

TABLE A-1

RM 10.9 Sampling Programs*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Sampling Program	River Mile	East Coordinate	North Coordinate
2008 CLRC-066	2008 Low-resolution Coring Program	10.96	593072	723331
2008 CLRC-067	2008 Low-resolution Coring Program	10.95	593181	723166
2008 CLRC-109	2008 Low-resolution Coring Program	11.23	594283.286	724359.783
2008 CLRC-110	2008 Low-resolution Coring Program	11.21	594190.0325	724391.69
2011 RM10.9-0301	2011 River Mile 10.9 Sediment Investigation	10.67	592448	722027
2011 RM10.9-0302	2011 River Mile 10.9 Sediment Investigation	10.69	592496	722108
2011 RM10.9-0303	2011 River Mile 10.9 Sediment Investigation	10.7	592448	722194
2011 RM10.9-0304	2011 River Mile 10.9 Sediment Investigation	10.71	592545	722192
2011 RM10.9-0305	2011 River Mile 10.9 Sediment Investigation	10.72	592494	722273
2011 RM10.9-0306	2011 River Mile 10.9 Sediment Investigation	10.74	592545	722354
2011 RM10.9-0307	2011 River Mile 10.9 Sediment Investigation	10.75	592494	722436
2011 RM10.9-0308	2011 River Mile 10.9 Sediment Investigation	10.76	592593	722436
2011 RM10.9-0309	2011 River Mile 10.9 Sediment Investigation	10.77	592545	722519
2011 RM10.9-0310	2011 River Mile 10.9 Sediment Investigation	10.79	592591	722601
2011 RM10.9-0311	2011 River Mile 10.9 Sediment Investigation	10.8	592542	722682
2011 RM10.9-0312	2011 River Mile 10.9 Sediment Investigation	10.8	592635	722682
2011 RM10.9-0313	2011 River Mile 10.9 Sediment Investigation	10.82	592591	722764
2011 RM10.9-0314	2011 River Mile 10.9 Sediment Investigation	10.82	592685	722762
2011 RM10.9-0315	2011 River Mile 10.9 Sediment Investigation	10.83	592637	722845
2011 RM10.9-0316	2011 River Mile 10.9 Sediment Investigation	10.84	592732	722847
2011 RM10.9-0317	2011 River Mile 10.9 Sediment Investigation	10.85	592683	722927
2011 RM10.9-0318	2011 River Mile 10.9 Sediment Investigation	10.86	592780	722927
2011 RM10.9-0319	2011 River Mile 10.9 Sediment Investigation	10.87	592873	722925
2011 RM10.9-0320	2011 River Mile 10.9 Sediment Investigation	10.86	592671	722990
2011 RM10.9-0321	2011 River Mile 10.9 Sediment Investigation	10.87	592732	723010
2011 RM10.9-0322	2011 River Mile 10.9 Sediment Investigation	10.88	592826	723010
2011 RM10.9-0323	2011 River Mile 10.9 Sediment Investigation	10.89	592921	723010
2011 RM10.9-0324	2011 River Mile 10.9 Sediment Investigation	10.89	592780	723093
2011 RM10.9-0325	2011 River Mile 10.9 Sediment Investigation	10.9	592873	723091
2011 RM10.9-0326	2011 River Mile 10.9 Sediment Investigation	10.91	592967	723093
2011 RM10.9-0327	2011 River Mile 10.9 Sediment Investigation	10.93	593064	723093

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RM 10.9 Sampling Programs*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Sampling Program	River Mile	East Coordinate	North Coordinate
2011 RM10.9-0328	2011 River Mile 10.9 Sediment Investigation	10.91	592921	723173
2011 RM10.9-0329	2011 River Mile 10.9 Sediment Investigation	10.93	593016	723173
2011 RM10.9-0330	2011 River Mile 10.9 Sediment Investigation	10.94	593110	723173
2011 RM10.9-0331	2011 River Mile 10.9 Sediment Investigation	10.96	593205	723173
2011 RM10.9-0332	2011 River Mile 10.9 Sediment Investigation	10.95	593064	723254
2011 RM10.9-0333	2011 River Mile 10.9 Sediment Investigation	10.96	593159	723254
2011 RM10.9-0334	2011 River Mile 10.9 Sediment Investigation	10.98	593251	723254
2011 RM10.9-0335	2011 River Mile 10.9 Sediment Investigation	10.99	593346	723254
2011 RM10.9-0336	2011 River Mile 10.9 Sediment Investigation	10.96	593110	723322
2011 RM10.9-0337	2011 River Mile 10.9 Sediment Investigation	10.98	593203	723336
2011 RM10.9-0338	2011 River Mile 10.9 Sediment Investigation	10.99	593298	723334
2011 RM10.9-0339	2011 River Mile 10.9 Sediment Investigation	11.01	593394	723336
2011 RM10.9-0340	2011 River Mile 10.9 Sediment Investigation	11.03	593487	723336
2011 RM10.9-0341	2011 River Mile 10.9 Sediment Investigation	11.01	593348	723419
2011 RM10.9-0342	2011 River Mile 10.9 Sediment Investigation	11.02	593441	723421
2011 RM10.9-0343	2011 River Mile 10.9 Sediment Investigation	11.04	593533	723419
2011 RM10.9-0344	2011 River Mile 10.9 Sediment Investigation	11.06	593630	723419
2011 RM10.9-0345	2011 River Mile 10.9 Sediment Investigation	11.04	593520	723459
2011 RM10.9-0346	2011 River Mile 10.9 Sediment Investigation	11.06	593623	723456
2011 RM10.9-0347	2011 River Mile 10.9 Sediment Investigation	11.06	593582	723499
2011 RM10.9-0348	2011 River Mile 10.9 Sediment Investigation	11.08	593725	723507
2011 RM10.9-0349	2011 River Mile 10.9 Sediment Investigation	11.09	593771	723499
2011 RM10.9-0350	2011 River Mile 10.9 Sediment Investigation	11.11	593868	723496
2011 RM10.9-0351	2011 River Mile 10.9 Sediment Investigation	11.13	593960	723499
2011 RM10.9-0352	2011 River Mile 10.9 Sediment Investigation	11.1	593814	723547
2011 RM10.9-0353	2011 River Mile 10.9 Sediment Investigation	11.12	593908	723541
2011 RM10.9-0354	2011 River Mile 10.9 Sediment Investigation	11.13	593950	723572
2012 CLRC-0481	2012 LRC Supplemental Sampling Program	11.26	594637	723722
2012 RM10.9 A-0355	2012 River Mile 10.9 Sediment Investigation Addendum A	10.77	592646	722518
2012 RM10.9 A-0356	2012 River Mile 10.9 Sediment Investigation Addendum A	10.8	592671	722625
2012 RM10.9 A-0357	2012 River Mile 10.9 Sediment Investigation Addendum A	10.85	592814	722842

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RM 10.9 Sampling Programs*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Sampling Program	River Mile	East Coordinate	North Coordinate
2012 RM10.9 A-0358	2012 River Mile 10.9 Sediment Investigation Addendum A	10.91	593022	723025
2012 RM10.9 A-0359	2012 River Mile 10.9 Sediment Investigation Addendum A	10.94	593169	723096
2012 RM10.9 A-0360	2012 River Mile 10.9 Sediment Investigation Addendum A	10.98	593300	723180
2012 RM10.9 A-0361	2012 River Mile 10.9 Sediment Investigation Addendum A	11.01	593420	723258
2012 RM10.9 A-0362	2012 River Mile 10.9 Sediment Investigation Addendum A	11.06	593663	723374
2012 RM10.9 A-0363	2012 River Mile 10.9 Sediment Investigation Addendum A	11.09	593773	723412
2012 RM10.9 A-0364	2012 River Mile 10.9 Sediment Investigation Addendum A	11.12	593919	723460
2012 RM10.9 A-0365	2012 River Mile 10.9 Sediment Investigation Addendum A	11.14	594046	723533
2012 RM10.9 A-0366	2012 River Mile 10.9 Sediment Investigation Addendum A	11.16	594142	723562
2012 RM10.9 A-0367	2012 River Mile 10.9 Sediment Investigation Addendum A	11.18	594238	723592
2012 RM10.9 A-0368	2012 River Mile 10.9 Sediment Investigation Addendum A	11.2	594332	723618
2012 RM10.9 A-0369	2012 River Mile 10.9 Sediment Investigation Addendum A	11.22	594434	723645
LPRC12A	2009/2010 Benthic Sediment Sampling	11.19	594209	723885
LPRH11B	2009/2010 Benthic Sediment Sampling	10.96	593244	723134
LPRH12B	2009/2010 Benthic Sediment Sampling	11.25	594500	723957
LPRT11D	2009/2010 Benthic Sediment Sampling	10.75	592541	722400
LPRT11E	2009/2010 Benthic Sediment Sampling	10.91	592967	723060
LPRT11F	2009/2010 Benthic Sediment Sampling	11.01	593254	723578
LPRT11G	2009/2010 Benthic Sediment Sampling	11	593376	723291
LPRT12A	2009/2010 Benthic Sediment Sampling	11.15	594063	723589

