38	1.42	1.48
Aroclor 1248	80	8.75	<1.42 to <3.18	2980	8100	151	<1.42	54300	1.38	2.68	17.7	215	841	8280	16300
Aroclor 1254	80	3.75	<2.77 to <3.18	5940	13800	469	<2.77	88100	3.62	6.91	56.9	721	3360	19000	32400
Aroclor 1260	80	1.25	<2.81	3060	6180	481	<2.81	41100	5.6	10.2	106	699	2940	8900	13300
Total PCBs - Aroclors	80	1.25	<19.7	12000	27900	1260	13.5	184000	17	28.3	223	1820	8490	34400	62700
PCB 001	26	0	NA	24.4	22.2	9.47	0.0071	78.8	0.14	0.76	7.75	18.1	35	52.9	70.9
PCB 002	26	3.85	<2.1	1.8	1.76	0.809	0.0025	7.37	0.0193	0.117	0.877	1.34	2.14	4.46	4.8
PCB 003	26	0	NA	23.3	20.3	9.44	0.0066	82.4	0.148	0.82	10	19.4	31.7	49.6	51.4
PCB 004	26	3.85	<0.012	18.6	18.4	6.69	<0.012	73.4	0.0678	0.495	4.4	12	27.7	41.6	49
PCB 005	26	84.6	<0.0063 to <11	0.867	1.31	0.2	<0.0063	<11	0.00335	0.00508	0.0555	0.285	1.26	2.48	3.15
PCB 006	26	11.5	<0.0074 to <11	6.74	5.69	2.81	<0.0074	18.4	0.0378	0.304	1.93	5.02	9.97	14.3	16.8
PCB 007	26	34.6	<0.0069 to <11	1.47	1.35	0.616	0.0064	<11	0.0078	0.061	0.46	1.3	2.3	2.95	3.62
PCB 008	26	3.85	<0.0072	25.5	21.4	10.2	<0.0072	71.1	0.145	0.96	10.1	19.1	43.2	58.3	61.5
PCB 009	26	38.5	<0.0078 to <12	1.64	1.57	0.693	<0.0078	<12	0.0109	0.075	0.625	1.05	2.49	3.33	4.72
PCB 010	26	34.6	<0.0033 to <2.8	0.865	0.944	0.305	<0.0033	3.8	0.00326	0.0226	0.18	0.513	1.36	2.04	2.54
PCB 011	26	50	<0.38 to <12	1.06	1.38	0.45	0.0088	<12	0.018	0.0745	0.251	0.47	1.25	2.75	3.49
PCB 012 & 013	26	23.1	<0.0077 to <12	5.34	4.96	2.32	<0.0077	18	0.0358	0.316	1.99	4.08	7	13	16.2
PCB 014	26	100	<0.0055 to <10	0.66	1.22	0.0959	<0.0055	<10	0.00284	0.00308	0.017	0.1	0.486	2.3	2.95
PCB 015	26	0	NA	86.7	71.1	34.4	0.033	240	0.318	2.78	31.5	84.4	119	185	221
PCB 016	26	0	NA	5.92	6.21	2.03	0.002	26.5	0.017	0.135	1.6	4.08	8.58	12.3	15.9
PCB 017	26	0	NA	10.4	10.7	3.55	0.0027	41.7	0.0258	0.209	2.83	7.81	14.5	25.4	29.8
PCB 018 & 030	26	0	NA	14.2	13.4	4.98	0.0046	55.6	0.0368	0.298	3.48	11.7	21.3	28.1	33.9
PCB 019	26	3.85	<0.0015	5.19	6.12	1.57	<0.0015	23.9	0.0134	0.102	1.14	3.02	7.2	11.8	18.5
PCB 020 & 028	26	0	NA	99.4	85	32.2	0.023	253	0.155	1.48	19.4	97.7	140	227	236
PCB 021 & 033	26	0	NA	13	12.5	4.61	0.0056	52.8	0.035	0.267	3.27	10.6	17.4	28.4	30.8
PCB 022	26	0	NA	17.7	16.1	5.82	0.0048	58.6	0.0325	0.316	3.6	14.6	25.4	39.3	45.2
PCB 023	26	100	<0.0012 to <6.5	0.557	0.922	0.0766	<0.0012	<6.5	0.00144	0.00173	0.0159	0.0725	0.669	1.93	2.63
PCB 024	26	80.8	<0.0008 to <0.63	0.0844	0.0913	0.0303	<0.0008	<0.63	0.000458	0.00299	0.00978	0.0588	0.14	0.195	0.286
