Table C.1 - Split Sample Results

SDG	Sample ID	Split Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
AP01	CMS-602-A	CMS-602-A-QC	8280	2,3,7,8-TCDD	0.0038		0.00316		18.39
AP02	CMS-611-A	CMS-611-A-QC	8280	2,3,7,8-TCDD	0.002	J	0.000221		160.20
AP03	CMS-617-A	CMS-617-A-QC	8280	2,3,7,8-TCDD	0.012		0.00256		129.67
GP01	CMS-153-B	CMS-153-B-QC	8280	2,3,7,8-TCDD	0.0001	J	0.0000248	U	120.51
GP02	CMS-404-A	CMS-404-A-QC	8280	2,3,7,8-TCDD	0.000083	J	0.000219		-90.07
GP03	CMS-410-E	CMS-410-E-QC	8280	2,3,7,8-TCDD	0.00029	U	0.000449		-43.03
GP04	CMS-405-C	CMS-405-C-QC	8280	2,3,7,8-TCDD	0.0001	U	0.0000271		114.71
GP05	CMS-409-F	CMS-409-F-QC	8280	2,3,7,8-TCDD	0.0000036	U	0.0000113	U	0.00
GP06	CMS-416-D	CMS-416-D-QC	8280	2,3,7,8-TCDD	0.0000057	U	0.000006	U	0.00
GP07	CMS-142-A	CMS-142-A-QC	8280	2,3,7,8-TCDD	0.00069	J	0.00205		-99.27
GP08	CMS-406-C	CMS-406-C-QC	8280	2,3,7,8-TCDD	0.0000054	U	0.0000407		-153.15
GP09	CMS-060-A	CMS-060-A-QC	8280	2,3,7,8-TCDD	0.00082	J	0.000491		50.19
GP10	CMS-069-B	CMS-069-B-QC	8280	2,3,7,8-TCDD	0.00017	J	0.000271		-45.80
GP11	CMS-420-C	CMS-420-C-QC	8280	2,3,7,8-TCDD	0.0029	U	0.0006429	U	0.00
GP12	CMS-162-D	CMS-162-D-QC	8280	2,3,7,8-TCDD	0.00086	J	0.000624		31.81
GP13	CMS-419-B	CMS-419-B-QC	8280	2,3,7,8-TCDD	0.00012	U	0.0001539	UJ	0.00
GP14	CMS-426-C	CMS-426-C-QC	8280	2,3,7,8-TCDD	0.0082		0.00431		62.19
GP15	CMS-421-C	CMS-421-C-QC	8280	2,3,7,8-TCDD	0.00032	U	0.0000491	U	0.00
GP16	CMS-432-C	CMS-432-C-QC	8280	2,3,7,8-TCDD	0.000036	U	0.0000281		24.65
GP17	CMS-455-F	CMS-455-F-QC	8280	2,3,7,8-TCDD	0.00014	U	0.000146		-4.20
GP18	CMS-428-E	CMS-428-E-QC	8280	2,3,7,8-TCDD	0.000027	U	0.0000083		0.00
GP19	CMS-453-D	CMS-453-D-QC	8280	2,3,7,8-TCDD	0.011	J	0.0429		-118.37
HA01	CMS-161-B	CMS-161-B-QC	8280	2,3,7,8-TCDD	0.000071	J	0.000124		-54.36
HA02	CMS-147-C	CMS-147-C-QC	8280	2,3,7,8-TCDD	0.006	U	0.000336		178.79
HA03	CMS-177-A.	CMS-177-A-QC	8280	2,3,7,8-TCDD	0.01		0.0226		-77.30
HA04	CMS-150-A	CMS-150-A-QC	8280	2,3,7,8-TCDD	0.00021	J	0.000611		-97.69
HA05	CMS-193-A	CMS-193-A-QC	8280	2,3,7,8-TCDD	0.0072		0.00522		31.88
HA06	CMS-191-A	CMS-191-A-QC	8280	2,3,7,8-TCDD	0.0054	J	0.0259		-130.99
HA07	CMS-214-B	CMS-214-B-QC	8280	2,3,7,8-TCDD	0.00013	J	0.000391		-100.19
HA08	CMS-435-A	CMS-435-A-QC	8280	2,3,7,8-TCDD	0.000042	J	0.0000566		-29.61
HA09	CMS-019-B	CMS-019-B-QC	8280	2,3,7,8-TCDD	0.000031	U	0.0000092	U	0.00
HA10	CMS-023-B	CMS-023-B-QC	8280	2,3,7,8-TCDD	0.027	J	0.02809		-3.96
HA11	CMS-215-C-1	CMS-215-C-1-Q	8280	2,3,7,8-TCDD	0.000013	U	0.000022		-51.43

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Table C.1 - Split Sample Results

SDG	Sample ID	Split Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
AD01	AD-04-A	AD-04-A-QC	8290	1,2,3,4,6,7,8-HpDD	0.0018	J	0.00245		-30.59
AD01	AD-04-A	AD-04-A-QC	8290	1,2,3,4,6,7,8-HpDF	0.00076	J	0.000364		70.46
AD01	AD-04-A	AD-04-A-QC	8290	1,2,3,4,7,8,9-HpDF	0.000032		0.0000224		35.29
AD01	AD-04-A	AD-04-A-QC	8290	1,2,3,4,7,8-HxDD	0.000033	J	0.0000333		-0.90
AD01	AD-04-A	AD-04-A-QC	8290	1,2,3,4,7,8-HxDF	0.00009		0.0000471		62.58
AD01	AD-04-A	AD-04-A-QC	8290	1,2,3,6,7,8-HxDD	0.0001	J	0.0000911		9.31
AD01	AD-04-A	AD-04-A-QC	8290	1,2,3,6,7,8-HxDF	0.000078	J	0.0000393		65.98
AD01	AD-04-A	AD-04-A-QC	8290	1,2,3,7,8,9-HxDD	0.000095	J	0.000079		18.39
AD01	AD-04-A	AD-04-A-QC	8290	1,2,3,7,8,9-HxDF	0.0000027	U	0.0000126		-129.41
AD01	AD-04-A	AD-04-A-QC	8290	1,2,3,7,8-PeDD	0.000031	J	0.000044		-34.67
AD01	AD-04-A	AD-04-A-QC	8290	1,2,3,7,8-PeDF	0.00002		0.0000141		34.60
AD01	AD-04-A	AD-04-A-QC	8290	2,3,4,6,7,8-HxDF	0.000037		0.0000514		-32.58
AD01	AD-04-A	AD-04-A-QC	8290	2,3,4,7,8-PeDF	0.000038	J	0.0000845		-75.92
AD01	AD-04-A	AD-04-A-QC	8290	2,3,7,8-TCDD	0.026	J	0.0342	J	-27.24
AD01	AD-04-A	AD-04-A-QC	8290	2,3,7,8-TCDF	0.000052	J	0.0000723		-32.66
AD01	AD-04-A	AD-04-A-QC	8290	OCDD	0.013	J	0.0149	J	-13.62
AD01	AD-04-A	AD-04-A-QC	8290	OCDF	0.0008		0.00058		31.88
AD01	AD-04-A	AD-04-A-QC	8290	Total HpCDDs	0.0033		0.00421		-24.23
AD01	AD-04-A	AD-04-A-QC	8290	Total HpCDFs	0.0015		0.000793		61.67
AD01	AD-04-A	AD-04-A-QC	8290	Total HxCDDs	0.00078		0.000714		8.84
AD01	AD-04-A	AD-04-A-QC	8290	Total HxCDFs	0.0015		0.00102		38.10
AD01	AD-04-A	AD-04-A-QC	8290	Total PeCDDs	0.00017		0.000285		-50.55
AD01	AD-04-A	AD-04-A-QC	8290	Total PeCDFs	0.0015		0.00147	J	2.02
AD01	AD-04-A	AD-04-A-QC	8290	Total TCDDs	0.027		0.0351		-26.09
AD01	AD-04-A	AD-04-A-QC	8290	Total TCDFs	0.0015		0.00218	J	-36.96
HA12	CMS-463-A	CMS-463-A-QC	8290	1,2,3,4,6,7,8-HpDD	0.0000442		0.000024		59.24
HA12	CMS-463-A	CMS-463-A-QC	8290	1,2,3,4,6,7,8-HpDF	0.0000152		0.000012		23.53
HA12	CMS-463-A	CMS-463-A-QC	8290	1,2,3,4,7,8,9-HpDF	.000000882		0.00000081	U	8.51
HA12	CMS-463-A	CMS-463-A-QC	8290	1,2,3,4,7,8-HxDD	.000000752		0.00000042	U	56.66
HA12	CMS-463-A	CMS-463-A-QC	8290	1,2,3,4,7,8-HxDF	0.00000262		0.0000035		-28.76
HA12	CMS-463-A	CMS-463-A-QC	8290	1,2,3,6,7,8-HxDD	0.00000314	UJ	0.0000021	U	0.00
HA12	CMS-463-A	CMS-463-A-QC	8290	1,2,3,6,7,8-HxDF	0.00000332		0.0000033	J	0.60
HA12	CMS-463-A	CMS-463-A-QC	8290	1,2,3,7,8,9-HxDD	0.00000196	UJ	0.0000017	U	0.00
HA12	CMS-463-A	CMS-463-A-QC	8290	1,2,3,7,8,9-HxDF	.000000908		0.00000038	U	81.99
HA12	CMS-463-A	CMS-463-A-QC	8290	1,2,3,7,8-PeDD	0.00000102	UJ	0.00000097	UJ	0.00
HA12	CMS-463-A	CMS-463-A-QC	8290	1,2,3,7,8-PeDF	0.00000155		0.0000016	U	-3.17
HA12	CMS-463-A	CMS-463-A-QC	8290	2,3,4,6,7,8-HxDF	0.00000657		0.0000041		46.30
HA12	CMS-463-A	CMS-463-A-QC	8290	2,3,4,7,8-PeDF	0.000012		0.0000026	U	128.77
HA12	CMS-463-A	CMS-463-A-QC	8290	2,3,7,8-TCDD	0.000016		0.000015		6.45
HA12	CMS-463-A	CMS-463-A-QC	8290	2,3,7,8-TCDF	0.0000034		0.0000026		26.67
HA12	CMS-463-A	CMS-463-A-QC	8290	OCDD	0.00028		0.00014		66.67
HA12	CMS-463-A	CMS-463-A-QC	8290	OCDF	0.0000181		0.000011	J	48.80
HA12	CMS-463-A	CMS-463-A-QC	8290	Total HpCDDs	0.0000795	J	0.000043	J	59.59
HA12	CMS-463-A	CMS-463-A-QC	8290	Total HpCDFs	0.0000298	J	0.000022	J	30.12
HA12	CMS-463-A	CMS-463-A-QC	8290	Total HxCDDs	0.0000305	UJ	0.000011	J	93.98

Table C.1 - Split Sample Results

SDG	Sample ID	Split Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
HA12	CMS-463-A	CMS-463-A-QC	8290	Total HxCDFs	0.000083	J	0.000067	J	21.33
HA12	CMS-463-A	CMS-463-A-QC	8290	Total PeCDDs	0.0000157	UJ	0.0000025	UJ	0.00
HA12	CMS-463-A	CMS-463-A-QC	8290	Total PeCDFs	0.000155	J	0.00014	J	10.17
HA12	CMS-463-A	CMS-463-A-QC	8290	Total TCDDs	0.0000269	J	0.000025	J	7.32
HA12	CMS-463-A	CMS-463-A-QC	8290	Total TCDFs	0.0000927	J	0.000088	J	5.20
HA13	CMS-477-C	CMS-477-C-QC	8290	1,2,3,4,6,7,8-HpDD	0.000286		0.00087	J	-101.04
HA13	CMS-477-C	CMS-477-C-QC	8290	1,2,3,4,6,7,8-HpDF	0.000191		0.00027	J	-34.27
HA13	CMS-477-C	CMS-477-C-QC	8290	1,2,3,4,7,8,9-HpDF	0.00000879		0.000014	J	-45.72
HA13	CMS-477-C	CMS-477-C-QC	8290	1,2,3,4,7,8-HxDD	0.00000517		0.000012	J	-79.56
HA13	CMS-477-C	CMS-477-C-QC	8290	1,2,3,4,7,8-HxDF	0.0000152		0.000034	J	-76.42
HA13	CMS-477-C	CMS-477-C-QC	8290	1,2,3,6,7,8-HxDD	0.0000173		0.000049	J	-95.63
HA13	CMS-477-C	CMS-477-C-QC	8290	1,2,3,6,7,8-HxDF	0.0000159		0.000027	J	-51.75
HA13	CMS-477-C	CMS-477-C-QC	8290	1,2,3,7,8,9-HxDD	0.0000117		0.000041	J	-111.20
HA13	CMS-477-C	CMS-477-C-QC	8290	1,2,3,7,8,9-HxDF	0.00000229		0.00000082	UJ	94.53
HA13	CMS-477-C	CMS-477-C-QC	8290	1,2,3,7,8-PeDD	0.0000106		0.000016	J	-40.60
HA13	CMS-477-C	CMS-477-C-QC	8290	1,2,3,7,8-PeDF	0.00000494		0.0000094	UJ	-62.20
HA13	CMS-477-C	CMS-477-C-QC	8290	2,3,4,6,7,8-HxDF	0.000018		0.000017	J	5.71
HA13	CMS-477-C	CMS-477-C-QC	8290	2,3,4,7,8-PeDF	0.0000255		0.000019	J	29.21
HA13	CMS-477-C	CMS-477-C-QC	8290	2,3,7,8-TCDD	0.00273	J	0.0088	J	-105.29
HA13	CMS-477-C	CMS-477-C-QC	8290	2,3,7,8-TCDF	0.0000145		0.000024	J	-49.35
HA13	CMS-477-C	CMS-477-C-QC	8290	OCDD	0.0018	J	0.0055	J	-101.37
HA13	CMS-477-C	CMS-477-C-QC	8290	OCDF	0.000203		0.00033	J	-47.65
HA13	CMS-477-C	CMS-477-C-QC	8290	Total HpCDDs	0.000511	J	0.0016	J	-103.17
HA13	CMS-477-C	CMS-477-C-QC	8290	Total HpCDFs	0.000353	J	0.00056	J	-45.35
HA13	CMS-477-C	CMS-477-C-QC	8290	Total HxCDDs	0.000129	J	0.00033	J	-87.58
HA13	CMS-477-C	CMS-477-C-QC	8290	Total HxCDFs	0.000346	J	0.00056	J	-47.24
HA13	CMS-477-C	CMS-477-C-QC	8290	Total PeCDDs	0.000061	J	0.000081	J	-28.17
HA13	CMS-477-C	CMS-477-C-QC	8290	Total PeCDFs	0.000213	J	0.00081	J	-116.72
HA13	CMS-477-C	CMS-477-C-QC	8290	Total TCDDs	0.00283	J	0.0091	J	-105.11
HA13	CMS-477-C	CMS-477-C-QC	8290	Total TCDFs	0.000361	J	0.0011	J	-101.16
HA14	CMS-484-C	CMS-484-C-QC	8290	1,2,3,4,6,7,8-HpDD	0.0000328		0.000061		-60.13
HA14	CMS-484-C	CMS-484-C-QC	8290	1,2,3,4,6,7,8-HpDF	0.0000274		0.000051		-60.20
HA14	CMS-484-C	CMS-484-C-QC	8290	1,2,3,4,7,8,9-HpDF	0.00000236		0.0000035		-38.91
HA14	CMS-484-C	CMS-484-C-QC	8290	1,2,3,4,7,8-HxDD	0.00000154		0.0000016	U	-3.82
HA14	CMS-484-C	CMS-484-C-QC	8290	1,2,3,4,7,8-HxDF	0.00000614		0.000012		-64.61
HA14	CMS-484-C	CMS-484-C-QC	8290	1,2,3,6,7,8-HxDD	0.00000648		0.00001		-42.72
HA14	CMS-484-C	CMS-484-C-QC	8290	1,2,3,6,7,8-HxDF	0.0000138		0.00002		-36.69
HA14	CMS-484-C	CMS-484-C-QC	8290	1,2,3,7,8,9-HxDD	0.00000361		0.0000061		-51.29
HA14	CMS-484-C	CMS-484-C-QC	8290	1,2,3,7,8,9-HxDF	0.00000366		0.0000004	U	160.59
HA14	CMS-484-C	CMS-484-C-QC	8290	1,2,3,7,8-PeDD	0.00000189		0.0000027	U	-35.29
HA14	CMS-484-C	CMS-484-C-QC	8290	1,2,3,7,8-PeDF	0.00000168	U	0.0000038		-77.37
HA14	CMS-484-C	CMS-484-C-QC	8290	2,3,4,6,7,8-HxDF	0.0000388		0.00002		63.95
HA14	CMS-484-C	CMS-484-C-QC	8290	2,3,4,7,8-PeDF	0.0000783		0.000016		132.13
HA14	CMS-484-C	CMS-484-C-QC	8290	2,3,7,8-TCDD	.000000415	UJ	0.0000044		-165.52
HA14	CMS-484-C	CMS-484-C-QC	8290	2,3,7,8-TCDF	0.00000365		0.0000076		-70.22