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RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0 to 0.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval	Parameter	Concentration	Units	Sampling Program
2008 CLRC-067	0 0.5	2,3,7,8-TCDD	6,490	ng/kg	2008 Low-resolution Coring Program
2008 CLRC-110	0 0.5	2,3,7,8-TCDD	144	ng/kg	2008 Low-resolution Coring Program
2008 CLRC-066	0 0.5	2,3,7,8-TCDD	31.3	ng/kg	2008 Low-resolution Coring Program
2008 CLRC-109	0 0.5	2,3,7,8-TCDD	0.47	ng/kg	2008 Low-resolution Coring Program
LPRT11G	0 0.5	2,3,7,8-TCDD	6,700	ng/kg	2009/2010 Benthic Sediment Sampling
LPRT11E	0 0.5	2,3,7,8-TCDD	420	ng/kg	2009/2010 Benthic Sediment Sampling
LPRT12A	0 0.5	2,3,7,8-TCDD	340	ng/kg	2009/2010 Benthic Sediment Sampling
LPRH12B	0 0.5	2,3,7,8-TCDD	145	ng/kg	2009/2010 Benthic Sediment Sampling
LPRT11F	0 0.5	2,3,7,8-TCDD	140	ng/kg	2009/2010 Benthic Sediment Sampling
LPRT11D	0 0.5	2,3,7,8-TCDD	130	ng/kg	2009/2010 Benthic Sediment Sampling
LPRH11B	0 0.5	2,3,7,8-TCDD	78.0	ng/kg	2009/2010 Benthic Sediment Sampling
LPRC12A	0 0.5	2,3,7,8-TCDD	81.0	ng/kg	2009/2010 Benthic Sediment Sampling
2011 RM10.9-0344	0 0.5	2,3,7,8-TCDD	21,600	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0334	0 0.5	2,3,7,8-TCDD	20,900	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0335	0 0.5	2,3,7,8-TCDD	17,100	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0323	0 0.5	2,3,7,8-TCDD	16,500	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0331	0 0.5	2,3,7,8-TCDD	16,400	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0340	0 0.5	2,3,7,8-TCDD	14,200	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0316	0 0.5	2,3,7,8-TCDD	12,100	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0326	0 0.5	2,3,7,8-TCDD	10,200	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0327	0 0.5	2,3,7,8-TCDD	9,550	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0318	0 0.5	2,3,7,8-TCDD	7,080	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0330	0 0.5	2,3,7,8-TCDD	7,005	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0339	0 0.5	2,3,7,8-TCDD	6,600	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0350	0 0.5	2,3,7,8-TCDD	2,790	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0343	0 0.5	2,3,7,8-TCDD	2,200	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0322	0 0.5	2,3,7,8-TCDD	2,170	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0310	0 0.5	2,3,7,8-TCDD	2,070	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0325	0 0.5	2,3,7,8-TCDD	1,620	ng/kg	2011 River Mile 10.9 Sediment Investigation

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RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0 to 0.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval	Parameter	Concentration	Units	Sampling Program
2011 RM10.9-0338	0 0.5	2,3,7,8-TCDD	1,530	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0333	0 0.5	2,3,7,8-TCDD	1,400	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0349	0 0.5	2,3,7,8-TCDD	1,400	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0312	0 0.5	2,3,7,8-TCDD	1,200	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0329	0 0.5	2,3,7,8-TCDD	1,070	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0346	0 0.5	2,3,7,8-TCDD	904	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0317	0 0.5	2,3,7,8-TCDD	741	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0314	0 0.5	2,3,7,8-TCDD	690	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0321	0 0.5	2,3,7,8-TCDD	677	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0353	0 0.5	2,3,7,8-TCDD	538	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0345	0 0.5	2,3,7,8-TCDD	485	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0348	0 0.5	2,3,7,8-TCDD	459	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0328	0 0.5	2,3,7,8-TCDD	402	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0309	0 0.5	2,3,7,8-TCDD	394	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0304	0 0.5	2,3,7,8-TCDD	382	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0315	0 0.5	2,3,7,8-TCDD	369	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0342	0 0.5	2,3,7,8-TCDD	369	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0306	0 0.5	2,3,7,8-TCDD	322	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0313	0 0.5	2,3,7,8-TCDD	316	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0308	0 0.5	2,3,7,8-TCDD	282	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0302	0 0.5	2,3,7,8-TCDD	267	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0305	0 0.5	2,3,7,8-TCDD	230	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0301	0 0.5	2,3,7,8-TCDD	221	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0354	0 0.5	2,3,7,8-TCDD	168	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0352	0 0.5	2,3,7,8-TCDD	150	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0303	0 0.5	2,3,7,8-TCDD	71.7	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0347	0 0.5	2,3,7,8-TCDD	66.5	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0351	0 0.5	2,3,7,8-TCDD	49.0	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0319	0 0.5	2,3,7,8-TCDD	48.3	ng/kg	2011 River Mile 10.9 Sediment Investigation

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RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0 to 0.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval	Parameter	Concentration	Units	Sampling Program
2011 RM10.9-0307	0 0.5	2,3,7,8-TCDD	38.1	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0320	0 0.5	2,3,7,8-TCDD	32.2	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0341	0 0.5	2,3,7,8-TCDD	22.4	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0324	0 0.5	2,3,7,8-TCDD	18.9	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0336	0 0.5	2,3,7,8-TCDD	18.4	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0332	0 0.5	2,3,7,8-TCDD	11.2	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0337	0 0.5	2,3,7,8-TCDD	9.5	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0311	0 0.5	2,3,7,8-TCDD	9.1	ng/kg	2011 River Mile 10.9 Sediment Investigation
2012 CLRC-0481	0 0.5	2,3,7,8-TCDD	23,200	ng/kg	2012 LRC Supplemental Sampling Program
2012 RM10.9 A-0365	0 0.5	2,3,7,8-TCDD	29,000	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0366	0 0.5	2,3,7,8-TCDD	26,600	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0369	0 0.5	2,3,7,8-TCDD	7,390	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0368	0 0.5	2,3,7,8-TCDD	1,070	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0367	0 0.5	2,3,7,8-TCDD	203	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0364	0 0.5	2,3,7,8-TCDD	171	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0360	0 0.5	2,3,7,8-TCDD	111	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0363	0 0.5	2,3,7,8-TCDD	96.9	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0359	0 0.5	2,3,7,8-TCDD	88.3	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0362	0 0.5	2,3,7,8-TCDD	80.6	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0358	0 0.5	2,3,7,8-TCDD	19.6	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0355	0 0.5	2,3,7,8-TCDD	5.1	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0361	0 0.5	2,3,7,8-TCDD	1.7	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0356	0 0.5	2,3,7,8-TCDD	1.1	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0357	0 0.5	2,3,7,8-TCDD	0.42	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2008 CLRC-067	0 0.5	Mercury	2.6	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-110	0 0.5	Mercury	0.37	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-066	0 0.5	Mercury	0.12	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-109	0 0.5	Mercury	0.12	mg/kg	2008 Low-resolution Coring Program
LPRT11G	0 0.5	Mercury	5.8	mg/kg	2009/2010 Benthic Sediment Sampling