PCB 025	26	0	NA	11.4	9.46	3.97	0.0017	28.4	0.023	0.228	2.83	10.5	21.3	24.3	24.8
PCB 026 & 029	26	0	NA	19.2	17	6.67	0.0042	58.6	0.035	0.349	4.88	14.7	29.7	42.9	49.1
PCB 027	26	0	NA	6.68	7.46	1.64	0.0012	25	0.0102	0.057	0.851	2.48	11.8	16.5	20.1
PCB 031	26	0	NA	68.3	59.4	23.4	0.017	187	0.109	1.15	18.2	50	96.7	156	182

Table 43. Summary of soil chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Conc	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 032	26	0	NA	14.3	14.2	3.89	0.0021	45.1	0.0185	0.131	2.09	11.7	24.9	34.6	38.3
PCB 034	26	57.7	<0.0013 to <7.2	0.745	0.972	0.189	<0.0013	<7.2	0.0015	0.00608	0.0808	0.423	0.838	2.1	2.9
PCB 035	26	38.5	<0.0015 to <8.3	1.56	1.3	0.551	<0.0015	<8.3	0.00246	0.028	0.416	1.61	2.24	3.55	3.87
PCB 036	26	42.3	<0.0013 to <0.73	5.72	9.99	0.258	<0.0013	39	0.00244	0.0051	0.0219	0.243	9.25	16.1	25.2
PCB 037	26	0	NA	87.1	78.1	27.8	0.026	280	0.135	1.46	17.2	71.5	148	190	200
PCB 038	26	84.6	<0.0014 to <8.3	0.75	1.16	0.127	<0.0014	<8.3	0.00161	0.00335	0.0255	0.2	0.885	2.45	3.34
PCB 039	26	46.2	<0.0013 to <7.4	1.02	0.988	0.31	<0.0013	<7.4	0.00154	0.00633	0.201	0.99	1.41	2.18	3
PCB 040 & 041 & 071	13	0	NA	110	119	40.6	2.89	336	3.46	3.94	6.21	57.4	220	269	299
PCB 040 & 071	13	0	NA	149	244	8.31	0.017	760	0.0392	0.063	0.4	47	190	502	646
PCB 041	13	7.69	<0.00071	5.67	10	0.418	<0.00071	34	0.00332	0.00536	0.044	1.9	4.1	16.9	25
PCB 042	26	0	NA	96.3	131	15.1	0.014	500	0.0535	0.215	3.27	34.5	153	238	359
PCB 043	26	26.9	<0.00063 to <1.5	5.22	9.86	0.497	<0.00063	44	0.00343	0.0097	0.0727	0.807	5.69	11.7	22.9
PCB 044 & 047 & 065	26	0	NA	414	605	62.3	0.064	2400	0.253	0.845	13.4	144	626	939	1700
PCB 045	13	0	NA	21.6	39.5	1.17	0.0027	120	0.00708	0.0104	0.078	4	15	82.6	106
PCB 045 & 051	13	0	NA	18.7	18.8	8.91	1.14	57.1	1.25	1.39	1.66	10.7	31.4	42.5	49.2
PCB 046	26	7.69	<0.00066 to <0.61	7.26	13.5	0.889	<0.00066	57	0.00415	0.0188	0.204	2.01	7.55	14.1	36.3
PCB 048	26	0	NA	11.6	11.9	2.78	0.0021	38	0.0143	0.0725	0.814	9.6	17.1	28	35
PCB 049 & 069	26	0	NA	373	463	73	0.057	1800	0.223	0.88	29.1	183	582	932	1230
PCB 050 & 053	26	0	NA	35.6	54.4	5.6	0.0053	220	0.031	0.085	1.24	11.7	45.3	88.4	153
PCB 051	13	0	NA	7.66	12.8	0.568	0.00095	39	0.00698	0.0112	0.047	1	5.8	27.2	33.6
PCB 052	26	0	NA	741	1020	126	0.11	4000	0.355	1.44	50.9	350	1180	1710	2860
PCB 054	26	11.5	<0.00044 to <0.49	0.835	1.08	0.194	<0.00044	3.83	0.0023	0.00675	0.0658	0.246	1.3	2.18	3.02
PCB 055	26	96.2	<0.0014 to <15	1.28	2.2	0.134	<0.0014	<15	0.00146	0.00288	0.0133	0.19	1.47	4.8	6.5