Table C.1 - Split Sample Results

SDG	Sample ID	Split Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
HA14	CMS-484-C	CMS-484-C-QC	8290	OCDD	0.00014	J	0.00043	J	-101.75
HA14	CMS-484-C	CMS-484-C-QC	8290	OCDF	0.0000328		0.000062	J	-61.60
HA14	CMS-484-C	CMS-484-C-QC	8290	Total HpCDDs	0.0000663	J	0.00013	J	-64.90
HA14	CMS-484-C	CMS-484-C-QC	8290	Total HpCDFs	0.000065	J	0.00013	J	-66.67
HA14	CMS-484-C	CMS-484-C-QC	8290	Total HxCDDs	0.0000618	J	0.000086	J	-32.75
HA14	CMS-484-C	CMS-484-C-QC	8290	Total HxCDFs	0.000466	J	0.00064	J	-31.46
HA14	CMS-484-C	CMS-484-C-QC	8290	Total PeCDDs	0.0000254	J	0.000015	J	51.49
HA14	CMS-484-C	CMS-484-C-QC	8290	Total PeCDFs	0.00085	J	0.00096	J	-12.15
HA14	CMS-484-C	CMS-484-C-QC	8290	Total TCDDs	0.00000829	J	0.000024	J	-97.31
HA14	CMS-484-C	CMS-484-C-QC	8290	Total TCDFs	0.000397	J	0.00049	J	-20.97
HA15	CMS-490-B	CMS-490-B-QC	8290	1,2,3,4,6,7,8-HpDD	0.0000519		0.000052		-0.19
HA15	CMS-490-B	CMS-490-B-QC	8290	1,2,3,4,6,7,8-HpDF	0.0000302		0.000042		-32.69
HA15	CMS-490-B	CMS-490-B-QC	8290	1,2,3,4,7,8,9-HpDF	0.0000017		0.0000023	U	-30.00
HA15	CMS-490-B	CMS-490-B-QC	8290	1,2,3,4,7,8-HxDD	.000000878		0.00000071	U	21.16
HA15	CMS-490-B	CMS-490-B-QC	8290	1,2,3,4,7,8-HxDF	0.00000207		0.0000043		-70.02
HA15	CMS-490-B	CMS-490-B-QC	8290	1,2,3,6,7,8-HxDD	0.00000238		0.0000025	U	-4.92
HA15	CMS-490-B	CMS-490-B-QC	8290	1,2,3,6,7,8-HxDF	0.00000251		0.0000038	J	-40.89
HA15	CMS-490-B	CMS-490-B-QC	8290	1,2,3,7,8,9-HxDD	0.00000185		0.0000023	U	-21.69
HA15	CMS-490-B	CMS-490-B-QC	8290	1,2,3,7,8,9-HxDF	.000000583	U	0.00000082	U	0.00
HA15	CMS-490-B	CMS-490-B-QC	8290	1,2,3,7,8-PeDD	.000000835	J	0.0000013	UJ	-43.56
HA15	CMS-490-B	CMS-490-B-QC	8290	1,2,3,7,8-PeDF	.000000716		0.00000074	U	-3.30
HA15	CMS-490-B	CMS-490-B-QC	8290	2,3,4,6,7,8-HxDF	0.00000226		0.0000021	U	7.34
HA15	CMS-490-B	CMS-490-B-QC	8290	2,3,4,7,8-PeDF	0.00000252		0.0000014	U	57.14
HA15	CMS-490-B	CMS-490-B-QC	8290	2,3,7,8-TCDD	0.000307		0.00045		-37.78
HA15	CMS-490-B	CMS-490-B-QC	8290	2,3,7,8-TCDF	0.00000222		0.0000021		5.56
HA15	CMS-490-B	CMS-490-B-QC	8290	OCDD	0.000336		0.00035		-4.08
HA15	CMS-490-B	CMS-490-B-QC	8290	OCDF	0.0000395		0.000037	J	6.54
HA15	CMS-490-B	CMS-490-B-QC	8290	Total HpCDDs	0.0000971	J	0.000096	J	1.14
HA15	CMS-490-B	CMS-490-B-QC	8290	Total HpCDFs	0.0000564	J	0.000073	J	-25.66
HA15	CMS-490-B	CMS-490-B-QC	8290	Total HxCDDs	0.0000213	J	0.000014	J	41.36
HA15	CMS-490-B	CMS-490-B-QC	8290	Total HxCDFs	0.0000475	J	0.000058	J	-19.91
HA15	CMS-490-B	CMS-490-B-QC	8290	Total PeCDDs	0.00000383	J	0.0000036	J	6.19
HA15	CMS-490-B	CMS-490-B-QC	8290	Total PeCDFs	0.0000482	J	0.000055	J	-13.18
HA15	CMS-490-B	CMS-490-B-QC	8290	Total TCDDs	0.000318	J	0.00046	J	-36.50
HA15	CMS-490-B	CMS-490-B-QC	8290	Total TCDFs	0.0000477	J	0.000068	J	-35.09
HA16	CMS-504-A	CMS-504-A-QC	8290	1,2,3,4,6,7,8-HpDD	0.000021	EB	0.000019		10.00
HA16	CMS-504-A	CMS-504-A-QC	8290	1,2,3,4,6,7,8-HpDF	0.0000124		0.000011		11.97
HA16	CMS-504-A	CMS-504-A-QC	8290	1,2,3,4,7,8,9-HpDF	0.00000156		0.0000014		10.81
HA16	CMS-504-A	CMS-504-A-QC	8290	1,2,3,4,7,8-HxDD	.000000957		0.00000069		32.42
HA16	CMS-504-A	CMS-504-A-QC	8290	1,2,3,4,7,8-HxDF	0.00000453		0.000008		-55.39
HA16	CMS-504-A	CMS-504-A-QC	8290	1,2,3,6,7,8-HxDD	0.0000019		0.0000015		23.53
HA16	CMS-504-A	CMS-504-A-QC	8290	1,2,3,6,7,8-HxDF	0.00000332		0.0000033	J	0.60
HA16	CMS-504-A	CMS-504-A-QC	8290	1,2,3,7,8,9-HxDD	0.00000152		0.0000023		-40.84
HA16	CMS-504-A	CMS-504-A-QC	8290	1,2,3,7,8,9-HxDF	.000000996		0.00000043		79.38
HA16	CMS-504-A	CMS-504-A-QC	8290	1,2,3,7,8-PeDD	.000000972		0.0000019		-64.62

Table C.1 - Split Sample Results

SDG	Sample ID	Split Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
HA16	CMS-504-A	CMS-504-A-QC	8290	1,2,3,7,8-PeDF	0.00000405		0.0000036	J	11.76
HA16	CMS-504-A	CMS-504-A-QC	8290	2,3,4,6,7,8-HxDF	0.00000379		0.000003	J	23.27
HA16	CMS-504-A	CMS-504-A-QC	8290	2,3,4,7,8-PeDF	0.0000066		0.0000046	J	35.71
HA16	CMS-504-A	CMS-504-A-QC	8290	2,3,7,8-TCDD	0.0000259		0.000028		-7.79
HA16	CMS-504-A	CMS-504-A-QC	8290	2,3,7,8-TCDF	0.0000104		0.000011	CON	-5.61
HA16	CMS-504-A	CMS-504-A-QC	8290	OCDD	0.00013		0.00011		16.67
HA16	CMS-504-A	CMS-504-A-QC	8290	OCDF	0.0000157		0.000013		18.82
HA16	CMS-504-A	CMS-504-A-QC	8290	Total HpCDDs	0.0000408	JEB	0.000036		12.50
HA16	CMS-504-A	CMS-504-A-QC	8290	Total HpCDFs	0.0000213	J	0.000017		22.45
HA16	CMS-504-A	CMS-504-A-QC	8290	Total HxCDDs	0.0000204	JEB	0.000014		37.21
HA16	CMS-504-A	CMS-504-A-QC	8290	Total HxCDFs	0.0000453	J	0.000041		9.97
HA16	CMS-504-A	CMS-504-A-QC	8290	Total PeCDDs	0.0000132	JEB	0.000003		125.93
HA16	CMS-504-A	CMS-504-A-QC	8290	Total PeCDFs	0.000075	J	0.000063		17.39
HA16	CMS-504-A	CMS-504-A-QC	8290	Total TCDDs	0.0000449	J	0.00005		-10.75
HA16	CMS-504-A	CMS-504-A-QC	8290	Total TCDFs	0.000102	J	0.00012		-16.22

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
AD01	AD-04-A	AD01-FD	6010B	Arsenic	76.5	U	75.7	U	0.00
AD01	AD-04-A	AD01-FD	6010B	Barium	212		209		1.43
AD01	AD-04-A	AD01-FD	6010B	Cadmium	4.3		5.5		-24.49
AD01	AD-04-A	AD01-FD	6010B	Chromium	382	J	354	J	7.61
AD01	AD-04-A	AD01-FD	6010B	Lead	629		528		17.46
AD01	AD-04-A	AD01-FD	6010B	Selenium	63.7	U	63.1	U	0.00
AD01	AD-04-A	AD01-FD	6010B	Silver	8.9	J	3.7	J	82.54
GP04	CMS-405-B	GP04-FD	6010B	Aluminum	7940	J	3220	J	84.59
GP04	CMS-405-B	GP04-FD	6010B	Antimony	1.5	J	5.2	J	-110.45
GP04	CMS-405-B	GP04-FD	6010B	Arsenic	5.8	J	12.9	J	-75.94
GP04	CMS-405-B	GP04-FD	6010B	Barium	210	J	246	J	-15.79
GP04	CMS-405-B	GP04-FD	6010B	Beryllium	0.46	J	0.28	J	48.65
GP04	CMS-405-B	GP04-FD	6010B	Cadmium	11.5		10.6		8.14
GP04	CMS-405-B	GP04-FD	6010B	Calcium	18100	J	1930	J	161.46
GP04	CMS-405-B	GP04-FD	6010B	Chromium	62.4	J	51.0	J	20.11
GP04	CMS-405-B	GP04-FD	6010B	Cobalt	8.3	J	8.3	J	0.00
GP04	CMS-405-B	GP04-FD	6010B	Copper	147		206		-33.43
GP04	CMS-405-B	GP04-FD	6010B	Iron	30500		23800		24.68
GP04	CMS-405-B	GP04-FD	6010B	Lead	306	J	450	J	-38.10
GP04	CMS-405-B	GP04-FD	6010B	Magnesium	2730		898	J	100.99
GP04	CMS-405-B	GP04-FD	6010B	Manganese	453	J	336	J	29.66
GP04	CMS-405-B	GP04-FD	6010B	Molybdenum	4.2	J	7.6		-57.63
GP04	CMS-405-B	GP04-FD	6010B	Nickel	32.2		41.2		-24.52
GP04	CMS-405-B	GP04-FD	6010B	Potassium	839	J	396	J	71.74
GP04	CMS-405-B	GP04-FD	6010B	Selenium	2.3	J	3.2	J	-32.73
GP04	CMS-405-B	GP04-FD	6010B	Silver	3.8		17.7		-129.30
GP04	CMS-405-B	GP04-FD	6010B	Sodium	310	J	342	J	-9.82
GP04	CMS-405-B	GP04-FD	6010B	Thallium	383	U	375	U	0.00
GP04	CMS-405-B	GP04-FD	6010B	Vanadium	21.5		15.0		35.62
GP04	CMS-405-B	GP04-FD	6010B	Zinc	3270		1770		59.52
GP07	CMS-142-A	GP07-FD	6010B	Aluminum	4730		4510		4.76
GP07	CMS-142-A	GP07-FD	6010B	Antimony	0.61	J	10.0	U	-177.00
GP07	CMS-142-A	GP07-FD	6010B	Arsenic	4.4	J	3.4	J	25.64
GP07	CMS-142-A	GP07-FD	6010B	Barium	21.8	J	19.0	J	13.73
GP07	CMS-142-A	GP07-FD	6010B	Beryllium	0.53	J	0.55	J	-3.70
GP07	CMS-142-A	GP07-FD	6010B	Cadmium	0.47	U	0.49	U	0.00
GP07	CMS-142-A	GP07-FD	6010B	Calcium	565	J	467	J	18.99
GP07	CMS-142-A	GP07-FD	6010B	Chromium	33.3	J	22.1	J	40.43
GP07	CMS-142-A	GP07-FD	6010B	Cobalt	1.6	J	1.3	J	20.69
GP07	CMS-142-A	GP07-FD	6010B	Copper	18.5	J	13.1	J	34.18
GP07	CMS-142-A	GP07-FD	6010B	Iron	8820		7450		16.84
GP07	CMS-142-A	GP07-FD	6010B	Lead	95.8	J	66.7	J	35.82
GP07	CMS-142-A	GP07-FD	6010B	Magnesium	570	J	458	J	21.79
GP07	CMS-142-A	GP07-FD	6010B	Manganese	82.9		69.8		17.16
GP07	CMS-142-A	GP07-FD	6010B	Molybdenum	2.7	J	2.2	J	20.41

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP07	CMS-142-A	GP07-FD	6010B	Nickel	5.1	J	4.0	J	24.18
GP07	CMS-142-A	GP07-FD	6010B	Potassium	266	J	225	J	16.70
GP07	CMS-142-A	GP07-FD	6010B	Selenium	1.5	J	1.0	J	40.00
GP07	CMS-142-A	GP07-FD	6010B	Silver	0.33	J	1.7	U	-134.98
GP07	CMS-142-A	GP07-FD	6010B	Sodium	77.6	J	68.7	J	12.17
GP07	CMS-142-A	GP07-FD	6010B	Thallium	349	U	334	U	0.00
GP07	CMS-142-A	GP07-FD	6010B	Vanadium	22.6	J	15.7	J	36.03
GP07	CMS-142-A	GP07-FD	6010B	Zinc	55.3	J	59.4	J	-7.15
GP09	CMS-060-A	GP09-FD	6010B	Aluminum	5190		5360		-3.22
GP09	CMS-060-A	GP09-FD	6010B	Antimony		R		R	NA
GP09	CMS-060-A	GP09-FD	6010B	Arsenic	7.6	J	7.7	J	-1.31
GP09	CMS-060-A	GP09-FD	6010B	Barium	40.2		62.5		-43.43
GP09	CMS-060-A	GP09-FD	6010B	Beryllium	0.66	J	1.3	J	-65.31
GP09	CMS-060-A	GP09-FD	6010B	Cadmium	0.21	J	0.52	J	-84.93
GP09	CMS-060-A	GP09-FD	6010B	Calcium	749	J	1040	J	-32.53
GP09	CMS-060-A	GP09-FD	6010B	Chromium	11.0		12.0		-8.70
GP09	CMS-060-A	GP09-FD	6010B	Cobalt	4.4	J	4.6	J	-4.44
GP09	CMS-060-A	GP09-FD	6010B	Copper	28.4	J	85.7	J	-100.44
GP09	CMS-060-A	GP09-FD	6010B	Iron	12300	J	12200		0.82
GP09	CMS-060-A	GP09-FD	6010B	Lead	35.7		65.3	J	-58.61
GP09	CMS-060-A	GP09-FD	6010B	Magnesium	1530		1290		17.02
GP09	CMS-060-A	GP09-FD	6010B	Manganese	271		214		23.51
GP09	CMS-060-A	GP09-FD	6010B	Molybdenum	2.3	J	2.1	J	9.09
GP09	CMS-060-A	GP09-FD	6010B	Nickel	8.8		9.6		-8.70
GP09	CMS-060-A	GP09-FD	6010B	Potassium	1160		898		25.46
GP09	CMS-060-A	GP09-FD	6010B	Selenium	0.67	J	0.55	J	19.67
GP09	CMS-060-A	GP09-FD	6010B	Silver	1.0	U	1.1	U	0.00
GP09	CMS-060-A	GP09-FD	6010B	Sodium	63.3	J	96.6	J	-41.65
GP09	CMS-060-A	GP09-FD	6010B	Thallium	205	U	212	U	0.00
GP09	CMS-060-A	GP09-FD	6010B	Vanadium	15.6		20.2		-25.70
GP09	CMS-060-A	GP09-FD	6010B	Zinc	53.2		72.9		-31.25
GP13	CMS-423-D	GP13-FD	6010B	Aluminum	7610		8110		-6.36
GP13	CMS-423-D	GP13-FD	6010B	Antimony	6.7	UJ	7.2	UJ	0.00
GP13	CMS-423-D	GP13-FD	6010B	Arsenic	5.6	J	5.2	J	7.41
GP13	CMS-423-D	GP13-FD	6010B	Barium	68.4		108		-44.90
GP13	CMS-423-D	GP13-FD	6010B	Beryllium	0.67		0.73		-8.57
GP13	CMS-423-D	GP13-FD	6010B	Cadmium	3.7	J	4.1	J	-10.26
GP13	CMS-423-D	GP13-FD	6010B	Calcium	1050		1350		-25.00
GP13	CMS-423-D	GP13-FD	6010B	Chromium	12.6	J	28.5	J	-77.37
GP13	CMS-423-D	GP13-FD	6010B	Cobalt	3.7	J	4.3	J	-15.00
GP13	CMS-423-D	GP13-FD	6010B	Copper	17.4	J	39.1	J	-76.81
GP13	CMS-423-D	GP13-FD	6010B	Iron	24600		16600		38.83
GP13	CMS-423-D	GP13-FD	6010B	Lead	55.3	J	101	J	-58.48
GP13	CMS-423-D	GP13-FD	6010B	Magnesium	1160	J	1730	J	-39.45
GP13	CMS-423-D	GP13-FD	6010B	Manganese	274		225		19.64