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RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0 to 0.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval	Parameter	Concentration	Units	Sampling Program
LPRT11E	0 0.5	Mercury	2.1	mg/kg	2009/2010 Benthic Sediment Sampling
LPRT12A	0 0.5	Mercury	1.8	mg/kg	2009/2010 Benthic Sediment Sampling
LPRT11F	0 0.5	Mercury	1.8	mg/kg	2009/2010 Benthic Sediment Sampling
LPRT11D	0 0.5	Mercury	0.92	mg/kg	2009/2010 Benthic Sediment Sampling
LPRH12B	0 0.5	Mercury	0.78	mg/kg	2009/2010 Benthic Sediment Sampling
LPRH11B	0 0.5	Mercury	0.30	mg/kg	2009/2010 Benthic Sediment Sampling
LPRC12A	0 0.5	Mercury	1.1	mg/kg	2009/2010 Benthic Sediment Sampling
2011 RM10.9-0329	0 0.5	Mercury	21.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0344	0 0.5	Mercury	20.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0334	0 0.5	Mercury	20.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0325	0 0.5	Mercury	19.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0316	0 0.5	Mercury	18.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0333	0 0.5	Mercury	17.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0340	0 0.5	Mercury	16.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0335	0 0.5	Mercury	15.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0331	0 0.5	Mercury	13.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0339	0 0.5	Mercury	10.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0327	0 0.5	Mercury	9.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0338	0 0.5	Mercury	9.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0326	0 0.5	Mercury	8.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0323	0 0.5	Mercury	8.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0318	0 0.5	Mercury	7.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0349	0 0.5	Mercury	6.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0330	0 0.5	Mercury	6.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0348	0 0.5	Mercury	5.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0322	0 0.5	Mercury	5.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0353	0 0.5	Mercury	4.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0312	0 0.5	Mercury	4.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0343	0 0.5	Mercury	4.2	mg/kg	2011 River Mile 10.9 Sediment Investigation

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RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0 to 0.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval	Parameter	Concentration	Units	Sampling Program
2011 RM10.9-0310	0 0.5	Mercury	4.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0346	0 0.5	Mercury	3.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0354	0 0.5	Mercury	3.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0314	0 0.5	Mercury	3.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0350	0 0.5	Mercury	2.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0309	0 0.5	Mercury	2.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0315	0 0.5	Mercury	2.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0306	0 0.5	Mercury	2.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0305	0 0.5	Mercury	2.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0304	0 0.5	Mercury	2.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0313	0 0.5	Mercury	1.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0308	0 0.5	Mercury	1.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0317	0 0.5	Mercury	1.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0342	0 0.5	Mercury	1.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0345	0 0.5	Mercury	1.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0302	0 0.5	Mercury	1.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0301	0 0.5	Mercury	1.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0321	0 0.5	Mercury	1.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0347	0 0.5	Mercury	1.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0352	0 0.5	Mercury	0.79	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0328	0 0.5	Mercury	0.59	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0303	0 0.5	Mercury	0.54	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0320	0 0.5	Mercury	0.37	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0307	0 0.5	Mercury	0.34	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0319	0 0.5	Mercury	0.22	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0341	0 0.5	Mercury	0.22	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0324	0 0.5	Mercury	0.20	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0311	0 0.5	Mercury	0.20	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0351	0 0.5	Mercury	0.17	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2a

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0 to 0.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval	Parameter	Concentration	Units	Sampling Program
2011 RM10.9-0337	0 0.5	Mercury	0.16	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0332	0 0.5	Mercury	0.13	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0336	0 0.5	Mercury	0.12	mg/kg	2011 River Mile 10.9 Sediment Investigation
2012 CLRC-0481	0 0.5	Mercury	11.8	mg/kg	2012 LRC Supplemental Sampling Program
2012 RM10.9 A-0365	0 0.5	Mercury	10.6	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0366	0 0.5	Mercury	9.7	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0369	0 0.5	Mercury	8.6	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0368	0 0.5	Mercury	3.3	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0367	0 0.5	Mercury	2.0	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0360	0 0.5	Mercury	0.53	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0363	0 0.5	Mercury	0.46	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0362	0 0.5	Mercury	0.35	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0364	0 0.5	Mercury	0.34	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0359	0 0.5	Mercury	0.24	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0358	0 0.5	Mercury	0.14	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0355	0 0.5	Mercury	0.13	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0356	0 0.5	Mercury	0.040	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0361	0 0.5	Mercury	0.025	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0357	0 0.5	Mercury	0.024	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2008 CLRC-067	0 0.5	Total PCB	1.7	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-110	0 0.5	Total PCB	0.23	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-066	0 0.5	Total PCB	0.11	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-109	0 0.5	Total PCB	0.0032	mg/kg	2008 Low-resolution Coring Program
LPRT11G	0 0.5	Total PCB	8.9	mg/kg	2009/2010 Benthic Sediment Sampling
LPRT11E	0 0.5	Total PCB	1.2	mg/kg	2009/2010 Benthic Sediment Sampling
LPRT12A	0 0.5	Total PCB	1.2	mg/kg	2009/2010 Benthic Sediment Sampling
LPRH12B	0 0.5	Total PCB	0.52	mg/kg	2009/2010 Benthic Sediment Sampling
LPRT11D	0 0.5	Total PCB	0.45	mg/kg	2009/2010 Benthic Sediment Sampling
LPRT11F	0 0.5	Total PCB	0.25	mg/kg	2009/2010 Benthic Sediment Sampling

TABLE A-2a

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0 to 0.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval	Parameter	Concentration	Units	Sampling Program
LPRH11B	0 0.5	Total PCB	0.17	mg/kg	2009/2010 Benthic Sediment Sampling
LPRC12A	0 0.5	Total PCB	0.54	mg/kg	2009/2010 Benthic Sediment Sampling
2011 RM10.9-0344	0 0.5	Total PCB	33.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0334	0 0.5	Total PCB	30.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0331	0 0.5	Total PCB	22.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0316	0 0.5	Total PCB	20.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0335	0 0.5	Total PCB	20.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0340	0 0.5	Total PCB	20.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0326	0 0.5	Total PCB	15.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0327	0 0.5	Total PCB	14.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0323	0 0.5	Total PCB	13.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0339	0 0.5	Total PCB	13.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0330	0 0.5	Total PCB	11.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0318	0 0.5	Total PCB	10.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0329	0 0.5	Total PCB	8.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0325	0 0.5	Total PCB	8.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0322	0 0.5	Total PCB	7.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0333	0 0.5	Total PCB	7.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0338	0 0.5	Total PCB	5.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0343	0 0.5	Total PCB	4.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0349	0 0.5	Total PCB	4.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0350	0 0.5	Total PCB	3.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0312	0 0.5	Total PCB	3.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0348	0 0.5	Total PCB	3.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0310	0 0.5	Total PCB	3.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0346	0 0.5	Total PCB	2.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0314	0 0.5	Total PCB	2.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0353	0 0.5	Total PCB	2.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0315	0 0.5	Total PCB	1.8	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2a

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0 to 0.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval	Parameter	Concentration	Units	Sampling Program
2011 RM10.9-0309	0 0.5	Total PCB	1.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0304	0 0.5	Total PCB	1.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0306	0 0.5	Total PCB	1.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0313	0 0.5	Total PCB	1.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0308	0 0.5	Total PCB	1.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0317	0 0.5	Total PCB	1.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0342	0 0.5	Total PCB	1.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0305	0 0.5	Total PCB	0.97	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0302	0 0.5	Total PCB	0.95	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0301	0 0.5	Total PCB	0.92	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0321	0 0.5	Total PCB	0.91	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0345	0 0.5	Total PCB	0.91	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0354	0 0.5	Total PCB	0.61	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0303	0 0.5	Total PCB	0.50	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0328	0 0.5	Total PCB	0.44	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0352	0 0.5	Total PCB	0.43	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0347	0 0.5	Total PCB	0.28	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0320	0 0.5	Total PCB	0.24	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0351	0 0.5	Total PCB	0.22	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0324	0 0.5	Total PCB	0.12	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0336	0 0.5	Total PCB	0.12	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0307	0 0.5	Total PCB	0.11	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0341	0 0.5	Total PCB	0.10	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0332	0 0.5	Total PCB	0.082	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0337	0 0.5	Total PCB	0.050	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0319	0 0.5	Total PCB	0.042	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0311	0 0.5	Total PCB	0.040	mg/kg	2011 River Mile 10.9 Sediment Investigation
2012 CLRC-0481	0 0.5	Total PCB	16.4	mg/kg	2012 LRC Supplemental Sampling Program
2012 RM10.9 A-0365	0 0.5	Total PCB	22.7	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A