PCB 056	26	0	NA	216	250	40.5	0.031	840	0.096	0.65	11.3	126	412	590	602
PCB 057	26	65.4	<0.0014 to <16	5.25	16.2	0.289	<0.0014	82.9	0.00146	0.00278	0.0299	0.759	2.7	8	11.8
PCB 058	26	80.8	<0.0014 to <16	1.47	2.41	0.167	<0.0014	<16	0.00146	0.00273	0.0243	0.201	1.58	5.25	7.38
PCB 059 & 062 & 075	26	0	NA	30.8	41.2	5.41	0.006	160	0.0218	0.072	1.34	12.5	51.7	68.3	117
PCB 060	26	0	NA	59.1	58.8	15.3	0.013	173	0.0428	0.417	9.67	41	96.2	154	167
PCB 061 & 070 & 074 & 076	26	0	NA	592	617	143	0.099	2000	0.298	3.57	76.1	410	1060	1550	1670
PCB 063	26	0	NA	12.5	12.3	3.37	0.0028	44	0.0083	0.092	2.12	8.9	20.8	28.4	32.1
PCB 064	26	0	NA	179	207	35.3	0.03	720	0.094	0.385	13.3	84.3	288	485	545
PCB 066	26	0	NA	748	854	155	0.12	3100	0.333	3.6	60.7	450	1460	1900	2060
PCB 067	26	23.1	<0.0013 to <15	5.39	5.62	1.37	<0.0013	20	0.00475	0.0422	0.681	3.36	7.69	12.8	15.6
PCB 068	26	19.2	<3.6 to <15	4.16	3.34	1.66	0.0044	<15	0.0142	0.0965	1.13	3.94	7.09	8.26	9.61
PCB 072	26	7.69	<3.8 to <16	6.16	5.46	2.2	0.0051	20	0.0154	0.095	1.35	4.98	10.2	12.8	14.2

Table 43. Summary of soil chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Conc	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 073	26	46.2	<0.0014 to <0.25	2.45	4.51	0.0962	0.0012	16	0.00148	0.00305	0.00825	0.0975	2.21	8.6	11.3
PCB 077	26	0	NA	125	137	30.3	0.03	480	0.099	1.48	12.5	72.4	250	310	325
PCB 078	26	96.2	<0.0016 to <18	2.19	5.56	0.133	<0.0016	27	0.00166	0.003	0.0138	0.15	1.13	6	8.38
PCB 079	26	0	NA	12.7	18.2	2.1	0.0028	76	0.00748	0.037	0.445	6.21	20.5	28.3	45.5
PCB 080	26	96.2	<0.0013 to <15	1.24	2.22	0.116	<0.0013	<15	0.00136	0.00265	0.0121	0.165	0.953	4.88	6.5
PCB 081	26	50	<0.0017 to <23	2.85	3.29	0.709	<0.0017	<23	0.00178	0.0361	0.342	1.51	3.49	7.75	9.88
PCB 082	26	3.85	<0.022	109	145	15.2	0.018	550	0.0308	0.195	2.5	42	204	269	368
PCB 083	13	53.8	<0.0074 to <19	27.6	45.4	1.72	<0.0074	150	0.00688	0.0096	0.09	5	42	80.4	113
PCB 083 & 099	13	0	NA	559	513	298	28.5	1480	44.4	57.4	67.9	480	780	1300	1380
PCB 084	26	0	NA	154	236	18.5	0.021	970	0.0478	0.147	2.89	49.3	244	343	624
PCB 085 & 116 & 117	26	0	NA	191	229	44.2	0.071	890	0.158	0.92	23.5	87.5	355	464	547
PCB 086 & 087 & 097 & 108 & 119 & 125	13	0	NA	705	1050	49.2	0.11	3300	0.23	0.318	2.2	240	1200	2100	2700
PCB 086 & 087 & 097 & 109 & 119 & 125	13	0	NA	576	597	253	16.9	1670	31.2	41.6	66.8	463	877	1440	1540
PCB 088 & 091	26	0	NA	114	142	20.8	0.019	570	0.0608	0.137	7.49	63	169	269	365