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP13	CMS-423-D	GP13-FD	6010B	Molybdenum	2.4	J	3.3	J	-31.58
GP13	CMS-423-D	GP13-FD	6010B	Nickel	5.8		9.5		-48.37
GP13	CMS-423-D	GP13-FD	6010B	Potassium	2140	J	1060	J	67.50
GP13	CMS-423-D	GP13-FD	6010B	Selenium	1.9	J	1.0	J	62.07
GP13	CMS-423-D	GP13-FD	6010B	Silver	1.1	U	0.20	J	138.46
GP13	CMS-423-D	GP13-FD	6010B	Sodium	101	J	101	J	0.00
GP13	CMS-423-D	GP13-FD	6010B	Thallium	224	U	239	U	0.00
GP13	CMS-423-D	GP13-FD	6010B	Vanadium	14.7		17.1		-15.09
GP13	CMS-423-D	GP13-FD	6010B	Zinc	131		189		-36.25
GP17	CMS-455-E	GP17-FD	6010B	Aluminum	10800		11700		-8.00
GP17	CMS-455-E	GP17-FD	6010B	Antimony	8.7	UJ	9.2	UJ	0.00
GP17	CMS-455-E	GP17-FD	6010B	Arsenic	3.1	J	3.9	J	-22.86
GP17	CMS-455-E	GP17-FD	6010B	Barium	32.4	J	35.8	J	-9.97
GP17	CMS-455-E	GP17-FD	6010B	Beryllium	0.84		1.3		-42.99
GP17	CMS-455-E	GP17-FD	6010B	Cadmium	0.21	J	0.40	J	-62.30
GP17	CMS-455-E	GP17-FD	6010B	Calcium	1640	J	2110	J	-25.07
GP17	CMS-455-E	GP17-FD	6010B	Chromium	10.0		15.5		-43.14
GP17	CMS-455-E	GP17-FD	6010B	Cobalt	3.5	J	2.4	J	37.29
GP17	CMS-455-E	GP17-FD	6010B	Copper	2.8	J	6.7	J	-82.11
GP17	CMS-455-E	GP17-FD	6010B	Iron	15300		13000		16.25
GP17	CMS-455-E	GP17-FD	6010B	Lead	8.8	J	21.6	J	-84.21
GP17	CMS-455-E	GP17-FD	6010B	Magnesium	1560		1030		40.93
GP17	CMS-455-E	GP17-FD	6010B	Manganese	179	J	204	J	-13.05
GP17	CMS-455-E	GP17-FD	6010B	Molybdenum	2.4	J	2.6	J	-8.00
GP17	CMS-455-E	GP17-FD	6010B	Nickel	5.7		5.2	J	9.17
GP17	CMS-455-E	GP17-FD	6010B	Potassium	1120		687	J	47.92
GP17	CMS-455-E	GP17-FD	6010B	Selenium	0.74	J	0.77	J	-3.97
GP17	CMS-455-E	GP17-FD	6010B	Silver	1.4	U	1.5	U	0.00
GP17	CMS-455-E	GP17-FD	6010B	Sodium	189	J	237	J	-22.54
GP17	CMS-455-E	GP17-FD	6010B	Thallium	289	U	306	U	0.00
GP17	CMS-455-E	GP17-FD	6010B	Vanadium	21.2		17.5		19.12
GP17	CMS-455-E	GP17-FD	6010B	Zinc	30.2	J	31.4	J	-3.90

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP04	CMS-405-B	GP04-FD	7471A	Mercury	0.15		0.38		-86.79
GP07	CMS-142-A	GP07-FD	7471A	Mercury	0.30	J	0.31	J	-3.28
GP09	CMS-060-A	GP09-FD	7471A	Mercury	0.037	J	0.067	J	-57.69
GP13	CMS-423-D	GP13-FD	7471A	Mercury	0.094	J	0.18	J	-62.77
GP17	CMS-455-E	GP17-FD	7471A	Mercury	0.058	UJ	0.066	J	-12.90

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
AD01	AD-04-A	AD01-FD	8081A	4,4'-DDD	0.087	U	0.086	U	0.00
AD01	AD-04-A	AD01-FD	8081A	4,4'-DDE	0.17	J	0.16	J	6.06
AD01	AD-04-A	AD01-FD	8081A	4,4'-DDT	0.087	U	0.086	U	0.00
AD01	AD-04-A	AD01-FD	8081A	Aldrin	0.043	U	0.043	U	0.00
AD01	AD-04-A	AD01-FD	8081A	alpha-BHC	0.043	U	0.043	U	0.00
AD01	AD-04-A	AD01-FD	8081A	alpha-Chlordane	0.03	J	0.024	J	22.22
AD01	AD-04-A	AD01-FD	8081A	beta-BHC	0.043	U	0.043	U	0.00
AD01	AD-04-A	AD01-FD	8081A	Chlordane	0.03		0.024		22.22
AD01	AD-04-A	AD01-FD	8081A	delta-BHC	0.043	U	0.043	U	0.00
AD01	AD-04-A	AD01-FD	8081A	Dieldrin	0.17	J	0.072	J	80.99
AD01	AD-04-A	AD01-FD	8081A	Endosulfan I	0.021	J	0.028	J	-28.57
AD01	AD-04-A	AD01-FD	8081A	Endosulfan II	0.087	U	0.086	U	0.00
AD01	AD-04-A	AD01-FD	8081A	Endosulfan sulfate	0.087	U	0.086	U	0.00
AD01	AD-04-A	AD01-FD	8081A	Endrin	0.087	U	0.086	U	0.00
AD01	AD-04-A	AD01-FD	8081A	Endrin aldehyde	0.087	U	0.086	U	0.00
AD01	AD-04-A	AD01-FD	8081A	Endrin ketone	0.087	U	0.086	U	0.00
AD01	AD-04-A	AD01-FD	8081A	gamma-BHC (Lindane)	0.043	U	0.043	U	0.00
AD01	AD-04-A	AD01-FD	8081A	gamma-Chlordane	0.043	U	0.043	U	0.00
AD01	AD-04-A	AD01-FD	8081A	Heptachlor	0.043	U	0.043	U	0.00
AD01	AD-04-A	AD01-FD	8081A	Heptachlor epoxide	0.043	U	0.043	U	0.00
AD01	AD-04-A	AD01-FD	8081A	Methoxychlor	0.43	U	0.43	U	0.00
AD01	AD-04-A	AD01-FD	8081A	Toxaphene	1.7	U	1.7	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	4,4'-DDD	0.65	U	0.64	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	4,4'-DDE	0.65	U	0.64	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	4,4'-DDT	0.65	U	0.64	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	Aldrin	0.33	U	0.32	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	alpha-BHC	0.33	U	0.32	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	alpha-Chlordane	0.33	U	0.32	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	beta-BHC	0.33	U	0.32	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	Chlordane	0.33	U	0.32	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	delta-BHC	0.33	U	0.32	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	Dieldrin	0.65	U	0.64	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	Endosulfan I	0.33	U	0.32	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	Endosulfan II	0.65	U	0.64	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	Endosulfan sulfate	0.65	U	0.64	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	Endrin	0.65	U	0.64	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	Endrin aldehyde	0.65	U	0.64	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	Endrin ketone	0.65	U	0.64	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	gamma-BHC (Lindane)	0.33	U	0.32	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	gamma-Chlordane	0.33	U	0.32	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	Heptachlor	0.33	U	0.32	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	Heptachlor epoxide	0.33	U	0.32	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	Methoxychlor	3.3	U	3.2	U	0.00
GP04	CMS-405-B	GP04-FD	8081A	Toxaphene	13.0	U	13.0	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	4,4'-DDD	0.059	U	0.11	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP07	CMS-142-A	GP07-FD	8081A	4,4'-DDE	0.059	U	0.11	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	4,4'-DDT	0.059	U	0.11	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	Aldrin	0.03	U	0.057	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	alpha-BHC	0.03	U	0.057	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	alpha-Chlordane	0.03	U	0.057	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	beta-BHC	0.03	U	0.057	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	Chlordane	0.03	U	0.057	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	delta-BHC	0.03	U	0.057	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	Dieldrin	0.071		0.081	J	-13.16
GP07	CMS-142-A	GP07-FD	8081A	Endosulfan I	0.03	U	0.057	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	Endosulfan II	0.059	U	0.11	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	Endosulfan sulfate	0.059	U	0.11	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	Endrin	0.059	U	0.11	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	Endrin aldehyde	0.059	U	0.11	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	Endrin ketone	0.059	U	0.11	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	gamma-BHC (Lindane)	0.03	U	0.057	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	gamma-Chlordane	0.03	U	0.057	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	Heptachlor	0.03	U	0.057	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	Heptachlor epoxide	0.03	U	0.057	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	Methoxychlor	0.3	U	0.57	U	0.00
GP07	CMS-142-A	GP07-FD	8081A	Toxaphene	1.2	U	2.2	U	0.00
GP09	CMS-060-A	GP09-FD	8081A	4,4'-DDD	0.0017	U	0.009	U	0.00
GP09	CMS-060-A	GP09-FD	8081A	4,4'-DDE	0.0057	J	0.0095	J	-50.00
GP09	CMS-060-A	GP09-FD	8081A	4,4'-DDT	0.011	J	0.009	U	20.00
GP09	CMS-060-A	GP09-FD	8081A	Aldrin	0.0017	U	0.009	U	0.00
GP09	CMS-060-A	GP09-FD	8081A	alpha-BHC	0.0017	U	0.009	U	0.00
GP09	CMS-060-A	GP09-FD	8081A	beta-BHC	0.0011	J	0.0023	J	-70.59
GP09	CMS-060-A	GP09-FD	8081A	Chlordane	0.017	UJ	0.09	UJ	0.00
GP09	CMS-060-A	GP09-FD	8081A	delta-BHC	0.0017	U	0.009	U	0.00
GP09	CMS-060-A	GP09-FD	8081A	Dieldrin	0.042	J	0.16		-116.83
GP09	CMS-060-A	GP09-FD	8081A	Endosulfan I	0.0017	U	0.009	U	0.00
GP09	CMS-060-A	GP09-FD	8081A	Endosulfan II	0.0017	U	0.009	U	0.00
GP09	CMS-060-A	GP09-FD	8081A	Endosulfan sulfate	0.0017	U	0.009	U	0.00
GP09	CMS-060-A	GP09-FD	8081A	Endrin	0.00089	J	0.0043	J	-131.41
GP09	CMS-060-A	GP09-FD	8081A	Endrin aldehyde	0.0071	J	0.014	J	-65.40
GP09	CMS-060-A	GP09-FD	8081A	gamma-BHC (Lindane)	0.0017	U	0.009	U	0.00
GP09	CMS-060-A	GP09-FD	8081A	Heptachlor	0.0017	U	0.009	U	0.00
GP09	CMS-060-A	GP09-FD	8081A	Heptachlor epoxide	0.0017	U	0.009	U	0.00
GP09	CMS-060-A	GP09-FD	8081A	Methoxychlor	0.0034	U	0.015	J	-126.09
GP09	CMS-060-A	GP09-FD	8081A	Toxaphene	0.069	U	0.36	U	0.00
GP13	CMS-423-D	GP13-FD	8081A	4,4'-DDD	0.0095	U	0.01	U	0.00
GP13	CMS-423-D	GP13-FD	8081A	4,4'-DDE	0.047	J	0.052	J	-10.10
GP13	CMS-423-D	GP13-FD	8081A	4,4'-DDT	0.0095	U	0.01	U	0.00
GP13	CMS-423-D	GP13-FD	8081A	Aldrin	0.0056	J	0.01	U	-56.41
GP13	CMS-423-D	GP13-FD	8081A	alpha-BHC	0.0095	U	0.01	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP13	CMS-423-D	GP13-FD	8081A	beta-BHC	0.0095	U	0.01	U	0.00
GP13	CMS-423-D	GP13-FD	8081A	Chlordane	0.095	U	0.1	U	0.00
GP13	CMS-423-D	GP13-FD	8081A	delta-BHC	0.0095	U	0.01	U	0.00
GP13	CMS-423-D	GP13-FD	8081A	Dieldrin	0.041	J	0.0056	J	151.93
GP13	CMS-423-D	GP13-FD	8081A	Endosulfan I	0.0095	U	0.01	U	0.00
GP13	CMS-423-D	GP13-FD	8081A	Endosulfan II	0.0095	U	0.01	U	0.00
GP13	CMS-423-D	GP13-FD	8081A	Endosulfan sulfate	0.0029	J	0.0032	J	-9.84
GP13	CMS-423-D	GP13-FD	8081A	Endrin	0.0042	J	0.01	U	-81.69
GP13	CMS-423-D	GP13-FD	8081A	Endrin aldehyde	0.041	J	0.047	J	-13.64
GP13	CMS-423-D	GP13-FD	8081A	gamma-BHC (Lindane)	0.0095	U	0.01	U	0.00
GP13	CMS-423-D	GP13-FD	8081A	Heptachlor	0.0019	J	0.0032	J	-50.98
GP13	CMS-423-D	GP13-FD	8081A	Heptachlor epoxide	0.0095	U	0.01	U	0.00
GP13	CMS-423-D	GP13-FD	8081A	Methoxychlor	0.018	U	0.02	U	0.00
GP13	CMS-423-D	GP13-FD	8081A	Toxaphene	0.38	U	0.4	U	0.00
GP17	CMS-455-E	GP17-FD	8081A	4,4'-DDD	0.049	U	0.0021	J	183.56
GP17	CMS-455-E	GP17-FD	8081A	4,4'-DDE	0.049	U	0.0037	J	171.92
GP17	CMS-455-E	GP17-FD	8081A	4,4'-DDT	0.049	U	0.0052	U	0.00
GP17	CMS-455-E	GP17-FD	8081A	Aldrin	0.94	J	0.21	J	126.96
GP17	CMS-455-E	GP17-FD	8081A	alpha-BHC	0.049	U	0.0052	U	0.00
GP17	CMS-455-E	GP17-FD	8081A	beta-BHC	0.049	U	0.0052	U	0.00
GP17	CMS-455-E	GP17-FD	8081A	Chlordane	0.27	J		R	NA
GP17	CMS-455-E	GP17-FD	8081A	delta-BHC	0.049	U	0.0052	U	0.00
GP17	CMS-455-E	GP17-FD	8081A	Dieldrin	0.049	UJ	0.03	J	48.10
GP17	CMS-455-E	GP17-FD	8081A	Endosulfan I	0.049	U	0.0052	U	0.00
GP17	CMS-455-E	GP17-FD	8081A	Endosulfan II	0.049	U	0.0052	U	0.00
GP17	CMS-455-E	GP17-FD	8081A	Endosulfan sulfate	0.049	U	0.0052	U	0.00
GP17	CMS-455-E	GP17-FD	8081A	Endrin	0.049	U	0.0052	U	0.00
GP17	CMS-455-E	GP17-FD	8081A	Endrin aldehyde	0.049	U	0.0052	U	0.00
GP17	CMS-455-E	GP17-FD	8081A	gamma-BHC (Lindane)	0.049	U	0.0052	U	0.00
GP17	CMS-455-E	GP17-FD	8081A	Heptachlor	0.049	U	0.0052	U	0.00
GP17	CMS-455-E	GP17-FD	8081A	Heptachlor epoxide	0.049	U	0.001	J	192.00
GP17	CMS-455-E	GP17-FD	8081A	Methoxychlor		R		R	NA
GP17	CMS-455-E	GP17-FD	8081A	Toxaphene	1.9	U	0.21	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
AD01	AD-04-A	AD01-FD	8082	Aroclor 1016	3.1	U	3.0	U	0.00
AD01	AD-04-A	AD01-FD	8082	Aroclor 1221	1.7	U	1.7	U	0.00
AD01	AD-04-A	AD01-FD	8082	Aroclor 1232	7.1	U	6.6	U	0.00
AD01	AD-04-A	AD01-FD	8082	Aroclor 1242	4.1	U	4.0	U	0.00
AD01	AD-04-A	AD01-FD	8082	Aroclor 1248	4.3	U	4.0	U	0.00
AD01	AD-04-A	AD01-FD	8082	Aroclor 1254	9.1		9.1		0.00
AD01	AD-04-A	AD01-FD	8082	Aroclor 1260	3.1	U	3.0	U	0.00
AD01	AD-04-A	AD01-FD	8082	PCB's	9.1		9.1		0.00
AP01	CMS-607-A	AP01-FD	8082	Aroclor 1016	12.0	U	5.8	U	0.00
AP01	CMS-607-A	AP01-FD	8082	Aroclor 1221	10.0	U	4.8	U	0.00
AP01	CMS-607-A	AP01-FD	8082	Aroclor 1232	26.0	U	13.0	U	0.00
AP01	CMS-607-A	AP01-FD	8082	Aroclor 1242	15.0	U	7.2	U	0.00
AP01	CMS-607-A	AP01-FD	8082	Aroclor 1248	15.0	U	8.0	U	0.00
AP01	CMS-607-A	AP01-FD	8082	Aroclor 1254	28.0		17.0		48.89
AP01	CMS-607-A	AP01-FD	8082	Aroclor 1260	10.0	U	4.8	U	0.00
AP01	CMS-607-A	AP01-FD	8082	PCB's	28.0		17.0		48.89
AP02	CMS-611-A	AP02-FD	8082	Aroclor 1016	0.88	U	0.089	U	0.00
AP02	CMS-611-A	AP02-FD	8082	Aroclor 1221	0.88	U	0.089	U	0.00
AP02	CMS-611-A	AP02-FD	8082	Aroclor 1232	0.88	U	0.089	U	0.00
AP02	CMS-611-A	AP02-FD	8082	Aroclor 1242	0.88	U	0.089	U	0.00
AP02	CMS-611-A	AP02-FD	8082	Aroclor 1248	0.88	U	0.089	U	0.00
AP02	CMS-611-A	AP02-FD	8082	Aroclor 1254	1.7	J	0.54	J	103.57
AP02	CMS-611-A	AP02-FD	8082	Aroclor 1260	0.88	U	0.15	U	0.00
AP02	CMS-611-A	AP02-FD	8082	PCB's	1.7	J	0.54	J	103.57
AP03	CMS-621-A	AP03-FD	8082	Aroclor 1016	0.1	U	0.1	U	0.00
AP03	CMS-621-A	AP03-FD	8082	Aroclor 1221	0.1	U	0.1	U	0.00
AP03	CMS-621-A	AP03-FD	8082	Aroclor 1232	0.1	U	0.1	U	0.00
AP03	CMS-621-A	AP03-FD	8082	Aroclor 1242	0.1	U	0.1	U	0.00
AP03	CMS-621-A	AP03-FD	8082	Aroclor 1248	0.1	U	0.1	U	0.00
AP03	CMS-621-A	AP03-FD	8082	Aroclor 1254	0.23		0.16		35.90
AP03	CMS-621-A	AP03-FD	8082	Aroclor 1260	0.1	U	0.1	U	0.00
AP03	CMS-621-A	AP03-FD	8082	PCB's	0.23		0.16		35.90
BV01	CMS-701-A	BV01-FD	8082	Aroclor 1016	0.037	U	0.037	U	0.00
BV01	CMS-701-A	BV01-FD	8082	Aroclor 1221	0.037	U	0.037	U	0.00
BV01	CMS-701-A	BV01-FD	8082	Aroclor 1232	0.037	U	0.037	U	0.00
BV01	CMS-701-A	BV01-FD	8082	Aroclor 1242	0.037	U	0.037	U	0.00
BV01	CMS-701-A	BV01-FD	8082	Aroclor 1248	0.037	U	0.037	U	0.00
BV01	CMS-701-A	BV01-FD	8082	Aroclor 1254	0.037	U	0.037	U	0.00
BV01	CMS-701-A	BV01-FD	8082	Aroclor 1260	0.023	J	0.024	J	-4.26
BV01	CMS-701-A	BV01-FD	8082	PCB's	0.023	J	0.024	J	-4.26
GP01	CMS-153-B	GP01-FD	8082	Aroclor 1016	0.14	UJ	0.037	UJ	0.00
GP01	CMS-153-B	GP01-FD	8082	Aroclor 1221	0.14	UJ	0.037	UJ	0.00
GP01	CMS-153-B	GP01-FD	8082	Aroclor 1232	0.14	UJ	0.037	UJ	0.00
GP01	CMS-153-B	GP01-FD	8082	Aroclor 1242	0.14	UJ	0.037	UJ	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP01	CMS-153-B	GP01-FD	8082	Aroclor 1248	0.14	UJ	0.037	UJ	0.00
GP01	CMS-153-B	GP01-FD	8082	Aroclor 1254	0.58	J	0.085	J	148.87
GP01	CMS-153-B	GP01-FD	8082	Aroclor 1260	0.14	UJ	0.037	UJ	0.00
GP01	CMS-153-B	GP01-FD	8082	PCB's	0.58	J	0.085	J	148.87
GP02	CMS-404-A	GP02-FD	8082	Aroclor 1016	0.35	U	0.35	U	0.00
GP02	CMS-404-A	GP02-FD	8082	Aroclor 1221	0.35	U	0.35	U	0.00
GP02	CMS-404-A	GP02-FD	8082	Aroclor 1232	0.35	U	0.35	U	0.00
GP02	CMS-404-A	GP02-FD	8082	Aroclor 1242	0.35	U	0.35	U	0.00
GP02	CMS-404-A	GP02-FD	8082	Aroclor 1248	0.35	U	0.35	U	0.00
GP02	CMS-404-A	GP02-FD	8082	Aroclor 1254	1.6	J	1.8	J	-11.76
GP02	CMS-404-A	GP02-FD	8082	Aroclor 1260	0.35	U	0.35	U	0.00
GP02	CMS-404-A	GP02-FD	8082	PCB's	1.6	J	1.8	J	-11.76
GP03	CMS-410-E	GP03-FD	8082	Aroclor 1016	19.0	U	7.9	U	0.00
GP03	CMS-410-E	GP03-FD	8082	Aroclor 1221	5.0	U	2.6	U	0.00
GP03	CMS-410-E	GP03-FD	8082	Aroclor 1232	40.0	U	17.0	U	0.00
GP03	CMS-410-E	GP03-FD	8082	Aroclor 1242	27.0	U	11.0	U	0.00
GP03	CMS-410-E	GP03-FD	8082	Aroclor 1248	27.0	U	12.0	U	0.00
GP03	CMS-410-E	GP03-FD	8082	Aroclor 1254	32.0	J	13.0	J	84.44
GP03	CMS-410-E	GP03-FD	8082	Aroclor 1260	11.0	U	5.0	U	0.00
GP03	CMS-410-E	GP03-FD	8082	PCB's	32.0	J	13.0	J	84.44
GP04	CMS-405-B	GP04-FD	8082	Aroclor 1016	0.13	UJ	1.5	UJ	0.00
GP04	CMS-405-B	GP04-FD	8082	Aroclor 1221	0.13	UJ	1.5	UJ	0.00
GP04	CMS-405-B	GP04-FD	8082	Aroclor 1232	0.13	UJ	1.5	UJ	0.00
GP04	CMS-405-B	GP04-FD	8082	Aroclor 1242	0.13	UJ	1.5	UJ	0.00
GP04	CMS-405-B	GP04-FD	8082	Aroclor 1248	0.13	UJ	1.5	UJ	0.00
GP04	CMS-405-B	GP04-FD	8082	Aroclor 1254	1.3	J	19.0	J	-174.38
GP04	CMS-405-B	GP04-FD	8082	Aroclor 1260	0.13	UJ	1.5	UJ	0.00
GP04	CMS-405-B	GP04-FD	8082	PCB's	1.3	J	19.0	J	-174.38
GP05	CMS-409-E	GP05-FD	8082	Aroclor 1016	0.7	U	0.4	U	0.00
GP05	CMS-409-E	GP05-FD	8082	Aroclor 1221	0.7	U	0.4	U	0.00
GP05	CMS-409-E	GP05-FD	8082	Aroclor 1232	0.7	U	0.4	U	0.00
GP05	CMS-409-E	GP05-FD	8082	Aroclor 1242	0.7	U	0.4	U	0.00
GP05	CMS-409-E	GP05-FD	8082	Aroclor 1248	0.7	U	0.059	J	168.91
GP05	CMS-409-E	GP05-FD	8082	Aroclor 1254	0.7	U	0.4	U	0.00
GP05	CMS-409-E	GP05-FD	8082	Aroclor 1260	0.7	U	0.4	U	0.00
GP05	CMS-409-E	GP05-FD	8082	PCB's	0.7		0.059	J	168.91
GP06	CMS-416-B	GP06-FD	8082	Aroclor 1016	12.0	U	33.0	U	0.00
GP06	CMS-416-B	GP06-FD	8082	Aroclor 1221	4.2	U	7.3	U	0.00
GP06	CMS-416-B	GP06-FD	8082	Aroclor 1232	29.0	U	76.0	U	0.00
GP06	CMS-416-B	GP06-FD	8082	Aroclor 1242	16.0	U	43.0	U	0.00
GP06	CMS-416-B	GP06-FD	8082	Aroclor 1248	18.0	U	41.0	U	0.00
GP06	CMS-416-B	GP06-FD	8082	Aroclor 1254	32.0	J	56.0	J	-54.55
GP06	CMS-416-B	GP06-FD	8082	Aroclor 1260	11.0	U	18.0	U	0.00
GP06	CMS-416-B	GP06-FD	8082	PCB's	32.0	J	56.0	J	-54.55