TABLE A-2a

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0 to 0.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval	Parameter	Concentration	Units	Sampling Program
2012 RM10.9 A-0366	0 0.5	Total PCB	22.4	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0369	0 0.5	Total PCB	15.3	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0368	0 0.5	Total PCB	5.7	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0367	0 0.5	Total PCB	1.6	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0360	0 0.5	Total PCB	0.31	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0362	0 0.5	Total PCB	0.25	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0363	0 0.5	Total PCB	0.24	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0359	0 0.5	Total PCB	0.16	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0364	0 0.5	Total PCB	0.13	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0358	0 0.5	Total PCB	0.027	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0355	0 0.5	Total PCB	0.026	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0356	0 0.5	Total PCB	0.0072	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0361	0 0.5	Total PCB	0.0041	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0357	0 0.5	Total PCB	0.0018	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A

Notes: Duplicate samples averaged. 2,3,7,8-TCDD, 2,3,7,8-tetrachlorodibenzo-p-dioxin; PCB, polychlorinated biphenyl; ft bgs, feet below ground (sediment) surface; ng/kg, nanograms per kilogram; mg/kg, milligrams per kilogram.

TABLE A-2b

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0.5 to 1.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval		Parameter	Concentration	Units	Sampling Program
2008 CLRC-109	0.5	1.5	2,3,7,8-TCDD	<0.0563	ng/kg	2008 Low-resolution Coring Program
2008 CLRC-067	0.5	1.5	2,3,7,8-TCDD	57,200	ng/kg	2008 Low-resolution Coring Program
2008 CLRC-066	0.5	1.5	2,3,7,8-TCDD	22.6	ng/kg	2008 Low-resolution Coring Program
2008 CLRC-110	0.5	1.5	2,3,7,8-TCDD	22.5	ng/kg	2008 Low-resolution Coring Program
2011 RM10.9-0340	0.5	1.5	2,3,7,8-TCDD	21,700	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0344	0.5	1.5	2,3,7,8-TCDD	20,700	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0318	0.5	1.5	2,3,7,8-TCDD	20,500	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0339	0.5	1.5	2,3,7,8-TCDD	18,800	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0349	0.5	1.5	2,3,7,8-TCDD	18,550	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0350	0.5	1.5	2,3,7,8-TCDD	18,300	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0316	0.5	1.5	2,3,7,8-TCDD	16,900	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0343	0.5	1.5	2,3,7,8-TCDD	15,700	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0346	0.5	1.5	2,3,7,8-TCDD	13,200	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0334	0.5	1.5	2,3,7,8-TCDD	9,080	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0327	0.5	1.5	2,3,7,8-TCDD	7,690	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0331	0.5	1.5	2,3,7,8-TCDD	7,100	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0333	0.5	1.5	2,3,7,8-TCDD	6,040	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0351	0.5	1.5	2,3,7,8-TCDD	4,730	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0314	0.5	1.5	2,3,7,8-TCDD	4,030	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0335	0.5	1.5	2,3,7,8-TCDD	3,330	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0322	0.5	1.5	2,3,7,8-TCDD	2,845	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0338	0.5	1.5	2,3,7,8-TCDD	2,790	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0330	0.5	1.5	2,3,7,8-TCDD	2,610	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0325	0.5	1.5	2,3,7,8-TCDD	1,550	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0348	0.5	1.5	2,3,7,8-TCDD	1,530	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0332	0.5	1.5	2,3,7,8-TCDD	1,410	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0329	0.5	1.5	2,3,7,8-TCDD	1,330	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0342	0.5	1.5	2,3,7,8-TCDD	1,300	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0345	0.5	1.5	2,3,7,8-TCDD	890	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0312	0.5	1.5	2,3,7,8-TCDD	874	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0328	0.5	1.5	2,3,7,8-TCDD	751	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0310	0.5	1.5	2,3,7,8-TCDD	680	ng/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2b

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0.5 to 1.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval		Parameter	Concentration	Units	Sampling Program
2011 RM10.9-0317	0.5	1.5	2,3,7,8-TCDD	671	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0315	0.5	1.5	2,3,7,8-TCDD	655	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0326	0.5	1.5	2,3,7,8-TCDD	597	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0306	0.5	1.5	2,3,7,8-TCDD	585	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0309	0.5	1.5	2,3,7,8-TCDD	559	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0347	0.5	1.5	2,3,7,8-TCDD	550	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0308	0.5	1.5	2,3,7,8-TCDD	547	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0302	0.5	1.5	2,3,7,8-TCDD	426	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0304	0.5	1.5	2,3,7,8-TCDD	393	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0323	0.5	1.5	2,3,7,8-TCDD	321	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0313	0.5	1.5	2,3,7,8-TCDD	302	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0305	0.5	1.5	2,3,7,8-TCDD	270	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0324	0.5	1.5	2,3,7,8-TCDD	258	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0352	0.5	1.5	2,3,7,8-TCDD	219	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0301	0.5	1.5	2,3,7,8-TCDD	210	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0321	0.5	1.5	2,3,7,8-TCDD	198	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0337	0.5	1.5	2,3,7,8-TCDD	174	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0307	0.5	1.5	2,3,7,8-TCDD	148	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0303	0.5	1.5	2,3,7,8-TCDD	120	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0353	0.5	1.5	2,3,7,8-TCDD	85.9	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0320	0.5	1.5	2,3,7,8-TCDD	81.3	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0341	0.5	1.5	2,3,7,8-TCDD	58.2	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0319	0.5	1.5	2,3,7,8-TCDD	24.7	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0336	0.5	1.5	2,3,7,8-TCDD	18.4	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0354	0.5	1.5	2,3,7,8-TCDD	6.0	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0311	0.5	1.5	2,3,7,8-TCDD	5.4	ng/kg	2011 River Mile 10.9 Sediment Investigation
2012 CLRC-0481	0.5	1.5	2,3,7,8-TCDD	35,600	ng/kg	2012 LRC Supplemental Sampling Program
2012 RM10.9 A-0356	0.5	1.5	2,3,7,8-TCDD	<0.126	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0365	0.5	1.5	2,3,7,8-TCDD	31,000	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0366	0.5	1.5	2,3,7,8-TCDD	16,500	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0369	0.5	1.5	2,3,7,8-TCDD	1,110	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0368	0.5	1.5	2,3,7,8-TCDD	714	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A

TABLE A-2b

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0.5 to 1.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval		Parameter	Concentration	Units	Sampling Program
2012 RM10.9 A-0360	0.5	1.3	2,3,7,8-TCDD	515	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0362	0.5	1.2	2,3,7,8-TCDD	398	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0363	0.5	1	2,3,7,8-TCDD	25.1	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0359	0.5	1.3	2,3,7,8-TCDD	17.9	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0358	0.5	1.5	2,3,7,8-TCDD	7.3	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0361	0.5	0.9	2,3,7,8-TCDD	0.72	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0355	0.5	1.5	2,3,7,8-TCDD	0.12	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0357	0.5	1.5	2,3,7,8-TCDD	0.10	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2008 CLRC-067	0.5	1.5	Mercury	19.0	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-110	0.5	1.5	Mercury	0.65	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-066	0.5	1.5	Mercury	0.17	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-109	0.5	1.5	Mercury	0.036	mg/kg	2008 Low-resolution Coring Program
2011 RM10.9-0340	0.5	1.5	Mercury	20.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0318	0.5	1.5	Mercury	19.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0316	0.5	1.5	Mercury	18.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0344	0.5	1.5	Mercury	18.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0329	0.5	1.5	Mercury	17.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0343	0.5	1.5	Mercury	16.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0339	0.5	1.5	Mercury	15.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0346	0.5	1.5	Mercury	13.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0350	0.5	1.5	Mercury	11.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0342	0.5	1.5	Mercury	10.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0349	0.5	1.5	Mercury	9.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0333	0.5	1.5	Mercury	8.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0325	0.5	1.5	Mercury	8.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0310	0.5	1.5	Mercury	7.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0348	0.5	1.5	Mercury	7.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0338	0.5	1.5	Mercury	7.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0332	0.5	1.5	Mercury	7.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0334	0.5	1.5	Mercury	7.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0312	0.5	1.5	Mercury	6.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0327	0.5	1.5	Mercury	6.3	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2b