PCB 089	26	50	<0.0059 to <69	7.13	9.54	1.2	<0.0059	<69	0.00763	0.0398	0.143	2.82	12	16.4	27.9
PCB 090 & 101 & 113	26	0	NA	932	1170	194	0.17	4700	0.553	3.42	67.2	485	1420	2200	3130
PCB 092	26	0	NA	174	213	39.3	0.036	880	0.11	0.705	18	86.5	266	404	542
PCB 093 & 098 & 100 & 102	13	0	NA	31.8	30.3	14	1.6	79.5	1.69	1.76	3.3	32.5	61.4	72.2	75.8
PCB 093 & 100	13	84.6	<0.0053 to <62	9.64	12	0.995	<0.0053	<62	0.00496	0.0098	0.065	3.95	15.5	27.8	29.2
PCB 094	26	50	<0.0056 to <65	5.89	8.58	1.17	<0.0056	<65	0.0075	0.0395	0.277	2.98	7.25	15	26.1
PCB 095	26	0	NA	609	890	90.5	0.082	3600	0.21	0.72	29.3	290	897	1340	2470
PCB 096	26	7.69	<0.1 to <0.33	3.55	5.36	0.5	0.00054	22	0.00255	0.00565	0.121	1.35	4.69	7.48	15
PCB 098 & 102	13	38.5	<0.0049 to <1.4	23.8	34.8	1.49	<0.0049	100	0.00578	0.0098	0.06	8.1	36	80.8	95.2
PCB 099	13	0	NA	504	713	53.4	0.17	2300	0.284	0.442	4.6	210	860	1380	1820
PCB 103	26	50	<0.0048 to <58	7.04	7.8	1.75	<0.0048	<58	0.0065	0.034	0.748	5.65	11.5	13.6	23.5
PCB 104	26	38.5	<0.00023 to <0.31	0.217	0.298	0.0464	<0.00023	0.976	0.00029	0.001	0.0216	0.0964	0.278	0.696	0.909
PCB 105	26	0	NA	540	600	130	0.18	2000	0.44	4.75	63.4	265	1130	1390	1460
PCB 106	26	100	<0.0047 to <51	3.4	7.06	0.173	<0.0047	<51	0.00464	0.0065	0.0193	0.0825	2.6	11.8	20.8
PCB 107	13	0	NA	73.2	64.8	42	3.65	181	6.48	8.93	13.9	61.7	102	173	177
PCB 107 & 124	13	0	NA	33.3	48.6	3.73	0.014	160	0.0194	0.0292	0.52	12	57	88.6	121
PCB 108 & 124	13	0	NA	36.1	36	18.4	1.64	96.5	3.14	4.14	6.1	28	58.7	92.8	95.5
PCB 109	13	0	NA	70.2	90.4	9.75	0.042	280	0.0696	0.0944	1.8	29	150	174	220
PCB 110 & 115	26	0	NA	1170	1390	231	0.2	5200	0.62	2.74	76.8	555	1940	3020	3560

Table 43. Summary of soil chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Conc	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 111	26	61.5	<0.0038 to <43	3.26	5.76	0.555	<0.0038	<43	0.00499	0.0265	0.222	0.879	2.59	10	17.3
PCB 112	26	100	<0.0015 to <45	2.96	6.2	0.0948	<0.0015	<45	0.00178	0.00248	0.00925	0.0525	2.26	10.3	18.1
PCB 114	26	23.1	<0.0047 to <57	13.6	14.1	3.46	<0.0047	<57	0.0175	0.14	1.85	6.49	28	33.3	35.3
PCB 118	26	0	NA	959	1040	253	0.35	3700	0.95	10.1	142	573	1730	2470	2560
PCB 120	26	38.5	<0.0099 to <45	4.36	5.84	1.2	0.0057	<45	0.00953	0.0655	0.441	2.84	5.01	10.5	18.1
PCB 121	26	53.8	<0.0038 to <44	3.12	5.99	0.439	<0.0038	<44	0.00499	0.0225	0.157	0.51	2.32	10.3	17.8
PCB 122	26	11.5	<0.016 to <1.3	19.2	22.4	3.54	0.0058	73	0.00925	0.0765	0.773	10.3	40.8	51	54.5