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP07	CMS-142-A	GP07-FD	8082	Aroclor 1016	0.12	UJ	0.055	U	0.00
GP07	CMS-142-A	GP07-FD	8082	Aroclor 1221	0.12	UJ	0.055	U	0.00
GP07	CMS-142-A	GP07-FD	8082	Aroclor 1232	0.12	UJ	0.055	U	0.00
GP07	CMS-142-A	GP07-FD	8082	Aroclor 1242	0.12	UJ	0.055	U	0.00
GP07	CMS-142-A	GP07-FD	8082	Aroclor 1248	0.12	UJ	0.055	U	0.00
GP07	CMS-142-A	GP07-FD	8082	Aroclor 1254	0.76	J	0.59		25.19
GP07	CMS-142-A	GP07-FD	8082	Aroclor 1260	0.12	UJ	0.055	U	0.00
GP07	CMS-142-A	GP07-FD	8082	PCB's	0.76	J	0.59		25.19
GP08	CMS-406-B	GP08-FD	8082	Aroclor 1016	0.36	U	0.035	U	0.00
GP08	CMS-406-B	GP08-FD	8082	Aroclor 1221	0.36	U	0.035	U	0.00
GP08	CMS-406-B	GP08-FD	8082	Aroclor 1232	0.36	U	0.035	U	0.00
GP08	CMS-406-B	GP08-FD	8082	Aroclor 1242	0.36	U	0.02	J	178.95
GP08	CMS-406-B	GP08-FD	8082	Aroclor 1248	0.88	U	0.035	U	0.00
GP08	CMS-406-B	GP08-FD	8082	Aroclor 1254	2.3	J	0.035	UJ	194.00
GP08	CMS-406-B	GP08-FD	8082	Aroclor 1260	0.36	U	0.035	U	0.00
GP08	CMS-406-B	GP08-FD	8082	PCB's	2.3	J	0.02	J	196.55
GP09	CMS-060-A	GP09-FD	8082	Aroclor 1016	0.034	UJ	0.035	U	0.00
GP09	CMS-060-A	GP09-FD	8082	Aroclor 1221	0.034	UJ	0.035	U	0.00
GP09	CMS-060-A	GP09-FD	8082	Aroclor 1232	0.034	UJ	0.035	U	0.00
GP09	CMS-060-A	GP09-FD	8082	Aroclor 1242	0.034	UJ	0.035	U	0.00
GP09	CMS-060-A	GP09-FD	8082	Aroclor 1248	0.034	UJ	0.035	U	0.00
GP09	CMS-060-A	GP09-FD	8082	Aroclor 1254	0.31	J	0.55		-55.81
GP09	CMS-060-A	GP09-FD	8082	Aroclor 1260	0.034	UJ	0.035	U	0.00
GP09	CMS-060-A	GP09-FD	8082	PCB's	0.31	J	0.55		-55.81
GP11	CMS-420-B	GP11-FD	8082	Aroclor 1016	0.14	U	0.14	U	0.00
GP11	CMS-420-B	GP11-FD	8082	Aroclor 1221	0.14	U	0.14	U	0.00
GP11	CMS-420-B	GP11-FD	8082	Aroclor 1232	0.14	U	0.14	U	0.00
GP11	CMS-420-B	GP11-FD	8082	Aroclor 1242	0.14	U	0.14	U	0.00
GP11	CMS-420-B	GP11-FD	8082	Aroclor 1248	0.17	U	0.34	U	0.00
GP11	CMS-420-B	GP11-FD	8082	Aroclor 1254	0.44	J	0.98	J	-76.06
GP11	CMS-420-B	GP11-FD	8082	Aroclor 1260	0.14	U	0.14	U	0.00
GP11	CMS-420-B	GP11-FD	8082	PCB's	0.44	J	0.98	J	-76.06
GP12	CMS-162-D	GP12-FD	8082	Aroclor 1016	0.66	U	0.92	Q	0.00
GP12	CMS-162-D	GP12-FD	8082	Aroclor 1221	1.1	U	0.77	U	0.00
GP12	CMS-162-D	GP12-FD	8082	Aroclor 1232	3.6	U	2.2	U	0.00
GP12	CMS-162-D	GP12-FD	8082	Aroclor 1242	2.2	U	1.2	U	0.00
GP12	CMS-162-D	GP12-FD	8082	Aroclor 1248	1.4	U	1.5	U	0.00
GP12	CMS-162-D	GP12-FD	8082	Aroclor 1254	2.1		2.1	J	0.00
GP12	CMS-162-D	GP12-FD	8082	Aroclor 1260	0.8	U	0.61	U	0.00
GP12	CMS-162-D	GP12-FD	8082	PCB's	2.1		2.1	J	0.00
GP13	CMS-423-D	GP13-FD	8082	Aroclor 1016	3.7	U	2.0	U	0.00
GP13	CMS-423-D	GP13-FD	8082	Aroclor 1221	3.7	U	2.0	U	0.00
GP13	CMS-423-D	GP13-FD	8082	Aroclor 1232	3.7	U	2.0	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP13	CMS-423-D	GP13-FD	8082	Aroclor 1242	3.7	U	2.0	U	0.00
GP13	CMS-423-D	GP13-FD	8082	Aroclor 1248	3.7	U	2.0	U	0.00
GP13	CMS-423-D	GP13-FD	8082	Aroclor 1254	12.0		9.1		27.49
GP13	CMS-423-D	GP13-FD	8082	Aroclor 1260	3.7	U	2.0	U	0.00
GP13	CMS-423-D	GP13-FD	8082	PCB's	12.0		9.1		27.49
GP14	CMS-426-B	GP14-FD	8082	Aroclor 1016	1.9	U	0.37	U	0.00
GP14	CMS-426-B	GP14-FD	8082	Aroclor 1221	1.9	U	0.37	U	0.00
GP14	CMS-426-B	GP14-FD	8082	Aroclor 1232	1.9	U	0.37	U	0.00
GP14	CMS-426-B	GP14-FD	8082	Aroclor 1242	1.9	U	0.37	U	0.00
GP14	CMS-426-B	GP14-FD	8082	Aroclor 1248	25.0	J	6.9	J	113.48
GP14	CMS-426-B	GP14-FD	8082	Aroclor 1254	5.7		3.6	J	45.16
GP14	CMS-426-B	GP14-FD	8082	Aroclor 1260	1.9	U	0.37	U	0.00
GP14	CMS-426-B	GP14-FD	8082	PCB's	31.0	J	11.0	J	95.24
GP15	CMS-421-B	GP15-FD	8082	Aroclor 1016	1.8	U	1.8	U	0.00
GP15	CMS-421-B	GP15-FD	8082	Aroclor 1221	1.8	U	1.8	U	0.00
GP15	CMS-421-B	GP15-FD	8082	Aroclor 1232	1.8	U	1.8	U	0.00
GP15	CMS-421-B	GP15-FD	8082	Aroclor 1242	1.8	U	1.8	U	0.00
GP15	CMS-421-B	GP15-FD	8082	Aroclor 1248	14.0		8.8		45.61
GP15	CMS-421-B	GP15-FD	8082	Aroclor 1254	22.0		14.0		44.44
GP15	CMS-421-B	GP15-FD	8082	Aroclor 1260	1.8	U	1.8	U	0.00
GP15	CMS-421-B	GP15-FD	8082	PCB's	36.0		23.0		44.07
GP16	CMS-432-B	GP16-FD	8082	Aroclor 1016	1.8	U	0.458		118.87
GP16	CMS-432-B	GP16-FD	8082	Aroclor 1221	1.8	U	0.18	U	0.00
GP16	CMS-432-B	GP16-FD	8082	Aroclor 1232	1.2	J	0.18	UJ	147.83
GP16	CMS-432-B	GP16-FD	8082	Aroclor 1242	1.8	U	0.18	U	0.00
GP16	CMS-432-B	GP16-FD	8082	Aroclor 1248	1.8	U	0.18	U	0.00
GP16	CMS-432-B	GP16-FD	8082	Aroclor 1254	1.4	J	0.47	J	99.47
GP16	CMS-432-B	GP16-FD	8082	Aroclor 1260	1.8	U	0.678	a	90.56
GP16	CMS-432-B	GP16-FD	8082	PCB's	2.6	J	1.6	Ja	47.62
GP17	CMS-455-E	GP17-FD	8082	Aroclor 1016	0.24	U	0.25	U	0.00
GP17	CMS-455-E	GP17-FD	8082	Aroclor 1221	0.24	U	0.25	U	0.00
GP17	CMS-455-E	GP17-FD	8082	Aroclor 1232	0.24	U	0.25	U	0.00
GP17	CMS-455-E	GP17-FD	8082	Aroclor 1242	0.24	U	0.25	U	0.00
GP17	CMS-455-E	GP17-FD	8082	Aroclor 1248	0.24	UJ	0.5	J	-70.27
GP17	CMS-455-E	GP17-FD	8082	Aroclor 1254	0.24	UJ	0.41	J	-52.31
GP17	CMS-455-E	GP17-FD	8082	Aroclor 1260	0.24	U	0.25	U	0.00
GP17	CMS-455-E	GP17-FD	8082	PCB's	0.24		0.91	J	-116.52
GP18	CMS-428-C	GP18-FD	8082	Aroclor 1016	0.04	U	0.19	UJ	0.00
GP18	CMS-428-C	GP18-FD	8082	Aroclor 1221	0.04	U	0.19	U	0.00
GP18	CMS-428-C	GP18-FD	8082	Aroclor 1232	0.04	U	0.19	U	0.00
GP18	CMS-428-C	GP18-FD	8082	Aroclor 1242	0.04	U	0.19	U	0.00
GP18	CMS-428-C	GP18-FD	8082	Aroclor 1248	0.084	UJ	0.23	U	0.00
GP18	CMS-428-C	GP18-FD	8082	Aroclor 1254	0.21	J	0.68	J	-105.62
GP18	CMS-428-C	GP18-FD	8082	Aroclor 1260	0.04	U	0.19	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP18	CMS-428-C	GP18-FD	8082	PCB's	0.21	J	0.68	J	-105.62
GP19	CMS-453-D	GP19-FD	8082	Aroclor 1016	0.037	U	0.038	U	0.00
GP19	CMS-453-D	GP19-FD	8082	Aroclor 1221	0.037	U	0.038	U	0.00
GP19	CMS-453-D	GP19-FD	8082	Aroclor 1232	0.037	U	0.038	U	0.00
GP19	CMS-453-D	GP19-FD	8082	Aroclor 1242	0.037	U	0.038	U	0.00
GP19	CMS-453-D	GP19-FD	8082	Aroclor 1248	0.078	UJ	0.038	U	0.00
GP19	CMS-453-D	GP19-FD	8082	Aroclor 1254	0.13	J	0.11	J	16.67
GP19	CMS-453-D	GP19-FD	8082	Aroclor 1260	0.044	UJ	0.057	UJ	0.00
GP19	CMS-453-D	GP19-FD	8082	PCB's	0.13	J	0.11	J	16.67
GP20	CMS-452-E	GP20-FD	8082	Aroclor 1016	0.16	U	0.039	U	0.00
GP20	CMS-452-E	GP20-FD	8082	Aroclor 1221	0.16	U	0.039	U	0.00
GP20	CMS-452-E	GP20-FD	8082	Aroclor 1232	0.16	U	0.039	U	0.00
GP20	CMS-452-E	GP20-FD	8082	Aroclor 1242	0.16	U	0.039	U	0.00
GP20	CMS-452-E	GP20-FD	8082	Aroclor 1248	0.48	U	0.047	U	0.00
GP20	CMS-452-E	GP20-FD	8082	Aroclor 1254	0.65	J	0.08	J	156.16
GP20	CMS-452-E	GP20-FD	8082	Aroclor 1260	0.16	U	0.039	U	0.00
GP20	CMS-452-E	GP20-FD	8082	PCB's	0.65	J	0.08	J	156.16
HA01	CMS-162-A	HA01-FD	8082	Aroclor 1016	0.36	U	0.71	U	0.00
HA01	CMS-162-A	HA01-FD	8082	Aroclor 1221	0.36	U	0.71	U	0.00
HA01	CMS-162-A	HA01-FD	8082	Aroclor 1232	0.36	U	0.71	U	0.00
HA01	CMS-162-A	HA01-FD	8082	Aroclor 1242	0.36	U	0.71	U	0.00
HA01	CMS-162-A	HA01-FD	8082	Aroclor 1248	0.36	U	0.71	U	0.00
HA01	CMS-162-A	HA01-FD	8082	Aroclor 1254	2.6	J	3.7	J	-34.92
HA01	CMS-162-A	HA01-FD	8082	Aroclor 1260	0.36	U	0.71	U	0.00
HA01	CMS-162-A	HA01-FD	8082	PCB's	2.6	J	3.7	J	-34.92
HA02	CMS-238-B	HA02-FD	8082	Aroclor 1016	0.56	U	0.24	U	0.00
HA02	CMS-238-B	HA02-FD	8082	Aroclor 1221	0.56	U	0.24	U	0.00
HA02	CMS-238-B	HA02-FD	8082	Aroclor 1232	0.56	U	0.24	U	0.00
HA02	CMS-238-B	HA02-FD	8082	Aroclor 1242	0.56	U	0.24	U	0.00
HA02	CMS-238-B	HA02-FD	8082	Aroclor 1248	1.4	U	0.69	U	0.00
HA02	CMS-238-B	HA02-FD	8082	Aroclor 1254	4.8	J	1.5	J	104.76
HA02	CMS-238-B	HA02-FD	8082	Aroclor 1260	0.56	U	0.67	U	0.00
HA02	CMS-238-B	HA02-FD	8082	PCB's	4.8	J	1.5	J	104.76
HA03	CMS-170-B	HA03-FD	8082	Aroclor 1016	0.08	U	0.073	U	0.00
HA03	CMS-170-B	HA03-FD	8082	Aroclor 1221	0.08	U	0.073	U	0.00
HA03	CMS-170-B	HA03-FD	8082	Aroclor 1232	0.08	U	0.073	U	0.00
HA03	CMS-170-B	HA03-FD	8082	Aroclor 1242	0.08	U	0.073	U	0.00
HA03	CMS-170-B	HA03-FD	8082	Aroclor 1248	0.08	U	0.073	U	0.00
HA03	CMS-170-B	HA03-FD	8082	Aroclor 1254	0.24	J	0.14	J	52.63
HA03	CMS-170-B	HA03-FD	8082	Aroclor 1260	0.089	U	0.073	U	0.00
HA03	CMS-170-B	HA03-FD	8082	PCB's	0.24	J	0.14	J	52.63