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0.5 to 1.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval		Parameter	Concentration	Units	Sampling Program
2011 RM10.9-0345	0.5	1.5	Mercury	5.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0335	0.5	1.5	Mercury	5.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0322	0.5	1.5	Mercury	5.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0314	0.5	1.5	Mercury	5.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0331	0.5	1.5	Mercury	4.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0317	0.5	1.5	Mercury	4.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0308	0.5	1.5	Mercury	4.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0351	0.5	1.5	Mercury	4.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0326	0.5	1.5	Mercury	3.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0330	0.5	1.5	Mercury	3.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0309	0.5	1.5	Mercury	3.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0307	0.5	1.5	Mercury	3.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0304	0.5	1.5	Mercury	3.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0328	0.5	1.5	Mercury	3.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0352	0.5	1.5	Mercury	2.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0347	0.5	1.5	Mercury	2.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0315	0.5	1.5	Mercury	2.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0353	0.5	1.5	Mercury	2.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0306	0.5	1.5	Mercury	2.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0354	0.5	1.5	Mercury	2.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0302	0.5	1.5	Mercury	2.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0305	0.5	1.5	Mercury	2.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0323	0.5	1.5	Mercury	2.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0313	0.5	1.5	Mercury	1.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0324	0.5	1.5	Mercury	1.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0303	0.5	1.5	Mercury	1.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0301	0.5	1.5	Mercury	1.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0319	0.5	1.5	Mercury	1.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0321	0.5	1.5	Mercury	1.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0337	0.5	1.5	Mercury	0.71	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0320	0.5	1.5	Mercury	0.63	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0341	0.5	1.5	Mercury	0.32	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2b

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0.5 to 1.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval		Parameter	Concentration	Units	Sampling Program
2011 RM10.9-0311	0.5	1.5	Mercury	0.15	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0336	0.5	1.5	Mercury	0.14	mg/kg	2011 River Mile 10.9 Sediment Investigation
2012 CLRC-0481	0.5	1.5	Mercury	13.0	mg/kg	2012 LRC Supplemental Sampling Program
2012 RM10.9 A-0365	0.5	1.5	Mercury	11.9	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0366	0.5	1.5	Mercury	8.4	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0368	0.5	1.5	Mercury	1.9	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0359	0.5	1.3	Mercury	1.2	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0360	0.5	1.3	Mercury	1.2	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0369	0.5	1.5	Mercury	1.0	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0362	0.5	1.2	Mercury	0.92	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0363	0.5	1	Mercury	0.23	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0358	0.5	1.5	Mercury	0.095	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0355	0.5	1.5	Mercury	0.038	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0361	0.5	0.9	Mercury	0.015	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0357	0.5	1.5	Mercury	0.014	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0356	0.5	1.5	Mercury	0.013	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2008 CLRC-067	0.5	1.5	Total PCB	18.0	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-066	0.5	1.5	Total PCB	0.94	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-110	0.5	1.5	Total PCB	0.32	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-109	0.5	1.5	Total PCB	0.0001	mg/kg	2008 Low-resolution Coring Program
2011 RM10.9-0340	0.5	1.5	Total PCB	35.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0343	0.5	1.5	Total PCB	29.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0344	0.5	1.5	Total PCB	28.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0318	0.5	1.5	Total PCB	26.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0316	0.5	1.5	Total PCB	26.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0339	0.5	1.5	Total PCB	25.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0350	0.5	1.5	Total PCB	24.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0349	0.5	1.5	Total PCB	18.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0346	0.5	1.5	Total PCB	17.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0333	0.5	1.5	Total PCB	11.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0334	0.5	1.5	Total PCB	10.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0327	0.5	1.5	Total PCB	9.2	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2b

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0.5 to 1.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval		Parameter	Concentration	Units	Sampling Program
2011 RM10.9-0322	0.5	1.5	Total PCB	7.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0335	0.5	1.5	Total PCB	7.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0325	0.5	1.5	Total PCB	7.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0314	0.5	1.5	Total PCB	7.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0338	0.5	1.5	Total PCB	7.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0329	0.5	1.5	Total PCB	7.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0331	0.5	1.5	Total PCB	6.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0348	0.5	1.5	Total PCB	5.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0342	0.5	1.5	Total PCB	5.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0312	0.5	1.5	Total PCB	4.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0310	0.5	1.5	Total PCB	4.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0332	0.5	1.5	Total PCB	4.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0351	0.5	1.5	Total PCB	4.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0308	0.5	1.5	Total PCB	4.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0345	0.5	1.5	Total PCB	3.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0330	0.5	1.5	Total PCB	3.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0309	0.5	1.5	Total PCB	2.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0317	0.5	1.5	Total PCB	2.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0315	0.5	1.5	Total PCB	2.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0304	0.5	1.5	Total PCB	2.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0328	0.5	1.5	Total PCB	1.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0306	0.5	1.5	Total PCB	1.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0347	0.5	1.5	Total PCB	1.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0302	0.5	1.5	Total PCB	1.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0313	0.5	1.5	Total PCB	1.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0326	0.5	1.5	Total PCB	1.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0352	0.5	1.5	Total PCB	1.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0305	0.5	1.5	Total PCB	1.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0307	0.5	1.5	Total PCB	1.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0324	0.5	1.5	Total PCB	1.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0321	0.5	1.5	Total PCB	1.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0301	0.5	1.5	Total PCB	0.93	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2b

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 0.5 to 1.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth Interval		Parameter	Concentration	Units	Sampling Program
2011 RM10.9-0323	0.5	1.5	Total PCB	0.69	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0320	0.5	1.5	Total PCB	0.51	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0353	0.5	1.5	Total PCB	0.49	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0337	0.5	1.5	Total PCB	0.42	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0303	0.5	1.5	Total PCB	0.42	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0341	0.5	1.5	Total PCB	0.19	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0354	0.5	1.5	Total PCB	0.18	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0336	0.5	1.5	Total PCB	0.15	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0319	0.5	1.5	Total PCB	0.089	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0311	0.5	1.5	Total PCB	0.034	mg/kg	2011 River Mile 10.9 Sediment Investigation
2012 CLRC-0481	0.5	1.5	Total PCB	24.3	mg/kg	2012 LRC Supplemental Sampling Program
2012 RM10.9 A-0365	0.5	1.5	Total PCB	28.8	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0366	0.5	1.5	Total PCB	15.8	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0369	0.5	1.5	Total PCB	4.0	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0368	0.5	1.5	Total PCB	2.2	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0362	0.5	1.2	Total PCB	1.1	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0360	0.5	1.3	Total PCB	0.42	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0363	0.5	1	Total PCB	0.083	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0358	0.5	1.5	Total PCB	0.020	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0359	0.5	1.3	Total PCB	0.018	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0361	0.5	0.9	Total PCB	0.0027	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0357	0.5	1.5	Total PCB	0.0020	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0356	0.5	1.5	Total PCB	0.0005	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0355	0.5	1.5	Total PCB	0.0005	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A

Notes: Duplicate samples averaged. 2,3,7,8-TCDD, 2,3,7,8-tetrachlorodibenzo-p-dioxin; PCB, polychlorinated biphenyl; ft bgs, feet below ground (sediment) surface; ng/kg, nanograms per kilogram; mg/kg, milligrams per kilogram.