PCB 123	26	0	NA	21.7	25.1	5.66	0.01	83	0.0388	0.293	2.54	9.65	43.5	59.1	61.6
PCB 126	26	26.9	<12 to <97	8.81	13.1	1.94	0.01	<97	0.0258	0.1	0.572	2.29	9.75	28.6	35.2
PCB 127	26	50	<0.0047 to <50	4.02	6.7	0.68	<0.0047	<50	0.006	0.0313	0.127	1.11	3.43	11.8	20.4
PCB 128 & 166	26	0	NA	199	218	56.9	0.13	820	0.31	2.15	24.3	112	329	513	528
PCB 129 & 138 & 163	26	0	NA	1410	1510	439	0.97	5900	2.7	19.6	205	854	2180	3440	3710
PCB 130	26	0	NA	72.7	78.2	20.7	0.043	300	0.0935	0.635	9.05	50.3	118	172	201
PCB 131	26	38.5	<0.0043 to <15	9.61	13.4	1.74	<0.0043	55	0.00825	0.039	0.474	3.99	15.7	23.3	34
PCB 132	26	0	NA	351	422	71.6	0.058	1700	0.155	0.735	32	188	535	852	1050
PCB 133	26	0	NA	17.3	15	6.62	0.021	54	0.0633	0.4	3.58	15.7	24.9	37.4	39.7
PCB 134 & 143	26	3.85	<0.035	50.9	61.8	9.52	0.0082	240	0.0191	0.077	4.31	26.5	80.8	117	166
PCB 135 & 151	26	0	NA	423	492	106	0.11	2100	0.29	1.8	43	255	615	936	1220
PCB 136	26	0	NA	124	162	21.6	0.018	670	0.0405	0.118	10.3	73.1	167	281	435
PCB 137	26	0	NA	40.9	48.2	10.5	0.018	190	0.0513	0.286	4.05	21.8	71.2	97.4	122
PCB 139 & 140	26	3.85	<0.029	13.7	14.8	3.57	0.0059	52	0.0134	0.0573	1.77	9.35	20.6	31	44
PCB 141	26	0	NA	208	251	46.9	0.042	1000	0.133	0.715	25.5	114	326	492	673
PCB 142	26	96.2	<0.004 to <35	2.27	4.37	0.296	<0.004	<35	0.00778	0.0175	0.0575	0.26	2	7	11.6
PCB 144	26	3.85	<0.03	39.6	55.6	7.44	0.008	240	0.017	0.0715	3.08	21.5	55.2	82.8	142
PCB 145	26	80.8	<0.0025 to <24	1.54	3.01	0.155	<0.0025	<24	0.00326	0.00678	0.0229	0.168	1.38	4.78	8
PCB 146	26	0	NA	170	174	59.1	0.17	730	0.455	3.08	29.8	128	253	376	417
PCB 147 & 149	26	0	NA	969	1120	232	0.21	4600	0.635	3.95	80.1	603	1390	2170	2880
PCB 148	26	42.3	<0.0035 to <32	3.68	3.99	1.05	<0.0035	<32	0.0069	0.032	0.597	2.84	5.5	8.05	11.3
PCB 150	26	50	<0.0024 to <22	1.97	2.67	0.495	<0.0024	<22	0.0046	0.0215	0.164	1.42	2.18	4.43	7.54
PCB 152	26	61.5	<0.0024 to <24	1.84	2.91	0.39	<0.0024	<24	0.0048	0.0223	0.124	0.563	1.9	4.68	7.99
PCB 153 & 168	26	0	NA	1020	1090	336	0.87	4500	2.33	16.9	173	714	1490	2320	2760
PCB 154	26	0	NA	14.2	12.4	4.39	0.007	36	0.0233	0.112	2.6	13.1	24.3	30.5	31.7
PCB 155	26	80.8	<0.0027 to <19	1.09	2.24	0.132	<0.0027	<19	0.00411	0.0065	0.0381	0.0975	0.888	3.3	5.4
PCB 156 & 157	26	0	NA	174	192	48.4	0.08	720	0.275	2.42	22	94	322	421	458
PCB 158	26	0	NA	100	116	27.1	0.056	460	0.148	0.815	13.2	63.8	149	226	305
PCB 159	26	42.3	<0.0013 to <4.8	7.87	11.5	1.05	<0.0013	37.5	0.00138	0.00728	0.476	1.83	12.6	25.8	33.9