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP04	CMS-405-B	GP04-FD	8151A	2,4,5-T	0.038	UJ	0.037	UJ	0.00
GP04	CMS-405-B	GP04-FD	8151A	2,4,5-TP (Silvex)	0.038	UJ	0.037	UJ	0.00
GP04	CMS-405-B	GP04-FD	8151A	2,4-D		R		R	NA
GP04	CMS-405-B	GP04-FD	8151A	2,4-DB		R		R	NA
GP04	CMS-405-B	GP04-FD	8151A	Dalapon	0.077	UJ	0.075	UJ	0.00
GP04	CMS-405-B	GP04-FD	8151A	Dicamba	0.077	U	0.075	U	0.00
GP04	CMS-405-B	GP04-FD	8151A	Dichlorprop	0.15	UJ	0.15	UJ	0.00
GP04	CMS-405-B	GP04-FD	8151A	Dinoseb	0.023	U	0.022	U	0.00
GP04	CMS-405-B	GP04-FD	8151A	MCPA	15.0	UJ	15.0	UJ	0.00
GP04	CMS-405-B	GP04-FD	8151A	MCPP	15.0	UJ	15.0	UJ	0.00
GP07	CMS-142-A	GP07-FD	8151A	2,4,5-T	0.035	UJ	0.033	UJ	0.00
GP07	CMS-142-A	GP07-FD	8151A	2,4,5-TP (Silvex)	0.035	UJ	0.033	UJ	0.00
GP07	CMS-142-A	GP07-FD	8151A	2,4-D	0.14	U	0.13	U	0.00
GP07	CMS-142-A	GP07-FD	8151A	2,4-DB	0.14	UJ	0.13	UJ	0.00
GP07	CMS-142-A	GP07-FD	8151A	Dalapon	0.07	UJ	0.067	U	0.00
GP07	CMS-142-A	GP07-FD	8151A	Dicamba	0.07	U	0.067	U	0.00
GP07	CMS-142-A	GP07-FD	8151A	Dichlorprop	0.14	U	0.13	U	0.00
GP07	CMS-142-A	GP07-FD	8151A	Dinoseb	0.021	U	0.02	U	0.00
GP07	CMS-142-A	GP07-FD	8151A	MCPA	14.0	U	13.0	U	0.00
GP07	CMS-142-A	GP07-FD	8151A	MCPP	14.0	U	13.0	U	0.00
GP09	CMS-060-A	GP09-FD	8151A	2,4,5-T	0.021	U	0.021	U	0.00
GP09	CMS-060-A	GP09-FD	8151A	2,4,5-TP (Silvex)	0.021	U	0.021	U	0.00
GP09	CMS-060-A	GP09-FD	8151A	2,4-D	0.082	U	0.085	U	0.00
GP09	CMS-060-A	GP09-FD	8151A	2,4-DB	0.082	U	0.085	U	0.00
GP09	CMS-060-A	GP09-FD	8151A	Dalapon	0.041	U	0.042	U	0.00
GP09	CMS-060-A	GP09-FD	8151A	Dicamba	0.041	U	0.042	U	0.00
GP09	CMS-060-A	GP09-FD	8151A	Dichlorprop	0.082	U	0.085	U	0.00
GP09	CMS-060-A	GP09-FD	8151A	Dinoseb	0.012	U	0.013	U	0.00
GP09	CMS-060-A	GP09-FD	8151A	MCPA	8.2	U	8.5	U	0.00
GP09	CMS-060-A	GP09-FD	8151A	MCPP	8.2	U	8.5	U	0.00
GP13	CMS-423-D	GP13-FD	8151A	2,4,5-T	0.022	U	0.024	U	0.00
GP13	CMS-423-D	GP13-FD	8151A	2,4,5-TP (Silvex)	0.022	U	0.024	U	0.00
GP13	CMS-423-D	GP13-FD	8151A	2,4-D	0.09	UJ	0.096	UJ	0.00
GP13	CMS-423-D	GP13-FD	8151A	2,4-DB	0.09	U	0.096	U	0.00
GP13	CMS-423-D	GP13-FD	8151A	Dalapon	0.045	U	0.048	U	0.00
GP13	CMS-423-D	GP13-FD	8151A	Dicamba	0.045	U	0.048	U	0.00
GP13	CMS-423-D	GP13-FD	8151A	Dichlorprop	0.09	U	0.096	U	0.00
GP13	CMS-423-D	GP13-FD	8151A	Dinoseb	0.013	U	0.014	U	0.00
GP13	CMS-423-D	GP13-FD	8151A	MCPA	9.0	U	9.6	U	0.00
GP13	CMS-423-D	GP13-FD	8151A	MCPP	9.0	U	9.6	U	0.00
GP17	CMS-455-E	GP17-FD	8151A	2,4,5-T	0.029	U	0.031	U	0.00
GP17	CMS-455-E	GP17-FD	8151A	2,4,5-TP (Silvex)	0.029	U	0.031	U	0.00
GP17	CMS-455-E	GP17-FD	8151A	2,4-D	0.12	U	0.12	U	0.00
GP17	CMS-455-E	GP17-FD	8151A	2,4-DB	0.12	U	0.12	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP17	CMS-455-E	GP17-FD	8151A	Dalapon	0.058	U	0.061	U	0.00
GP17	CMS-455-E	GP17-FD	8151A	Dicamba	0.058	U	0.061	U	0.00
GP17	CMS-455-E	GP17-FD	8151A	Dichlorprop	0.12	U	0.12	U	0.00
GP17	CMS-455-E	GP17-FD	8151A	Dinoseb	0.017	U	0.018	U	0.00
GP17	CMS-455-E	GP17-FD	8151A	MCPA	12.0	U	12.0	U	0.00
GP17	CMS-455-E	GP17-FD	8151A	MCPP	12.0	U	12.0	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP04	CMS-405-B	GP04-FD	8260B	1,1,1,2-Tetrachloroethane	4.0	UJ	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,1,1-Trichloroethane	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,1,2,2-Tetrachloroethane	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,1,2-Trichloroethane	4.0	UJ	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,1-Dichloroethane	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,1-Dichloroethene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,1-Dichloropropene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,2,3-Trichlorobenzene	4.0	UJ	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,2,3-Trichloropropane	4.0	UJ	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,2,4-Trichlorobenzene	4.0	UJ	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,2,4-Trichlorobenzene	4.0	UJ	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,2,4-Trimethylbenzene	2.2	J	2.9	UJ	-27.45
GP04	CMS-405-B	GP04-FD	8260B	1,2-Dibromo-3-chloropropan	8.0	UJ	5.7	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,2-Dibromoethane (EDB)	4.0	UJ	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,2-Dichlorobenzene	3.5	J	2.9	UJ	18.75
GP04	CMS-405-B	GP04-FD	8260B	1,2-Dichlorobenzene	3.5	J	0.62	J	139.81
GP04	CMS-405-B	GP04-FD	8260B	1,2-Dichloroethane	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,2-Dichloropropane	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,3,5-Trimethylbenzene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,3-Dichlorobenzene	4.0	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,3-Dichlorobenzene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,3-Dichloropropane	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,4-Dichlorobenzene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	1,4-Dichlorobenzene	4.0	U	0.19	J	181.86
GP04	CMS-405-B	GP04-FD	8260B	2,2-Dichloropropane	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	2-Chlorotoluene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	4-Chlorotoluene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-[illegible]	8260B	Benzene	140.0	J	83.0	J	51.12
GP04	CMS-405-B	GP04-FD	8260B	Bromobenzene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Bromochloromethane	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Bromodichloromethane	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Bromoform	4.0	UJ	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Bromomethane	8.0	U	5.7	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Carbon tetrachloride	4.0	UJ	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Chlorobenzene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Chloroethane	8.0	U	5.7	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Chloroform	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Chloromethane	8.0	U	5.7	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	cis-1,2-Dichloroethene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	cis-1,3-Dichloropropene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Dibromochloromethane	4.0	UJ	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Dibromomethane	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Dichlorodifluoromethane	8.0	U	5.7	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Ethylbenzene	11.0	J	1.5	J	152.00
GP04	CMS-405-B	GP04-FD	8260B	Hexachlorobutadiene	4.0	UJ	2.9	UJ	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP04	CMS-405-B	GP04-FD	8260B	Hexachlorobutadiene	4.0	UJ	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8260B	Isopropylbenzene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	m-Xylene/p-Xylene	17.0	J	2.9	UJ	141.71
GP04	CMS-405-B	GP04-FD	8260B	Methylene chloride	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	n-Butylbenzene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	n-Propylbenzene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Naphthalene	4.0	UJ	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8260B	Naphthalene	4.0	UJ	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	o-Xylene	6.3	J	2.9	UJ	73.91
GP04	CMS-405-B	GP04-FD	8260B	p-Isopropyltoluene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	sec-Butylbenzene	4.0	U	1.0	J	120.00
GP04	CMS-405-B	GP04-FD	8260B	Styrene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	tert-Butylbenzene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Tetrachloroethene	4.0	UJ	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Toluene	3.5	J	2.9	UJ	18.75
GP04	CMS-405-B	GP04-FD	8260B	Total Volatile Organics	210.0		86.0	J	83.78
GP04	CMS-405-B	GP04-FD	8260B	trans-1,2-Dichloroethene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	trans-1,3-Dichloropropene	4.0	UJ	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Trichloroethene	4.0	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Trichlorofluoromethane	8.0	U	5.7	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Vinyl chloride	8.0	U	5.7	UJ	0.00
GP04	CMS-405-B	GP04-FD	8260B	Xylene (total)	23.0		2.9	UJ	155.21
GP07	CMS-142-A	GP07-FD	8260B	1,1,1,2-Tetrachloroethane	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,1,1-Trichloroethane	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,1,2,2-Tetrachloroethane	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,1,2-Trichloroethane	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,1-Dichloroethane	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,1-Dichloroethene	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,1-Dichloropropene	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,2,3-Trichlorobenzene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,2,3-Trichloropropane	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,2,4-Trichlorobenzene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,2,4-Trichlorobenzene	0.0095	UJ	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,2,4-Trimethylbenzene	0.0095	UJ	0.0075	J	23.53
GP07	CMS-142-A	GP07-FD	8260B	1,2-Dibromo-3-chloropropan	0.019	UJ	0.022	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,2-Dibromoethane (EDB)	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,2-Dichlorobenzene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,2-Dichlorobenzene	0.0095	UJ	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,2-Dichloroethane	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,2-Dichloropropane	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,3,5-Trimethylbenzene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,3-Dichlorobenzene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,3-Dichlorobenzene	0.0095	UJ	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,3-Dichloropropane	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	1,4-Dichlorobenzene	0.0095	UJ	0.011	UJ	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP07	CMS-142-A	GP07-FD	8260B	1,4-Dichlorobenzene	0.0095	UJ	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	2,2-Dichloropropane	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	2-Chlorotoluene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	4-Chlorotoluene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	Benzene	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Bromobenzene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	Bromochloromethane	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Bromodichloromethane	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Bromoform	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Bromomethane	0.019	U	0.022	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Carbon tetrachloride	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Chlorobenzene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	Chloroethane	0.019	UJ	0.022	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	Chloroform	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Chloromethane	0.019	U	0.022	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	cis-1,2-Dichloroethene	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	cis-1,3-Dichloropropene	0.0095	UJ	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Dibromochloromethane	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Dibromomethane	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Dichlorodifluoromethane	0.019	U	0.022	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Ethylbenzene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	Hexachlorobutadiene	0.0095	UJ	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Hexachlorobutadiene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	Isopropylbenzene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	m-Xylene/p-Xylene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	Methylene chloride	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	n-Butylbenzene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	n-Propylbenzene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	Naphthalene	0.0095	UJ	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Naphthalene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	o-Xylene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	p-Isopropyltoluene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	sec-Butylbenzene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	Styrene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	tert-Butylbenzene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	Tetrachloroethene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	Toluene	0.0095	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8260B	Total Volatile Organics	0.019		0.0075		86.79
GP07	CMS-142-A	GP07-FD	8260B	trans-1,2-Dichloroethene	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	trans-1,3-Dichloropropene	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Trichloroethene	0.0095	U	0.011	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Trichlorofluoromethane	0.019	U	0.022	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Vinyl chloride	0.019	U	0.022	U	0.00
GP07	CMS-142-A	GP07-FD	8260B	Xylene (total)	0.0095	U	0.011	U	0.00
GP09	CMS-060-A	GP09-FD	8260B	1,1,1,2-Tetrachloroethane		R	2.7	U	NA