TABLE A-2c

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 1.5 to 2.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2008 CLRC-109	1.5	2.5	2,3,7,8-TCDD	<0.0244	ng/kg	2008 Low-resolution Coring Program
2008 CLRC-067	1.5	2.4	2,3,7,8-TCDD	3,360	ng/kg	2008 Low-resolution Coring Program
2008 CLRC-110	1.5	2.5	2,3,7,8-TCDD	43.8	ng/kg	2008 Low-resolution Coring Program
2008 CLRC-066	1.5	2.5	2,3,7,8-TCDD	38.3	ng/kg	2008 Low-resolution Coring Program
2011 RM10.9-0304	1.5	2.5	2,3,7,8-TCDD	<1.81	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0354	1.5	2.4	2,3,7,8-TCDD	<0.514	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0344	1.5	2.5	2,3,7,8-TCDD	30,500	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0350	1.5	2.5	2,3,7,8-TCDD	27,400	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0339	1.5	2.5	2,3,7,8-TCDD	25,700	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0340	1.5	2.5	2,3,7,8-TCDD	23,900	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0343	1.5	2.5	2,3,7,8-TCDD	22,500	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0318	1.5	2.5	2,3,7,8-TCDD	19,600	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0333	1.5	2.5	2,3,7,8-TCDD	19,000	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0351	1.5	2.5	2,3,7,8-TCDD	18,200	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0346	1.5	2.5	2,3,7,8-TCDD	18,100	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0310	1.5	2.5	2,3,7,8-TCDD	16,200	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0338	1.5	2.5	2,3,7,8-TCDD	15,600	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0316	1.5	2.5	2,3,7,8-TCDD	15,400	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0314	1.5	2.5	2,3,7,8-TCDD	14,600	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0322	1.5	2.5	2,3,7,8-TCDD	10,500	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0329	1.5	2.5	2,3,7,8-TCDD	4,570	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0349	1.5	2.5	2,3,7,8-TCDD	2,440	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0325	1.5	2.5	2,3,7,8-TCDD	1,740	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0321	1.5	2.5	2,3,7,8-TCDD	1,310	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0332	1.5	2.5	2,3,7,8-TCDD	1,180	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0317	1.5	2.5	2,3,7,8-TCDD	1,130	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0348	1.5	2.5	2,3,7,8-TCDD	1,100	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0345	1.5	2.5	2,3,7,8-TCDD	1,080	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0312	1.5	2.5	2,3,7,8-TCDD	1,040	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0328	1.5	2.5	2,3,7,8-TCDD	797	ng/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2c

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 1.5 to 2.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2011 RM10.9-0342	1.5	2.5	2,3,7,8-TCDD	795	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0315	1.5	2.5	2,3,7,8-TCDD	734	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0309	1.5	2.5	2,3,7,8-TCDD	594	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0327	1.5	2.5	2,3,7,8-TCDD	581	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0306	1.5	2.5	2,3,7,8-TCDD	525	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0337	1.5	2.5	2,3,7,8-TCDD	434	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0301	1.5	2.5	2,3,7,8-TCDD	432	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0302	1.5	2.5	2,3,7,8-TCDD	412	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0308	1.5	2.5	2,3,7,8-TCDD	385	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0303	1.5	2.5	2,3,7,8-TCDD	367	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0313	1.5	2.5	2,3,7,8-TCDD	365	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0305	1.5	2.5	2,3,7,8-TCDD	300	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0324	1.5	2.5	2,3,7,8-TCDD	171	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0336	1.5	2.5	2,3,7,8-TCDD	146	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0334	1.5	2.5	2,3,7,8-TCDD	75.9	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0341	1.5	2.5	2,3,7,8-TCDD	71.0	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0347	1.5	2.5	2,3,7,8-TCDD	68.1	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0330	1.5	2.5	2,3,7,8-TCDD	54.2	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0335	1.5	2.5	2,3,7,8-TCDD	44.2	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0320	1.5	2.5	2,3,7,8-TCDD	37.4	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0307	1.5	2.5	2,3,7,8-TCDD	35.2	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0352	1.5	2.5	2,3,7,8-TCDD	29.9	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0326	1.5	2.5	2,3,7,8-TCDD	14.8	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0331	1.5	2.5	2,3,7,8-TCDD	13.5	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0311	1.5	2.5	2,3,7,8-TCDD	10.5	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0323	1.5	2.5	2,3,7,8-TCDD	7.9	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0353	1.5	2.5	2,3,7,8-TCDD	3.4	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0319	1.5	2.5	2,3,7,8-TCDD	2.1	ng/kg	2011 River Mile 10.9 Sediment Investigation
2012 CLRC-0481	1.5	2.41	2,3,7,8-TCDD	67.8	ng/kg	2012 LRC Supplemental Sampling Program
2012 RM10.9 A-0356	1.5	2.5	2,3,7,8-TCDD	<0.245	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A

TABLE A-2c

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 1.5 to 2.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2012 RM10.9 A-0357	1.5	2.5	2,3,7,8-TCDD	<0.137	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0355	1.5	2.5	2,3,7,8-TCDD	<0.107	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0366	1.5	2.2	2,3,7,8-TCDD	9,170	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0365	1.5	2.5	2,3,7,8-TCDD	4,030	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0369	1.5	2.75	2,3,7,8-TCDD	3.9	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0368	1.5	2.2	2,3,7,8-TCDD	2.4	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2008 CLRC-067	1.5	2.4	Mercury	5.1	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-110	1.5	2.5	Mercury	0.52	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-066	1.5	2.5	Mercury	0.40	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-109	1.5	2.5	Mercury	0.025	mg/kg	2008 Low-resolution Coring Program
2011 RM10.9-0351	1.5	2.5	Mercury	24.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0343	1.5	2.5	Mercury	19.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0314	1.5	2.5	Mercury	18.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0338	1.5	2.5	Mercury	17.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0333	1.5	2.5	Mercury	17.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0318	1.5	2.5	Mercury	14.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0332	1.5	2.5	Mercury	14.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0340	1.5	2.5	Mercury	13.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0310	1.5	2.5	Mercury	13.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0350	1.5	2.5	Mercury	13.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0322	1.5	2.5	Mercury	12.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0339	1.5	2.5	Mercury	12.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0344	1.5	2.5	Mercury	12.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0345	1.5	2.5	Mercury	12.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0312	1.5	2.5	Mercury	12.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0316	1.5	2.5	Mercury	10.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0346	1.5	2.5	Mercury	10.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0328	1.5	2.5	Mercury	9.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0329	1.5	2.5	Mercury	8.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0317	1.5	2.5	Mercury	7.9	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2c

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 1.5 to 2.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2011 RM10.9-0321	1.5	2.5	Mercury	6.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0342	1.5	2.5	Mercury	5.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0308	1.5	2.5	Mercury	5.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0315	1.5	2.5	Mercury	5.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0337	1.5	2.5	Mercury	5.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0353	1.5	2.5	Mercury	4.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0327	1.5	2.5	Mercury	4.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0354	1.5	2.4	Mercury	4.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0325	1.5	2.5	Mercury	3.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0349	1.5	2.5	Mercury	3.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0319	1.5	2.5	Mercury	3.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0352	1.5	2.5	Mercury	3.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0348	1.5	2.5	Mercury	3.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0309	1.5	2.5	Mercury	2.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0303	1.5	2.5	Mercury	2.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0304	1.5	2.5	Mercury	2.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0306	1.5	2.5	Mercury	2.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0302	1.5	2.5	Mercury	2.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0330	1.5	2.5	Mercury	2.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0305	1.5	2.5	Mercury	1.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0313	1.5	2.5	Mercury	1.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0336	1.5	2.5	Mercury	1.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0301	1.5	2.5	Mercury	1.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0331	1.5	2.5	Mercury	1.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0335	1.5	2.5	Mercury	1.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0324	1.5	2.5	Mercury	1.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0341	1.5	2.5	Mercury	0.45	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0307	1.5	2.5	Mercury	0.42	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0320	1.5	2.5	Mercury	0.40	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0347	1.5	2.5	Mercury	0.29	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2c

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 1.5 to 2.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2011 RM10.9-0311	1.5	2.5	Mercury	0.19	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0334	1.5	2.5	Mercury	0.13	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0326	1.5	2.5	Mercury	0.073	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0323	1.5	2.5	Mercury	0.023	mg/kg	2011 River Mile 10.9 Sediment Investigation
2012 CLRC-0481	1.5	2.41	Mercury	4.1	mg/kg	2012 LRC Supplemental Sampling Program
2012 RM10.9 A-0366	1.5	2.2	Mercury	11.6	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0365	1.5	2.5	Mercury	6.4	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0369	1.5	2.75	Mercury	2.4	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0368	1.5	2.2	Mercury	0.11	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0357	1.5	2.5	Mercury	0.017	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0356	1.5	2.5	Mercury	0.011	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0355	1.5	2.5	Mercury	0.0058	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2008 CLRC-067	1.5	2.4	Total PCB	2.1	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-066	1.5	2.5	Total PCB	1.6	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-110	1.5	2.5	Total PCB	0.35	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-109	1.5	2.5	Total PCB	0.00004	mg/kg	2008 Low-resolution Coring Program
2011 RM10.9-0343	1.5	2.5	Total PCB	29.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0351	1.5	2.5	Total PCB	29.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0318	1.5	2.5	Total PCB	28.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0333	1.5	2.5	Total PCB	28.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0314	1.5	2.5	Total PCB	22.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0340	1.5	2.5	Total PCB	21.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0338	1.5	2.5	Total PCB	21.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0346	1.5	2.5	Total PCB	21.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0350	1.5	2.5	Total PCB	21.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0339	1.5	2.5	Total PCB	20.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0344	1.5	2.5	Total PCB	20.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0322	1.5	2.5	Total PCB	19.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0316	1.5	2.5	Total PCB	16.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0329	1.5	2.5	Total PCB	8.2	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2c