Table 43. Summary of soil chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Conc	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 160	26	100	<0.0031 to <28	1.82	3.53	0.216	<0.0031	<28	0.00603	0.0133	0.0416	0.203	1.59	5.75	9.38
PCB 161	26	100	<0.0027 to <25	1.61	3.14	0.193	<0.0027	<25	0.00531	0.0118	0.0376	0.18	1.41	4.85	8.38
PCB 162	26	0	NA	3.01	4.25	0.91	0.0042	20	0.0113	0.0505	0.447	1.59	4.53	6.52	8.5
PCB 164	26	0	NA	87.6	96	23.8	0.037	370	0.0875	0.62	12.3	51.6	137	217	242
PCB 165	26	50	<0.0031 to <29	2.53	3.43	0.728	<0.0031	<29	0.0106	0.0328	0.439	1.75	2.42	5.75	9.75
PCB 167	26	0	NA	47.6	52.3	15	0.037	210	0.123	0.89	7.34	28.4	79.4	111	126
PCB 169	26	88.5	<0.0015 to <8	0.702	1.08	0.128	<0.0015	<8	0.00154	0.00813	0.0241	0.223	0.919	2.3	2.99
PCB 170	26	0	NA	253	281	84.4	0.24	1200	0.813	5.1	50.6	176	384	566	662
PCB 171 & 173	26	0	NA	70.1	80.5	22	0.058	350	0.163	0.85	11.7	51.7	94.2	142	202
PCB 172	26	0	NA	41.5	44.8	14.9	0.059	190	0.145	0.925	9.23	31.8	59.8	91.1	113
PCB 174	26	0	NA	339	394	101	0.18	1700	0.528	3.58	62.3	212	490	699	1000
PCB 175	26	0	NA	8.13	10.3	2.31	0.0078	45	0.0163	0.0585	1.06	6.22	11.4	14.8	27.1
PCB 176	26	0	NA	29.1	35.9	6.99	0.011	150	0.025	0.0905	3.3	22.4	40.2	58	97.8
PCB 177	26	0	NA	187	193	65.8	0.16	820	0.508	3.47	45.8	138	278	389	489
PCB 178	26	0	NA	74.2	71.7	29.8	0.11	310	0.333	2.22	20.8	59.2	108	150	181
PCB 179	26	0	NA	152	172	44.8	0.08	730	0.205	1.19	25	102	226	301	462
PCB 180 & 193	26	0	NA	563	655	183	0.41	2900	1.6	11.1	99.5	365	788	1160	1580
PCB 181	26	26.9	<0.00078 to <2.4	1.4	1.5	0.477	<0.00078	4.73	0.00598	0.046	0.307	0.701	2.31	3.66	4.58
PCB 182	26	0	NA	1.73	1.9	0.6	0.0038	7.5	0.0072	0.0325	0.268	1.46	2.39	4.25	5.35
PCB 183	26	0	NA	119	143	35.8	0.098	610	0.248	1.09	18.2	84	164	243	379
PCB 184	26	84.6	<0.00072 to <1.2	0.112	0.15	0.0328	0.00055	<1.2	0.000613	0.00218	0.0123	0.053	0.151	0.333	0.37
PCB 185	26	11.5	<0.0068 to <0.079	33.3	44.4	5.12	<0.0068	200	0.0171	0.0315	2.03	20	51.3	59.3	105
PCB 186	26	92.3	<0.00049 to <1.1	0.102	0.143	0.0258	<0.00049	<1.1	0.000443	0.00168	0.00775	0.047	0.104	0.32	0.359
PCB 187	26	0	NA	447	466	167	0.6	2000	1.63	11	97.3	334	673	907	1210
PCB 188	26	26.9	<0.21 to <1.1	0.334	0.328	0.152	0.0016	1.4	0.00255	0.0084	0.141	0.21	0.511	0.685	0.9
PCB 189	26	0	NA	12	12.5	4.11	0.012	50	0.037	0.279	2.28	8.44	19.9	27.7	29.5
PCB 190	26	0	NA	62.2	62.5	23.5	0.062	260	0.255	2.02	19.8	41	93	143	149
PCB 191	26	0	NA	7.61	8.62	2.36	0.0061	37	0.0205	0.107	1.04	5.6	12.3	15.6	20.6