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP09	CMS-060-A	GP09-FD	8260B	1,1,1-Trichloroethane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,1,2,2-Tetrachloroethane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,1,2-Trichloroethane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,1-Dichloroethane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,1-Dichloroethene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,1-Dichloropropene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,2,3-Trichlorobenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,2,3-Trichloropropane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,2,4-Trichlorobenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,2,4-Trichlorobenzene		R	0.35	UJ	NA
GP09	CMS-060-A	GP09-FD	8260B	1,2,4-Trimethylbenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,2-Dibromo-3-chloropropan		R	5.3	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,2-Dibromoethane (EDB)		R	5.3	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,2-Dichlorobenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,2-Dichlorobenzene		R	0.35	UJ	NA
GP09	CMS-060-A	GP09-FD	8260B	1,2-Dichloroethane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,2-Dichloropropane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,3,5-Trimethylbenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,3-Dichlorobenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,3-Dichlorobenzene		R	0.35	UJ	NA
GP09	CMS-060-A	GP09-FD	8260B	1,3-Dichloropropane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	1,4-Dichlorobenzene		R	0.35	UJ	NA
GP09	CMS-060-A	GP09-FD	8260B	1,4-Dichlorobenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	2,2-Dichloropropane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	2-Chlorotoluene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	4-Chlorotoluene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Benzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Bromobenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Bromochloromethane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Bromodichloromethane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Bromoform		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Bromomethane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Carbon tetrachloride		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Chlorobenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Chloroethane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Chloroform		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Chloromethane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	cis-1,2-Dichloroethene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	cis-1,3-Dichloropropene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Dibromochloromethane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Dibromomethane		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Dichlorodifluoromethane		R	2.7	UJ	NA
GP09	CMS-060-A	GP09-FD	8260B	Ethylbenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Hexachlorobutadiene		R	0.35	UJ	NA
GP09	CMS-060-A	GP09-FD	8260B	Hexachlorobutadiene		R	2.7	U	NA