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 1.5 to 2.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2011 RM10.9-0345	1.5	2.5	Total PCB	7.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0312	1.5	2.5	Total PCB	6.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0310	1.5	2.5	Total PCB	6.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0332	1.5	2.5	Total PCB	6.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0328	1.5	2.5	Total PCB	5.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0321	1.5	2.5	Total PCB	4.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0317	1.5	2.5	Total PCB	4.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0342	1.5	2.5	Total PCB	4.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0325	1.5	2.5	Total PCB	4.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0304	1.5	2.5	Total PCB	3.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0308	1.5	2.5	Total PCB	3.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0315	1.5	2.5	Total PCB	3.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0337	1.5	2.5	Total PCB	3.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0348	1.5	2.5	Total PCB	3.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0349	1.5	2.5	Total PCB	2.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0309	1.5	2.5	Total PCB	2.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0306	1.5	2.5	Total PCB	1.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0302	1.5	2.5	Total PCB	1.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0303	1.5	2.5	Total PCB	1.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0313	1.5	2.5	Total PCB	1.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0305	1.5	2.5	Total PCB	1.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0327	1.5	2.5	Total PCB	1.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0301	1.5	2.5	Total PCB	1.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0336	1.5	2.5	Total PCB	0.88	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0324	1.5	2.5	Total PCB	0.79	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0341	1.5	2.5	Total PCB	0.73	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0352	1.5	2.5	Total PCB	0.66	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0347	1.5	2.5	Total PCB	0.66	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0353	1.5	2.5	Total PCB	0.51	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0320	1.5	2.5	Total PCB	0.34	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2c

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 1.5 to 2.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2011 RM10.9-0307	1.5	2.5	Total PCB	0.20	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0330	1.5	2.5	Total PCB	0.12	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0335	1.5	2.5	Total PCB	0.10	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0334	1.5	2.5	Total PCB	0.098	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0311	1.5	2.5	Total PCB	0.091	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0354	1.5	2.4	Total PCB	0.056	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0331	1.5	2.5	Total PCB	0.023	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0326	1.5	2.5	Total PCB	0.021	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0323	1.5	2.5	Total PCB	0.0070	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0319	1.5	2.5	Total PCB	0.0048	mg/kg	2011 River Mile 10.9 Sediment Investigation
2012 CLRC-0481	1.5	2.41	Total PCB	0.55	mg/kg	2012 LRC Supplemental Sampling Program
2012 RM10.9 A-0366	1.5	2.2	Total PCB	10.7	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0365	1.5	2.5	Total PCB	6.8	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0369	1.5	2.75	Total PCB	0.16	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0368	1.5	2.2	Total PCB	0.012	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0357	1.5	2.5	Total PCB	0.0004	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0355	1.5	2.5	Total PCB	0.0002	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0356	1.5	2.5	Total PCB	0.0002	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A

Notes: Duplicate samples averaged. 2,3,7,8-TCDD, 2,3,7,8-tetrachlorodibenzo-p-dioxin; PCB, polychlorinated biphenyl; ft bgs, feet below ground (sediment) surface; ng/kg, nanograms per kilogram; mg/kg, milligrams per kilogram.

TABLE A-2d

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 2.5 to 3.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2008 CLRC-109	2.5	3.5	2,3,7,8-TCDD	<0.0282	ng/kg	2008 Low-resolution Coring Program
2008 CLRC-066	2.5	3.5	2,3,7,8-TCDD	33.8	ng/kg	2008 Low-resolution Coring Program
2008 CLRC-110	2.5	3.5	2,3,7,8-TCDD	29.4	ng/kg	2008 Low-resolution Coring Program
2008 CLRC-067	2.4	3.3	2,3,7,8-TCDD	14.4	ng/kg	2008 Low-resolution Coring Program
2011 RM10.9-0326	2.5	3.5	2,3,7,8-TCDD	<1.66	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0319	2.5	3.5	2,3,7,8-TCDD	<1.43	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0330	2.5	3.5	2,3,7,8-TCDD	<1.33	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0353	2.5	3	2,3,7,8-TCDD	<0.0805	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0344	2.5	3.5	2,3,7,8-TCDD	29,800	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0339	2.5	3.5	2,3,7,8-TCDD	27,500	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0351	2.5	3.5	2,3,7,8-TCDD	23,800	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0322	2.5	3.5	2,3,7,8-TCDD	22,800	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0333	2.5	3.5	2,3,7,8-TCDD	21,900	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0343	2.5	3.5	2,3,7,8-TCDD	21,100	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0318	2.5	3.5	2,3,7,8-TCDD	19,100	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0338	2.5	3.5	2,3,7,8-TCDD	18,100	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0314	2.5	3.5	2,3,7,8-TCDD	17,850	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0340	2.5	3.5	2,3,7,8-TCDD	11,200	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0350	2.5	3.5	2,3,7,8-TCDD	4,060	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0325	2.5	3.5	2,3,7,8-TCDD	3,660	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0346	2.5	3.5	2,3,7,8-TCDD	3,080	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0304	2.5	3.5	2,3,7,8-TCDD	2,435	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0309	2.5	3.5	2,3,7,8-TCDD	1,890	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0302	2.5	3.5	2,3,7,8-TCDD	1,790	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0348	2.5	2.8	2,3,7,8-TCDD	1,360	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0321	2.5	3.5	2,3,7,8-TCDD	1,020	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0312	2.5	3.5	2,3,7,8-TCDD	1,010	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0317	2.5	3.5	2,3,7,8-TCDD	926	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0307	2.5	3.5	2,3,7,8-TCDD	873	ng/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2d

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 2.5 to 3.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2011 RM10.9-0310	2.5	3.5	2,3,7,8-TCDD	817	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0332	2.5	3.5	2,3,7,8-TCDD	782	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0316	2.5	3.5	2,3,7,8-TCDD	756	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0315	2.5	3.5	2,3,7,8-TCDD	732	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0306	2.5	3.5	2,3,7,8-TCDD	712	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0301	2.5	3.5	2,3,7,8-TCDD	711	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0305	2.5	3.5	2,3,7,8-TCDD	638	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0313	2.5	3.5	2,3,7,8-TCDD	621	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0311	2.5	3.5	2,3,7,8-TCDD	590	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0342	2.5	3.5	2,3,7,8-TCDD	428	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0308	2.5	3.5	2,3,7,8-TCDD	380	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0328	2.5	3.5	2,3,7,8-TCDD	323	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0337	2.5	3.5	2,3,7,8-TCDD	307	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0345	2.5	3.5	2,3,7,8-TCDD	219	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0324	2.5	3.5	2,3,7,8-TCDD	192	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0336	2.5	3.5	2,3,7,8-TCDD	90.5	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0303	2.5	3.5	2,3,7,8-TCDD	84.1	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0329	2.5	3.5	2,3,7,8-TCDD	78.1	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0320	2.5	3.5	2,3,7,8-TCDD	37.7	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0341	2.5	3.1	2,3,7,8-TCDD	31.1	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0347	2.5	3.5	2,3,7,8-TCDD	26.3	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0331	2.5	3.5	2,3,7,8-TCDD	9.2	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0334	2.5	3.5	2,3,7,8-TCDD	5.4	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0349	2.5	3.5	2,3,7,8-TCDD	4.5	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0327	2.5	3.8	2,3,7,8-TCDD	4.0	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0352	2.5	3.5	2,3,7,8-TCDD	2.4	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0335	2.5	3.5	2,3,7,8-TCDD	1.2	ng/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0323	2.5	3.5	2,3,7,8-TCDD	0.96	ng/kg	2011 River Mile 10.9 Sediment Investigation
2012 RM10.9 A-0355	2.5	3.74	2,3,7,8-TCDD	<0.135	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A