PCB 192	26	96.2	<0.00072 to <2.1	0.194	0.278	0.049	<0.00072	<2.1	0.000875	0.00355	0.0179	0.052	0.251	0.518	0.813
PCB 194	26	0	NA	169	186	57.9	0.19	800	0.51	3.17	34	120	245	367	445
PCB 195	26	0	NA	65.8	68.8	22.7	0.052	300	0.163	1.23	13	47.5	97.3	143	156
PCB 196	26	0	NA	67	76.7	22.2	0.12	340	0.18	0.89	10.5	50.5	87.7	136	186
PCB 197	26	3.85	<4.2	3.04	3.76	1.01	0.0071	16	0.00915	0.049	0.428	1.9	4.33	5.63	10.6
PCB 198 & 199	26	0	NA	280	279	113	0.93	1200	1.15	6.8	77.7	202	414	581	688
PCB 200	26	0	NA	31	34.4	9.9	0.029	150	0.0553	0.348	6.25	21.8	49.3	58.9	85.3
PCB 201	26	0	NA	23	27	7.49	0.049	120	0.0535	0.247	3.58	17.8	29	42.7	68.7

Table 43. Summary of soil chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Conc	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
PCBs (µg/kg DW; cont.)															
PCB 202	26	0	NA	77.7	75.4	33	0.3	330	0.413	1.94	23.1	64	108	159	190
PCB 203	26	0	NA	174	176	67.4	0.35	760	0.6	4.22	48.7	125	263	365	423
PCB 204	26	69.2	<0.0015 to <1.5	0.141	0.18	0.0511	<0.0015	<1.5	0.00178	0.00693	0.016	0.0775	0.179	0.343	0.46
PCB 205	26	0	NA	9.71	9.75	3.72	0.014	42	0.0348	0.262	2.25	6.91	15.3	19.7	23
PCB 206	26	0	NA	275	241	119	1.4	960	1.95	7.2	62.4	274	465	526	585
PCB 207	26	0	NA	18.7	18.1	7.72	0.06	79	0.148	0.395	4.04	19.7	25.8	34.3	43.2
PCB 208	26	0	NA	91.8	80.3	40.6	0.38	310	0.838	2.6	22	90.4	136	195	205
PCB 209	26	0	NA	205	205	89.2	0.91	766	2.4	6.35	48	167	283	445	647
Total PCBs - Homologs	26	0	NA	16200	18000	5010	18.9	72400	30.9	194	2360	9860	25300	37500	46300
Dioxins and Furans (µg/kg DW)															
2,3,7,8-TCDD	27	29.6	<0.000102 to <0.000199	0.000503	0.000444	0.000305	<0.000102	0.00165	0.0000512	0.000062	0.0000968	0.000437	0.000725	0.000971	0.00139
Total TCDD	27	11.1	<0.000138 to <0.000188	0.0074	0.0186	0.0019	<0.000138	0.0983	0.000087	0.000129	0.000616	0.00314	0.007	0.0108	0.0137
1,2,3,7,8-PeCDD	27	3.7	<0.000133	0.00158	0.00171	0.000899	<0.000133	0.0081	0.000162	0.000191	0.000397	0.00135	0.00208	0.00281	0.00408
Total PeCDD	27	3.7	<0.000133	0.0223	0.0523	0.00677	<0.000133	0.277	0.000303	0.000614	0.00364	0.0095	0.0206	0.0262	0.046
1,2,3,4,7,8-HxCDD	27	0	NA	0.0026	0.00296	0.00178	0.000411	0.0158	0.000454	0.000545	0.000957	0.00185	0.00325	0.00427	0.00489
1,2,3,6,7,8-HxCDD	27	0	NA	0.00961	0.00926	0.00593	0.000579	0.0429	0.000798	0.00128	0.00264	0.00785	0.0118	0.0196	0.023
1,2,3,7,8,9-HxCDD	27	0	NA	0.00893	0.0103	0.0058	0.00114	0.0535	0.00133	0.00165	0.00284	0.00603	0.0116	0.0138	0.0203