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP09	CMS-060-A	GP09-FD	8260B	Isopropylbenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	m-Xylene/p-Xylene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Methylene chloride		R	5.3	U	NA
GP09	CMS-060-A	GP09-FD	8260B	n-Butylbenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	n-Propylbenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Naphthalene		R	2.7	UJ	NA
GP09	CMS-060-A	GP09-FD	8260B	Naphthalene		R	0.35	UJ	NA
GP09	CMS-060-A	GP09-FD	8260B	o-Xylene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	p-Isopropyltoluene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	sec-Butylbenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Styrene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	tert-Butylbenzene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Tetrachloroethene	0.088	J	63.0	J	-199.44
GP09	CMS-060-A	GP09-FD	8260B	Toluene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Total Volatile Organics	0.088	J	65.0		-199.46
GP09	CMS-060-A	GP09-FD	8260B	trans-1,2-Dichloroethene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	trans-1,3-Dichloropropene		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Trichloroethene		R	1.7	J	NA
GP09	CMS-060-A	GP09-FD	8260B	Trichlorofluoromethane		R	2.7	UJ	NA
GP09	CMS-060-A	GP09-FD	8260B	Vinyl chloride		R	2.7	U	NA
GP09	CMS-060-A	GP09-FD	8260B	Xylene (total)		R	2.7	U	NA
GP13	CMS-423-D	GP13-FD	8260B	1,1,1,2-Tetrachloroethane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,1,1-Trichloroethane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,1,2,2-Tetrachloroethane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,1,2-Trichloroethane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,1-Dichloroethane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,1-Dichloroethene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,1-Dichloropropene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,2,3-Trichlorobenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,2,3-Trichloropropane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,2,4-Trichlorobenzene	0.0045	U	0.081	J	-178.95
GP13	CMS-423-D	GP13-FD	8260B	1,2,4-Trichlorobenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,2,4-Trimethylbenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,2-Dibromo-3-chloropropan	0.009	U	0.0099	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,2-Dibromoethane (EDB)	0.009	U	0.0099	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,2-Dichlorobenzene	0.0045	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,2-Dichlorobenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,2-Dichloroethane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,2-Dichloropropane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,3,5-Trimethylbenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,3-Dichlorobenzene	0.0045	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,3-Dichlorobenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,3-Dichloropropane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,4-Dichlorobenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	1,4-Dichlorobenzene	0.0045	U	0.39	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP13	CMS-423-D	GP13-FD	8260B	2,2-Dichloropropane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	2-Chlorotoluene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	4-Chlorotoluene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Benzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Bromobenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Bromochloromethane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Bromodichloromethane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Bromoform	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Bromomethane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Carbon tetrachloride	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Chlorobenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Chloroethane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Chloroform	0.0045	UJ	0.0049	UJ	0.00
GP13	CMS-423-D	GP13-FD	8260B	Chloromethane	0.0045	UJ	0.0049	UJ	0.00
GP13	CMS-423-D	GP13-FD	8260B	cis-1,2-Dichloroethene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	cis-1,3-Dichloropropene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Dibromochloromethane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Dibromomethane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Dichlorodifluoromethane	0.0045	UJ	0.0049	UJ	0.00
GP13	CMS-423-D	GP13-FD	8260B	Ethylbenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Hexachlorobutadiene	0.0045	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Hexachlorobutadiene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Isopropylbenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	m-Xylene/p-Xylene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Methylene chloride	0.009	U	0.0099	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	n-Butylbenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	n-Propylbenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Naphthalene	0.0045	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Naphthalene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	o-Xylene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	p-Isopropyltoluene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	sec-Butylbenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Styrene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	tert-Butylbenzene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Tetrachloroethene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Toluene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Total Volatile Organics	0.009		0.0099		0.00
GP13	CMS-423-D	GP13-FD	8260B	trans-1,2-Dichloroethene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	trans-1,3-Dichloropropene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Trichloroethene	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Trichlorofluoromethane	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Vinyl chloride	0.0045	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8260B	Xylene (total)	0.0045		0.0049		0.00
GP17	CMS-455-E	GP17-FD	8260B	1,1,1,2-Tetrachloroethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,1,1-Trichloroethane	0.0072	U	0.0077	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP17	CMS-455-E	GP17-FD	8260B	1,1,2,2-Tetrachloroethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,1,2-Trichloroethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,1-Dichloroethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,1-Dichloroethene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,1-Dichloropropene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,2,3-Trichlorobenzene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,2,3-Trichloropropane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,2,4-Trichlorobenzene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,2,4-Trichlorobenzene	0.0072	U	0.093	J	-171.26
GP17	CMS-455-E	GP17-FD	8260B	1,2,4-Trimethylbenzene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,2-Dibromo-3-chloropropan	0.014	U	0.015	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,2-Dibromoethane (EDB)	0.014	U	0.015	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,2-Dichlorobenzene	0.0072	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,2-Dichlorobenzene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,2-Dichloroethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,2-Dichloropropane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,3,5-Trimethylbenzene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,3-Dichlorobenzene	0.0072	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,3-Dichlorobenzene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,3-Dichloropropane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,4-Dichlorobenzene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	1,4-Dichlorobenzene	0.0072	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	2,2-Dichloropropane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	2-Chlorotoluene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	4-Chlorotoluene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Benzene	0.0017	J	0.0077	U	-127.66
GP17	CMS-455-E	GP17-FD	8260B	Bromobenzene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Bromochloromethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Bromodichloromethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Bromoform	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Bromomethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Carbon tetrachloride	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Chlorobenzene	0.0072	U	0.0014	J	134.88
GP17	CMS-455-E	GP17-FD	8260B	Chloroethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Chloroform	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Chloromethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	cis-1,2-Dichloroethene	0.0072	U	0.0016	J	127.27
GP17	CMS-455-E	GP17-FD	8260B	cis-1,3-Dichloropropene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Dibromochloromethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Dibromomethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Dichlorodifluoromethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Ethylbenzene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Hexachlorobutadiene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Hexachlorobutadiene	0.0072	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Isopropylbenzene	0.0072	U	0.0077	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP17	CMS-455-E	GP17-FD	8260B	m-Xylene/p-Xylene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Methylene chloride	0.014	U	0.015	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	n-Butylbenzene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	n-Propylbenzene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Naphthalene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Naphthalene	0.0072	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	o-Xylene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	p-Isopropyltoluene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	sec-Butylbenzene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Styrene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	tert-Butylbenzene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Tetrachloroethene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Toluene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Total Volatile Organics	0.0017		0.003		-55.32
GP17	CMS-455-E	GP17-FD	8260B	trans-1,2-Dichloroethene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	trans-1,3-Dichloropropene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Trichloroethene	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Trichlorofluoromethane	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Vinyl chloride	0.0072	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8260B	Xylene (total)	0.0072	U	0.0077	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
AD01	AD-04-A	AD01-FD	8270C	2-Methylnaphthalene	0.19	J	0.19	J	0.00
AD01	AD-04-A	AD01-FD	8270C	Acenaphthene	0.15	J	0.15	J	0.00
AD01	AD-04-A	AD01-FD	8270C	Acenaphthylene	0.77	J	0.69	J	10.96
AD01	AD-04-A	AD01-FD	8270C	Anthracene	0.72	J	0.48	J	40.00
AD01	AD-04-A	AD01-FD	8270C	Benz(a)anthracene	2.5		1.3		63.16
AD01	AD-04-A	AD01-FD	8270C	Benzo(a)pyrene	2.8		2.9		-3.51
AD01	AD-04-A	AD01-FD	8270C	Benzo(b)fluoranthene	7.5		7.0		6.90
AD01	AD-04-A	AD01-FD	8270C	Benzo(ghi)perylene	2.3		2.2		4.44
AD01	AD-04-A	AD01-FD	8270C	Benzo(k)fluoranthene	8.3		7.8		6.21
AD01	AD-04-A	AD01-FD	8270C	Chrysene	3.6		4.4		-20.00
AD01	AD-04-A	AD01-FD	8270C	Dibenz(a,h)anthracene	0.7	J	0.82	J	-15.79
AD01	AD-04-A	AD01-FD	8270C	Fluoranthene	4.1		4.1		0.00
AD01	AD-04-A	AD01-FD	8270C	Fluorene	0.31	J	0.29	J	6.67
AD01	AD-04-A	AD01-FD	8270C	Indeno(1,2,3-cd)pyrene	2.5		2.5		0.00
AD01	AD-04-A	AD01-FD	8270C	Naphthalene	0.25	J	0.29	J	-14.81
AD01	AD-04-A	AD01-FD	8270C	Phenanthrene	2.1		2.1		0.00
AD01	AD-04-A	AD01-FD	8270C	Pyrene	6.6	J	5.6		16.39
AD01	AD-04-A	AD01-FD	8270C	Total Semi-Volatile Organic	45.0	J	43.0	J	4.55
GP04	CMS-405-B	GP04-FD	8270C	1,2,4-Trichlorobenzene	0.63	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8270C	1,2,4-Trichlorobenzene	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	1,2-Dichlorobenzene	0.25	J	2.9	UJ	-168.25
GP04	CMS-405-B	GP04-FD	8270C	1,2-Dichlorobenzene	0.25	J	0.62	J	-85.06
GP04	CMS-405-B	GP04-FD	8270C	1,3-Dichlorobenzene	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	1,3-Dichlorobenzene	0.63	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8270C	1,4-Dichlorobenzene	0.63	U	0.19	J	107.32
GP04	CMS-405-B	GP04-FD	8270C	1,4-Dichlorobenzene	0.63	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8270C	2,4,5-Trichlorophenol	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	2,4,6-Trichlorophenol	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	2,4-Dichlorophenol	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	2,4-Dimethylphenol	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	2,4-Dinitrophenol	3.1	U	6.0	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	2,4-Dinitrotoluene	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	2,6-Dinitrotoluene	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	2-Chloronaphthalene	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	2-Chlorophenol	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	2-Methylnaphthalene	0.89		1.2	U	-29.67
GP04	CMS-405-B	GP04-FD	8270C	2-Methylphenol	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	2-Nitroaniline	3.1	U	6.0	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	2-Nitrophenol	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	3&4 Methylphenol	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	3,3'-Dichlorobenzidine	3.1	U	6.0	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	3-Nitroaniline	3.1	U	6.0	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	4,6-Dinitro-2-methylphenol	3.1	U	6.0	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	4-Bromophenyl phenyl ether	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	4-Chloro-3-methylphenol	0.63	U	1.2	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP04	CMS-405-B	GP04-FD	8270C	4-Chloroaniline	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	4-Chlorophenyl phenyl ether	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	4-Nitroaniline	3.1	U	6.0	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	4-Nitrophenol	3.1	U	6.0	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	Acenaphthene	0.33	J	1.2	U	-113.73
GP04	CMS-405-B	GP04-FD	8270C	Acenaphthylene	4.4	J	0.39	J	167.43
GP04	CMS-405-B	GP04-FD	8270C	Anthracene	2.1	J	0.45	J	129.41
GP04	CMS-405-B	GP04-FD	8270C	Benz(a)anthracene	5.5	J	1.1	J	133.33
GP04	CMS-405-B	GP04-FD	8270C	Benzo(a)pyrene	7.1	J	0.83	J	158.13
GP04	CMS-405-B	GP04-FD	8270C	Benzo(b)fluoranthene	10.0	J	2.0	J	133.33
GP04	CMS-405-B	GP04-FD	8270C	Benzo(ghi)perylene	4.2	J	0.39	J	166.01
GP04	CMS-405-B	GP04-FD	8270C	Benzo(k)fluoranthene	0.63	UJ	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	Benzoic acid	3.1	UJ	6.0	UJ	0.00
GP04	CMS-405-B	GP04-FD	8270C	Benzyl alcohol	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	bis(2-Chloroethoxy)methane	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	bis(2-Chloroethyl) ether	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	Bis(2-chloroisopropyl)ether	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	bis(2-Ethylhexyl) phthalate	1.1	J	8.0	J	-151.65
GP04	CMS-405-B	GP04-FD	8270C	Butyl benzyl phthalate	1.8	J	1.2	UJ	40.00
GP04	CMS-405-B	GP04-FD	8270C	Carbazole	0.33	J	1.2	U	-113.73
GP04	CMS-405-B	GP04-FD	8270C	Chrysene	4.2	J	1.3	J	105.45
GP04	CMS-405-B	GP04-FD	8270C	Di-n-butyl phthalate	0.63	U	0.76	J	-18.71
GP04	CMS-405-B	GP04-FD	8270C	Di-n-octyl phthalate	0.63	UJ	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	Dibenz(a,h)anthracene	1.0	J	1.2	UJ	-18.18
GP04	CMS-405-B	GP04-FD	8270C	Dibenzofuran	0.39	J	1.2	U	-101.89
GP04	CMS-405-B	GP04-FD	8270C	Diethyl phthalate	0.14	J	0.18	J	-25.00
GP04	CMS-405-B	GP04-FD	8270C	Dimethyl phthalate	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	Fluoranthene	5.4	J	2.4	J	76.92
GP04	CMS-405-B	GP04-FD	8270C	Fluorene	1.5	J	1.2	UJ	22.22
GP04	CMS-405-B	GP04-FD	8270C	Hexachlorobenzene	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	Hexachlorobutadiene	0.63	U	2.9	UJ	0.00
GP04	CMS-405-B	GP04-FD	8270C	Hexachlorobutadiene	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	Hexachlorocyclopentadiene	3.1	U	6.0	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	Hexachloroethane	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	Indeno(1,2,3-cd)pyrene	3.3	J	0.38	J	158.70
GP04	CMS-405-B	GP04-FD	8270C	Isophorone	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	N-Nitrosodi-n-propylamine	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	N-Nitrosodiphenylamine	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	Naphthalene	0.87		2.9	UJ	-107.69
GP04	CMS-405-B	GP04-FD	8270C	Naphthalene	0.87		1.2	U	-31.88
GP04	CMS-405-B	GP04-FD	8270C	Nitrobenzene	0.63	U	1.2	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	Pentachlorophenol	3.1	U	6.0	U	0.00
GP04	CMS-405-B	GP04-FD	8270C	Phenanthrene	5.9	J	1.6	J	114.67
GP04	CMS-405-B	GP04-FD	8270C	Phenol	0.16	J	1.2	U	-152.94
GP04	CMS-405-B	GP04-FD	8270C	Pyrene	8.1	J	2.7	J	100.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP04	CMS-405-B	GP04-FD	8270C	Total Semi-Volatile Organic	69.0		23.0		100.00
GP07	CMS-142-A	GP07-FD	8270C	1,2,4-Trichlorobenzene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,2,4-Trichlorobenzene	0.58	U	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,2-Dichlorobenzene	0.58	U	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,2-Dichlorobenzene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,3-Dichlorobenzene	0.58	U	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,3-Dichlorobenzene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,4-Dichlorobenzene	0.58	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,4-Dichlorobenzene	0.58	UJ	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,4,5-Trichlorophenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,4,6-Trichlorophenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,4-Dichlorophenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,4-Dimethylphenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,4-Dinitrophenol	2.8	UJ	2.7	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,4-Dinitrotoluene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,6-Dinitrotoluene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2-Chloronaphthalene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2-Chlorophenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2-Methylnaphthalene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2-Methylphenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2-Nitroaniline	2.8	UJ	2.7	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	2-Nitrophenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	3&4 Methylphenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	3,3'-Dichlorobenzidine	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	3-Nitroaniline	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	4,6-Dinitro-2-methylphenol	2.8	UJ	2.7	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	4-Bromophenyl phenyl ether	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	4-Chloro-3-methylphenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	4-Chloroaniline	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	4-Chlorophenyl phenyl ether	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	4-Nitroaniline	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	4-Nitrophenol	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Acenaphthene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Acenaphthylene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Anthracene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Benz(a)anthracene	0.27	J	0.14	J	63.41
GP07	CMS-142-A	GP07-FD	8270C	Benzo(a)pyrene	0.25	J	0.14	J	56.41
GP07	CMS-142-A	GP07-FD	8270C	Benzo(b)fluoranthene	0.52	J	0.27	J	63.29
GP07	CMS-142-A	GP07-FD	8270C	Benzo(ghi)perylene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Benzo(k)fluoranthene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Benzoic acid	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Benzyl alcohol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	bis(2-Chloroethoxy)methane	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	bis(2-Chloroethyl) ether	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Bis(2-chloroisopropyl)ether	0.58	U	0.55	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP07	CMS-142-A	GP07-FD	8270C	bis(2-Ethylhexyl) phthalate	0.28	J	0.15	J	60.47
GP07	CMS-142-A	GP07-FD	8270C	Butyl benzyl phthalate	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Carbazole	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Chrysene	0.29	J	0.15	J	63.64
GP07	CMS-142-A	GP07-FD	8270C	Di-n-butyl phthalate	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Di-n-octyl phthalate	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Dibenz(a,h)anthracene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Dibenzofuran	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Diethyl phthalate	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Dimethyl phthalate	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Fluoranthene	0.53	J	0.29	J	58.54
GP07	CMS-142-A	GP07-FD	8270C	Fluorene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Hexachlorobenzene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Hexachlorobutadiene	0.58	U	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	Hexachlorobutadiene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Hexachlorocyclopentadiene	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Hexachloroethane	0.58	UJ	0.55	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	Indeno(1,2,3-cd)pyrene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Isophorone	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	N-Nitrosodi-n-propylamine	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	N-Nitrosodiphenylamine	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Naphthalene	0.58	U	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	Naphthalene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Nitrobenzene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Pentachlorophenol	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Phenanthrene	0.3	J	0.16	J	60.87
GP07	CMS-142-A	GP07-FD	8270C	Phenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Pyrene	0.58		0.3	J	63.64
GP07	CMS-142-A	GP07-FD	8270C	Total Semi-Volatile Organic	3.0		1.6		60.87
GP09	CMS-060-A	GP09-FD	8270C	1,2,4-Trichlorobenzene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,2,4-Trichlorobenzene	0.34	UJ	2.7	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,2-Dichlorobenzene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,2-Dichlorobenzene	0.34	UJ	2.7	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,3-Dichlorobenzene	0.34	UJ	2.7	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,3-Dichlorobenzene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,4-Dichlorobenzene	0.34	UJ	2.7	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,4-Dichlorobenzene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,4,5-Trichlorophenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,4,6-Trichlorophenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,4-Dichlorophenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,4-Dimethylphenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,4-Dinitrophenol	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,4-Dinitrotoluene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,6-Dinitrotoluene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2-Chloronaphthalene	0.34	UJ	0.35	UJ	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP09	CMS-060-A	GP09-FD	8270C	2-Chlorophenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2-Methylnaphthalene	0.34	UJ	0.068	J	133.33
GP09	CMS-060-A	GP09-FD	8270C	2-Methylphenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2-Nitroaniline	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2-Nitrophenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	3&4 Methylphenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	3,3'-Dichlorobenzidine	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	3-Nitroaniline	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	4,6-Dinitro-2-methylphenol	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	4-Bromophenyl phenyl ether	0.34	UJ	0.35	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	4-Chloro-3-methylphenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	4-Chloroaniline	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	4-Chlorophenyl phenyl ether	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	4-Nitroaniline	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	4-Nitrophenol	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Acenaphthene	0.062	J	0.076	J	-20.29
GP09	CMS-060-A	GP09-FD	8270C	Acenaphthylene	0.17	J	0.29	J	-52.17
GP09	CMS-060-A	GP09-FD	8270C	Anthracene	0.32	J	0.58		-57.78
GP09	CMS-060-A	GP09-FD	8270C	Benz(a)anthracene	0.91	J	1.5	J	-48.96
GP09	CMS-060-A	GP09-FD	8270C	Benzo(a)pyrene	0.73	J	0.96	J	-27.22
GP09	CMS-060-A	GP09-FD	8270C	Benzo(b)fluoranthene	1.4	J	0.35	UJ	120.00
GP09	CMS-060-A	GP09-FD	8270C	Benzo(ghi)perylene	0.32	J	0.59	J	-59.34
GP09	CMS-060-A	GP09-FD	8270C	Benzo(k)fluoranthene	0.34	UJ	2.3	J	-148.48
GP09	CMS-060-A	GP09-FD	8270C	Benzoic acid	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Benzyl alcohol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	bis(2-Chloroethoxy)methane	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	bis(2-Chloroethyl) ether	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Bis(2-chloroisopropyl)ether	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	bis(2-Ethylhexyl) phthalate	0.1	J	0.21	J	-70.97
GP09	CMS-060-A	GP09-FD	8270C	Butyl benzyl phthalate	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Carbazole	0.34	UJ	0.24	J	34.48
GP09	CMS-060-A	GP09-FD	8270C	Chrysene	0.79	J	1.4	J	-55.71
GP09	CMS-060-A	GP09-FD	8270C	Di-n-butyl phthalate	0.34	UJ	0.079	J	124.58
GP09	CMS-060-A	GP09-FD	8270C	Di-n-octyl phthalate	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Dibenz(a,h)anthracene	0.12	J	0.23	J	-62.86
GP09	CMS-060-A	GP09-FD	8270C	Dibenzofuran	0.072	J	0.12	J	-50.00
GP09	CMS-060-A	GP09-FD	8270C	Diethyl phthalate	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Dimethyl phthalate	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Fluoranthene	2.4	J	3.7		-42.62
GP09	CMS-060-A	GP09-FD	8270C	Fluorene	0.093	J	0.16	J	-52.96
GP09	CMS-060-A	GP09-FD	8270C	Hexachlorobenzene	0.34	UJ	0.35	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	Hexachlorobutadiene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Hexachlorobutadiene	0.34	UJ	2.7	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	Hexachlorocyclopentadiene	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Hexachloroethane	0.34	UJ	0.35	UJ	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP09	CMS-060-A	GP09-FD	8270C	Indeno(1,2,3-cd)pyrene	0.31	J	0.55	J	-55.81
GP09	CMS-060-A	GP09-FD	8270C	Isophorone	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	N-Nitrosodi-n-propylamine	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	N-Nitrosodiphenylamine	0.34	UJ	0.35	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	Naphthalene	0.34	UJ	2.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Naphthalene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Nitrobenzene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Pentachlorophenol	1.6	UJ	1.7	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	Phenanthrene	1.6	J	2.9		-57.78
GP09	CMS-060-A	GP09-FD	8270C	Phenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Pyrene	2.1	J	4.0	J	-62.30
GP09	CMS-060-A	GP09-FD	8270C	Total Semi-Volatile Organic	11.0	J	20.0	J	-58.06
GP13	CMS-423-D	GP13-FD	8270C	1,2,4-Trichlorobenzene	0.15	J	0.081	J	59.74
GP13	CMS-423-D	GP13-FD	8270C	1,2,4-Trichlorobenzene	0.15	J	0.0049	U	187.35
GP13	CMS-423-D	GP13-FD	8270C	1,2-Dichlorobenzene	0.057	J	0.0049	U	168.34
GP13	CMS-423-D	GP13-FD	8270C	1,2-Dichlorobenzene	0.057	J	0.39	U	-148.99
GP13	CMS-423-D	GP13-FD	8270C	1,3-Dichlorobenzene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	1,3-Dichlorobenzene	0.37	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	1,4-Dichlorobenzene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	1,4-Dichlorobenzene	0.37	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,4,5-Trichlorophenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,4,6-Trichlorophenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,4-Dichlorophenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,4-Dimethylphenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,4-Dinitrophenol	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,4-Dinitrotoluene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,6-Dinitrotoluene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2-Chloronaphthalene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2-Chlorophenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2-Methylnaphthalene	0.081	J	0.39	U	-131.21
GP13	CMS-423-D	GP13-FD	8270C	2-Methylphenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2-Nitroaniline	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2-Nitrophenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	3&4 Methylphenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	3,3'-Dichlorobenzidine	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	3-Nitroaniline	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4,6-Dinitro-2-methylphenol	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4-Bromophenyl phenyl ether	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4-Chloro-3-methylphenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4-Chloroaniline	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4-Chlorophenyl phenyl ether	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4-Nitroaniline	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4-Nitrophenol	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Acenaphthene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Acenaphthylene	0.12	J	0.39	U	-105.88