TABLE A-2d

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 2.5 to 3.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2012 RM10.9 A-0356	2.5	4	2,3,7,8-TCDD	<0.103	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0365	2.5	3.5	2,3,7,8-TCDD	3,280	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0357	2.5	4	2,3,7,8-TCDD	0.090	ng/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2008 CLRC-066	2.5	3.5	Mercury	0.98	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-110	2.5	3.5	Mercury	0.38	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-067	2.4	3.3	Mercury	0.19	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-109	2.5	3.5	Mercury	0.039	mg/kg	2008 Low-resolution Coring Program
2011 RM10.9-0338	2.5	3.5	Mercury	19.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0344	2.5	3.5	Mercury	17.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0333	2.5	3.5	Mercury	16.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0317	2.5	3.5	Mercury	15.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0351	2.5	3.5	Mercury	15.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0339	2.5	3.5	Mercury	15.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0350	2.5	3.5	Mercury	14.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0322	2.5	3.5	Mercury	14.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0314	2.5	3.5	Mercury	14.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0321	2.5	3.5	Mercury	12.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0343	2.5	3.5	Mercury	10.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0306	2.5	3.5	Mercury	10.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0329	2.5	3.5	Mercury	8.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0318	2.5	3.5	Mercury	8.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0340	2.5	3.5	Mercury	7.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0353	2.5	3	Mercury	7.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0348	2.5	3.21	Mercury	6.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0315	2.5	3.5	Mercury	6.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0309	2.5	3.5	Mercury	6.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0313	2.5	3.5	Mercury	6.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0325	2.5	3.5	Mercury	6.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0316	2.5	3.5	Mercury	5.6	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2d

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 2.5 to 3.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2011 RM10.9-0312	2.5	3.5	Mercury	5.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0349	2.5	3.5	Mercury	4.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0305	2.5	3.5	Mercury	4.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0302	2.5	3.5	Mercury	4.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0310	2.5	3.5	Mercury	3.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0352	2.5	3.5	Mercury	3.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0301	2.5	3.5	Mercury	3.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0346	2.5	3.5	Mercury	3.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0332	2.5	3.5	Mercury	3.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0327	2.5	3.8	Mercury	3.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0341	2.5	3.1	Mercury	2.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0337	2.5	3.5	Mercury	2.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0307	2.5	3.5	Mercury	2.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0347	2.5	3.5	Mercury	2.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0304	2.5	3.5	Mercury	2.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0345	2.5	3.5	Mercury	2.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0308	2.5	3.5	Mercury	2.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0324	2.5	3.5	Mercury	2.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0328	2.5	3.5	Mercury	1.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0342	2.5	3.5	Mercury	1.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0303	2.5	3.5	Mercury	0.69	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0336	2.5	3.5	Mercury	0.43	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0330	2.5	3.5	Mercury	0.42	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0320	2.5	3.5	Mercury	0.39	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0311	2.5	3.4	Mercury	0.37	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0331	2.5	3.5	Mercury	0.021	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0319	2.5	3.5	Mercury	0.017	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0326	2.5	3.5	Mercury	0.012	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0323	2.5	3.5	Mercury	0.0094	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2d

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 2.5 to 3.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2011 RM10.9-0334	2.5	3.5	Mercury	0.0092	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0335	2.5	3.5	Mercury	0.0078	mg/kg	2011 River Mile 10.9 Sediment Investigation
2012 RM10.9 A-0365	2.5	3.5	Mercury	14.7	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0357	2.5	4	Mercury	0.014	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0356	2.5	4	Mercury	0.011	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0355	2.5	3.74	Mercury	0.0084	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2008 CLRC-110	2.5	3.5	Total PCB	0.46	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-066	2.5	3.5	Total PCB	0.38	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-067	2.4	3.3	Total PCB	0.013	mg/kg	2008 Low-resolution Coring Program
2008 CLRC-109	2.5	3.5	Total PCB	0.0001	mg/kg	2008 Low-resolution Coring Program
2011 RM10.9-0338	2.5	3.5	Total PCB	28.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0314	2.5	3.5	Total PCB	24.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0322	2.5	3.5	Total PCB	24.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0333	2.5	3.5	Total PCB	24.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0351	2.5	3.5	Total PCB	23.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0339	2.5	3.5	Total PCB	22.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0344	2.5	3.5	Total PCB	20.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0318	2.5	3.5	Total PCB	18.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0343	2.5	3.5	Total PCB	18.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0340	2.5	3.5	Total PCB	11.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0312	2.5	3.5	Total PCB	10.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0325	2.5	3.5	Total PCB	9.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0350	2.5	3.5	Total PCB	8.8	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0310	2.5	3.5	Total PCB	8.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0316	2.5	3.5	Total PCB	8.0	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0315	2.5	3.5	Total PCB	7.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0317	2.5	3.5	Total PCB	6.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0321	2.5	3.5	Total PCB	5.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0306	2.5	3.5	Total PCB	5.9	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2d

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 2.5 to 3.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2011 RM10.9-0302	2.5	3.5	Total PCB	4.7	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0309	2.5	3.5	Total PCB	4.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0308	2.5	3.5	Total PCB	3.9	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0346	2.5	3.5	Total PCB	3.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0313	2.5	3.5	Total PCB	3.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0332	2.5	3.5	Total PCB	3.3	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0304	2.5	3.5	Total PCB	3.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0329	2.5	3.5	Total PCB	2.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0305	2.5	3.5	Total PCB	2.5	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0301	2.5	3.5	Total PCB	2.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0348	2.5	2.8	Total PCB	2.4	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0307	2.5	3.5	Total PCB	2.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0311	2.5	3.5	Total PCB	1.6	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0337	2.5	3.5	Total PCB	1.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0324	2.5	3.5	Total PCB	1.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0345	2.5	3.5	Total PCB	1.2	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0328	2.5	3.5	Total PCB	1.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0342	2.5	3.5	Total PCB	1.1	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0303	2.5	3.5	Total PCB	0.72	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0336	2.5	3.5	Total PCB	0.59	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0349	2.5	3.5	Total PCB	0.53	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0320	2.5	3.5	Total PCB	0.41	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0341	2.5	3.1	Total PCB	0.41	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0347	2.5	3.5	Total PCB	0.29	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0327	2.5	3.8	Total PCB	0.076	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0352	2.5	3.5	Total PCB	0.053	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0353	2.5	3	Total PCB	0.039	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0331	2.5	3.5	Total PCB	0.0079	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0334	2.5	3.5	Total PCB	0.0061	mg/kg	2011 River Mile 10.9 Sediment Investigation

TABLE A-2d

RM 10.9 Concentration Data for 2,3,7,8-TCDD, Mercury, and Total PCBs, 2.5 to 3.5 ft bgs Interval*RM 10.9 Pre-Final Design Report, Lower Passaic River Study Area, New Jersey*

Sample Location	Depth		Parameter	Concentration	Units	Sampling Program
	Interval	(ft bgs)				
2011 RM10.9-0330	2.5	3.5	Total PCB	0.0036	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0335	2.5	3.5	Total PCB	0.0017	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0323	2.5	3.5	Total PCB	0.0009	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0326	2.5	3.5	Total PCB	0.0008	mg/kg	2011 River Mile 10.9 Sediment Investigation
2011 RM10.9-0319	2.5	3.5	Total PCB	0.0001	mg/kg	2011 River Mile 10.9 Sediment Investigation
2012 RM10.9 A-0365	2.5	3.5	Total PCB	2.7	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0356	2.5	4	Total PCB	0.0009	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0357	2.5	4	Total PCB	0.0004	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A
2012 RM10.9 A-0355	2.5	3.74	Total PCB	0.0001	mg/kg	2012 River Mile 10.9 Sediment Investigation Addendum A

Notes: Duplicate samples averaged. 2,3,7,8-TCDD, 2,3,7,8-tetrachlorodibenzo-p-dioxin; PCB, polychlorinated biphenyl; ft bgs, feet below ground (sediment) surface; ng/kg, nanograms per kilogram; mg/kg, milligrams per kilogram.