Total HxCDD	27	0	NA	0.0896	0.121	0.0548	0.0085	0.642	0.0114	0.0168	0.0254	0.0585	0.107	0.139	0.18
1,2,3,4,6,7,8-HpCDD	27	0	NA	0.214	0.127	0.173	0.0369	0.434	0.0594	0.0672	0.087	0.203	0.315	0.405	0.431
Total HpCDD	27	0	NA	0.425	0.238	0.352	0.0898	0.848	0.125	0.14	0.199	0.399	0.626	0.762	0.797
Total OCDD	27	0	NA	2.7	0.91	2.55	1.2	5.09	1.4	1.53	2.15	2.65	3.15	3.74	4.25
2,3,7,8-TCDF	27	3.7	<0.0059	0.0383	0.0421	0.0176	0.000385	0.202	0.000539	0.00146	0.0111	0.031	0.0492	0.0708	0.101
Total TCDF	27	0	NA	0.328	0.439	0.111	0.00139	1.69	0.00187	0.00707	0.0524	0.169	0.424	0.773	1.38
1,2,3,7,8-PeCDF	27	7.41	<0.000134 to <0.000143	0.0255	0.0275	0.00998	<0.000134	0.116	0.000137	0.000596	0.00645	0.019	0.0336	0.0508	0.0798
2,3,4,7,8-PeCDF	27	7.41	<0.000109 to <0.0658	0.0618	0.067	0.0173	<0.000109	0.211	0.000186	0.000262	0.00852	0.0318	0.117	0.159	0.194
Total PeCDF	27	0	NA	0.458	0.472	0.16	0.00103	1.61	0.00157	0.00699	0.0772	0.348	0.734	1.12	1.41
1,2,3,4,7,8-HxCDF	27	0	NA	0.123	0.132	0.0473	0.000383	0.519	0.000611	0.00276	0.027	0.0839	0.16	0.278	0.399
1,2,3,6,7,8-HxCDF	27	7.41	<0.035 to <0.048	0.027	0.0284	0.0112	0.000147	0.107	0.000217	0.000811	0.00571	0.0175	0.0414	0.0619	0.0867
1,2,3,7,8,9-HxCDF	27	18.5	<0.000106 to <0.00319	0.00277	0.00342	0.00123	<0.000106	0.0135	0.0000651	0.000172	0.000578	0.0016	0.00332	0.00689	0.0103

Table 43. Summary of soil chemistry data collected in the whole data gap sampling program study area at the Anniston PCB Site.

Chemical of Potential Conc	n	% Non-Detect	Non-Detect Range	Mean	Standard Deviation	Geometric Mean	Min	Max	Percentile						
									5th	10th	25th	50th	75th	90th	95th
Dioxins and Furans (µg/kg DW; cont.)															
2,3,4,6,7,8-HxCDF	27	7.41	<0.0000996 to <0.000121	0.0141	0.0142	0.0051	<0.0000996	0.0482	0.0000751	0.000183	0.00287	0.0085	0.0231	0.0329	0.0426
Total HxCDF	27	0	NA	0.327	0.333	0.142	0.0018	1.25	0.00301	0.0142	0.0739	0.241	0.456	0.752	1.05
1,2,3,4,6,7,8-HpCDF	27	22.2	<0.0471 to <0.174	0.103	0.0979	0.0538	0.00162	0.329	0.00227	0.00972	0.033	0.0605	0.169	0.25	0.298
1,2,3,4,7,8,9-HpCDF	27	3.7	<0.000167	0.0394	0.0465	0.0139	<0.000167	0.165	0.000202	0.00146	0.00602	0.0213	0.0504	0.11	0.144
Total HpCDF	27	0	NA	0.244	0.238	0.123	0.00278	0.845	0.00461	0.0194	0.0659	0.166	0.381	0.571	0.73
Total OCDF	27	14.8	<0.0228 to <0.475	0.199	0.183	0.0982	0.00228	0.685	0.00235	0.0078	0.0559	0.145	0.265	0.426	0.591

DW = dry weight; max = maximum; min = minimum; n = number of samples; NA = not applicable; PCBs = polychlorinated biphenyls.