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP13	CMS-423-D	GP13-FD	8270C	Anthracene	0.089	J	0.39	U	-125.68
GP13	CMS-423-D	GP13-FD	8270C	Benz(a)anthracene	0.23	J	0.18	J	24.39
GP13	CMS-423-D	GP13-FD	8270C	Benzo(a)pyrene	0.28	J	0.17	J	48.89
GP13	CMS-423-D	GP13-FD	8270C	Benzo(b)fluoranthene	0.52		0.32	J	47.62
GP13	CMS-423-D	GP13-FD	8270C	Benzo(ghi)perylene	0.17	J	0.39	U	-78.57
GP13	CMS-423-D	GP13-FD	8270C	Benzo(k)fluoranthene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Benzoic acid	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Benzyl alcohol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	bis(2-Chloroethoxy)methane	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	bis(2-Chloroethyl) ether	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Bis(2-chloroisopropyl)ether	0.37	UJ	0.39	UJ	0.00
GP13	CMS-423-D	GP13-FD	8270C	bis(2-Ethylhexyl) phthalate	1.7		2.3		-30.00
GP13	CMS-423-D	GP13-FD	8270C	Butyl benzyl phthalate	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Carbazole	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Chrysene	0.28	J	0.19	J	38.30
GP13	CMS-423-D	GP13-FD	8270C	Di-n-butyl phthalate	0.25	J	0.075	J	107.69
GP13	CMS-423-D	GP13-FD	8270C	Di-n-octyl phthalate	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Dibenz(a,h)anthracene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Dibenzofuran	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Diethyl phthalate	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Dimethyl phthalate	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Fluoranthene	0.46		0.35	J	27.16
GP13	CMS-423-D	GP13-FD	8270C	Fluorene	0.071	J	0.39	U	-138.39
GP13	CMS-423-D	GP13-FD	8270C	Hexachlorobenzene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Hexachlorobutadiene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Hexachlorobutadiene	0.37	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Hexachlorocyclopentadiene	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Hexachloroethane	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Indeno(1,2,3-cd)pyrene	0.14	J	0.39	U	-94.34
GP13	CMS-423-D	GP13-FD	8270C	Isophorone	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	N-Nitrosodi-n-propylamine	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	N-Nitrosodiphenylamine	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Naphthalene	0.058	J	0.0049	U	168.84
GP13	CMS-423-D	GP13-FD	8270C	Naphthalene	0.058	J	0.39	U	-148.21
GP13	CMS-423-D	GP13-FD	8270C	Nitrobenzene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Pentachlorophenol	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Phenanthrene	0.43		0.33	J	26.32
GP13	CMS-423-D	GP13-FD	8270C	Phenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Pyrene	0.52		0.45		14.43
GP13	CMS-423-D	GP13-FD	8270C	Total Semi-Volatile Organic	5.6		4.4		24.00
GP17	CMS-455-E	GP17-FD	8270C	1,2,4-Trichlorobenzene	0.48	U	0.093	J	135.08
GP17	CMS-455-E	GP17-FD	8270C	1,2,4-Trichlorobenzene	0.48	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	1,2-Dichlorobenzene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	1,2-Dichlorobenzene	0.48	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	1,3-Dichlorobenzene	0.48	U	0.51	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP17	CMS-455-E	GP17-FD	8270C	1,3-Dichlorobenzene	0.48	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	1,4-Dichlorobenzene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	1,4-Dichlorobenzene	0.48	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,4,5-Trichlorophenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,4,6-Trichlorophenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,4-Dichlorophenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,4-Dimethylphenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,4-Dinitrophenol	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,4-Dinitrotoluene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,6-Dinitrotoluene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2-Chloronaphthalene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2-Chlorophenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2-Methylnaphthalene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2-Methylphenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2-Nitroaniline	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2-Nitrophenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	3&4 Methylphenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	3,3'-Dichlorobenzidine	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	3-Nitroaniline	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4,6-Dinitro-2-methylphenol	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4-Bromophenyl phenyl ether	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4-Chloro-3-methylphenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4-Chloroaniline	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4-Chlorophenyl phenyl ether	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4-Nitroaniline	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4-Nitrophenol	2.3	UJ	2.4	UJ	0.00
GP17	CMS-455-E	GP17-FD	8270C	Acenaphthene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Acenaphthylene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Anthracene	0.48	U	0.13	J	114.75
GP17	CMS-455-E	GP17-FD	8270C	Benz(a)anthracene	0.48	U	0.32	J	40.00
GP17	CMS-455-E	GP17-FD	8270C	Benzo(a)pyrene	0.48	U	0.26	J	59.46
GP17	CMS-455-E	GP17-FD	8270C	Benzo(b)fluoranthene	0.48	UJ	0.51		-6.06
GP17	CMS-455-E	GP17-FD	8270C	Benzo(ghi)perylene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Benzo(k)fluoranthene	0.48	UJ	0.51	UJ	0.00
GP17	CMS-455-E	GP17-FD	8270C	Benzoic acid	2.3	UJ	2.4	UJ	0.00
GP17	CMS-455-E	GP17-FD	8270C	Benzyl alcohol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	bis(2-Chloroethoxy)methane	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	bis(2-Chloroethyl) ether	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Bis(2-chloroisopropyl)ether	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	bis(2-Ethylhexyl) phthalate	0.48	UJ	0.81	J	-51.16
GP17	CMS-455-E	GP17-FD	8270C	Butyl benzyl phthalate	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Carbazole	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Chrysene	0.48	U	0.3	J	46.15
GP17	CMS-455-E	GP17-FD	8270C	Di-n-butyl phthalate	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Di-n-octyl phthalate	0.48	U	0.51	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP17	CMS-455-E	GP17-FD	8270C	Dibenz(a,h)anthracene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Dibenzofuran	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Diethyl phthalate	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Dimethyl phthalate	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Fluoranthene	0.48	UJ	0.75	J	-43.90
GP17	CMS-455-E	GP17-FD	8270C	Fluorene	0.48	U	0.081	J	142.25
GP17	CMS-455-E	GP17-FD	8270C	Hexachlorobenzene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Hexachlorobutadiene	0.48	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Hexachlorobutadiene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Hexachlorocyclopentadiene	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Hexachloroethane	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Indeno(1,2,3-cd)pyrene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Isophorone	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	N-Nitrosodi-n-propylamine	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	N-Nitrosodiphenylamine	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Naphthalene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Naphthalene	0.48	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Nitrobenzene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Pentachlorophenol	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Phenanthrene	0.48	UJ	0.73	J	-41.32
GP17	CMS-455-E	GP17-FD	8270C	Phenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Pyrene	0.48	UJ	0.77	J	-46.40
GP17	CMS-455-E	GP17-FD	8270C	Total Semi-Volatile Organic	2.3		4.8		-70.42

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
AP01	CMS-607-A	AP01-FD	8280	2,3,7,8-TCDD	0.0053	J	0.0095	J	-56.76
AP02	CMS-611-A	AP02-FD	8280	2,3,7,8-TCDD	0.002	J	0.0011	J	58.06
AP03	CMS-621-A	AP03-FD	8280	2,3,7,8-TCDD	0.0023		0.0022		4.44
BV01	CMS-701-A	BV01-FD	8280	2,3,7,8-TCDD	0.00041	J	0.00037	J	10.26
GP01	CMS-153-B	GP01-FD	8280	2,3,7,8-TCDD	0.0001	J	0.00055	J	-138.46
GP02	CMS-404-A	GP02-FD	8280	2,3,7,8-TCDD	0.000083	J	0.0003	J	-113.32
GP03	CMS-410-E	GP03-FD	8280	2,3,7,8-TCDD	0.00029	U	0.00015	U	0.00
GP04	CMS-405-B	GP04-FD	8280	2,3,7,8-TCDD	0.00004	UJ	0.000093	UJ	0.00
GP05	CMS-409-E	GP05-FD	8280	2,3,7,8-TCDD	0.0000084	U	0.0000048	U	0.00
GP06	CMS-416-B	GP06-FD	8280	2,3,7,8-TCDD	0.00022	J	0.0016	J	-151.65
GP07	CMS-142-A	GP07-FD	8280	2,3,7,8-TCDD	0.00069	J	0.0015	J	-73.97
GP08	CMS-406-B	GP08-FD	8280	2,3,7,8-TCDD	0.000025	U	0.000029	U	0.00
GP09	CMS-060-A	GP09-FD	8280	2,3,7,8-TCDD	0.00082	J	0.000047	U	178.32
GP10	CMS-069-B	GP10-FD	8280	2,3,7,8-TCDD	0.00017	J	0.00018	J	-5.71
GP11	CMS-420-B	GP11-FD	8280	2,3,7,8-TCDD	0.000019	U	0.0000087	U	0.00
GP12	CMS-162-D	GP12-FD	8280	2,3,7,8-TCDD	0.00086	J	0.00061	U	34.01
GP13	CMS-423-D	GP13-FD	8280	2,3,7,8-TCDD	0.00012	J	0.000021	U	140.43
GP14	CMS-426-B	GP14-FD	8280	2,3,7,8-TCDD	0.0033	J	0.0084	J	-87.18
GP15	CMS-421-B	GP15-FD	8280	2,3,7,8-TCDD	0.00021	U	0.000079	J	90.66
GP16	CMS-432-B	GP16-FD	8280	2,3,7,8-TCDD	0.000087	U	0.000087	J	0.00
GP17	CMS-455-E	GP17-FD	8280	2,3,7,8-TCDD	0.00012	U	0.000073	U	0.00
GP18	CMS-428-C	GP18-FD	8280	2,3,7,8-TCDD	0.000037	U	0.000023	U	0.00
GP19	CMS-453-D	GP19-FD	8280	2,3,7,8-TCDD	0.011	J	0.0022	J	133.33
GP20	CMS-452-E	GP20-FD	8280	2,3,7,8-TCDD	0.00075		0.00057		27.27
HA01	CMS-162-A	HA01-FD	8280	2,3,7,8-TCDD	0.00054	J	0.00098	J	-57.89
HA02	CMS-238-B	HA02-FD	8280	2,3,7,8-TCDD	0.00013	J	0.00033	U	-86.96
HA03	CMS-170-B	HA03-FD	8280	2,3,7,8-TCDD	0.002	J	0.0072	J	-113.04
HA04	CMS-150-A	HA04-FD	8280	2,3,7,8-TCDD	0.00021	J	0.00032	J	-41.51
HA05	CMS-193-A	HA05-FD	8280	2,3,7,8-TCDD	0.0072		0.0099		-31.58
HA06	CMS-191-A	HA06-FD	8280	2,3,7,8-TCDD	0.0054	J	0.012	J	-75.86
HA07	CMS-214-B	HA07-FD	8280	2,3,7,8-TCDD	0.00013	J	0.00029	J	-76.19
HA08	CMS-435-A	HA08-FD	8280	2,3,7,8-TCDD	0.000042	J	0.000027	U	43.48
HA09	CMS-019-B	HA09-FD	8280	2,3,7,8-TCDD	0.000031	U	0.000033	J	-6.25
HA10	CMS-023-B	HA10-FD	8280	2,3,7,8-TCDD	0.027	J	0.013	J	70.00
HA11	CMS-215-B-1	HA11-FD	8280	2,3,7,8-TCDD	0.00089	J	0.0003	J	99.16

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
AD01	AD-04-A	AD01-FD	8290	1,2,3,4,6,7,8-HpDD	0.0018	J	0.0056	J	-102.70
AD01	AD-04-A	AD01-FD	8290	1,2,3,4,6,7,8-HpDF	0.00076	J	0.00067		12.59
AD01	AD-04-A	AD01-FD	8290	1,2,3,4,7,8,9-HpDF	0.000032		0.000043		-29.33
AD01	AD-04-A	AD01-FD	8290	1,2,3,4,7,8-HxDD	0.000033	J	0.0001	J	-100.75
AD01	AD-04-A	AD01-FD	8290	1,2,3,4,7,8-HxDF	0.00009		0.000084		6.90
AD01	AD-04-A	AD01-FD	8290	1,2,3,6,7,8-HxDD	0.0001	J	0.0002	J	-66.67
AD01	AD-04-A	AD01-FD	8290	1,2,3,6,7,8-HxDF	0.000078	J	0.00007	J	10.81
AD01	AD-04-A	AD01-FD	8290	1,2,3,7,8,9-HxDD	0.000095	J	0.00023	J	-83.08
AD01	AD-04-A	AD01-FD	8290	1,2,3,7,8,9-HxDF	0.0000027	U	0.0000048	U	0.00
AD01	AD-04-A	AD01-FD	8290	1,2,3,7,8-PeDD	0.000031	J	0.000081	J	-89.29
AD01	AD-04-A	AD01-FD	8290	1,2,3,7,8-PeDF	0.00002		0.000026		-26.09
AD01	AD-04-A	AD01-FD	8290	2,3,4,6,7,8-HxDF	0.000037		0.000036		2.74
AD01	AD-04-A	AD01-FD	8290	2,3,4,7,8-PeDF	0.000038	J	0.000069	J	-57.94
AD01	AD-04-A	AD01-FD	8290	2,3,7,8-TCDD	0.026	J	0.093	J	-112.61
AD01	AD-04-A	AD01-FD	8290	2,3,7,8-TCDF	0.000052	J	0.00011	J	-71.60
AD01	AD-04-A	AD01-FD	8290	OCDD	0.013	J	0.038	J	-98.04
AD01	AD-04-A	AD01-FD	8290	OCDF	0.0008		0.00098		-20.22
AD01	AD-04-A	AD01-FD	8290	Total HpCDDs	0.0033		0.0094		-96.06
AD01	AD-04-A	AD01-FD	8290	Total HpCDFs	0.0015		0.0015		0.00
AD01	AD-04-A	AD01-FD	8290	Total HxCDDs	0.00078		0.0019		-83.58
AD01	AD-04-A	AD01-FD	8290	Total HxCDFs	0.0015		0.0019		-23.53
AD01	AD-04-A	AD01-FD	8290	Total PeCDDs	0.00017		0.00048		-95.38
AD01	AD-04-A	AD01-FD	8290	Total PeCDFs	0.0015		0.0019		-23.53
AD01	AD-04-A	AD01-FD	8290	Total TCDDs	0.027		0.096		-112.20
AD01	AD-04-A	AD01-FD	8290	Total TCDFs	0.0015		0.003		-66.67
HA12	CMS-464-A	HA12-FD	8290	1,2,3,4,6,7,8-HpDD	0.0000111		0.0000133		-18.03
HA12	CMS-464-A	HA12-FD	8290	1,2,3,4,6,7,8-HpDF	0.00000593		0.00000669		-12.04
HA12	CMS-464-A	HA12-FD	8290	1,2,3,4,7,8,9-HpDF	0.00000078		.000000963		-21.00
HA12	CMS-464-A	HA12-FD	8290	1,2,3,4,7,8-HxDD	.000000486		.000000936		-63.29
HA12	CMS-464-A	HA12-FD	8290	1,2,3,4,7,8-HxDF	0.00000228		0.00000277		-19.41
HA12	CMS-464-A	HA12-FD	8290	1,2,3,6,7,8-HxDD	0.00000251	UJ	0.00000356	UJ	0.00
HA12	CMS-464-A	HA12-FD	8290	1,2,3,6,7,8-HxDF	0.00000285		0.00000345		-19.05
HA12	CMS-464-A	HA12-FD	8290	1,2,3,7,8,9-HxDD	0.00000131	UJ	0.00000168	UJ	0.00
HA12	CMS-464-A	HA12-FD	8290	1,2,3,7,8,9-HxDF	0.00000145		0.00000146		-0.69
HA12	CMS-464-A	HA12-FD	8290	1,2,3,7,8-PeDD	0.00000149	UJ	0.00000158	UJ	0.00
HA12	CMS-464-A	HA12-FD	8290	1,2,3,7,8-PeDF	.000000714		.000000826		-14.55
HA12	CMS-464-A	HA12-FD	8290	2,3,4,6,7,8-HxDF	0.0000077		0.0000091		-16.67
HA12	CMS-464-A	HA12-FD	8290	2,3,4,7,8-PeDF	0.0000176		0.0000192		-8.70
HA12	CMS-464-A	HA12-FD	8290	2,3,7,8-TCDD	0.00000162		0.00000261		-46.81
HA12	CMS-464-A	HA12-FD	8290	2,3,7,8-TCDF	0.00000121		0.00000135		-10.94
HA12	CMS-464-A	HA12-FD	8290	OCDD	0.0000919		0.000104		-12.35
HA12	CMS-464-A	HA12-FD	8290	OCDF	0.00000725		0.00000851		-15.99
HA12	CMS-464-A	HA12-FD	8290	PCDD/Fs	0.000492		0.000548		-10.77
HA12	CMS-464-A	HA12-FD	8290	TEQ (ND=0)	0.0000135		0.0000158		-15.70
HA12	CMS-464-A	HA12-FD	8290	TEQ (ND=1/2)	0.0000135		0.0000158		-15.70

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
HA12	CMS-464-A	HA12-FD	8290	TEQ EMPC (ND=0)	0.0000135		0.0000158		-15.70
HA12	CMS-464-A	HA12-FD	8290	TEQ EMPC (ND=1/2)	0.0000135		0.0000158		-15.70
HA12	CMS-464-A	HA12-FD	8290	Total HpCDDs	0.0000234	J	0.0000274	J	-15.75
HA12	CMS-464-A	HA12-FD	8290	Total HpCDFs	0.0000136	J	0.0000155	J	-13.06
HA12	CMS-464-A	HA12-FD	8290	Total HxCDDs	0.0000313	UJ	0.000034	UJ	0.00
HA12	CMS-464-A	HA12-FD	8290	Total HxCDFs	0.0000909	J	0.000106	J	-15.34
HA12	CMS-464-A	HA12-FD	8290	Total PeCDDs	0.0000216	UJ	0.0000175	UJ	0.00
HA12	CMS-464-A	HA12-FD	8290	Total PeCDFs	0.000143	J	0.000166	J	-14.89
HA12	CMS-464-A	HA12-FD	8290	Total TCDDs	0.000012	J	0.00000574	UJ	70.57
HA12	CMS-464-A	HA12-FD	8290	Total TCDFs	0.0000566	J	0.000063	J	-10.70
HA13	CMS-477-B	HA13-FD	8290	1,2,3,4,6,7,8-HpDD	0.0000249	J	0.00000847		98.47
HA13	CMS-477-B	HA13-FD	8290	1,2,3,4,6,7,8-HpDF	0.0000085		0.00000622		30.98
HA13	CMS-477-B	HA13-FD	8290	1,2,3,4,7,8,9-HpDF	.000000609		.000000498		20.05
HA13	CMS-477-B	HA13-FD	8290	1,2,3,4,7,8-HxDD	.000000439		.000000281	U	43.89
HA13	CMS-477-B	HA13-FD	8290	1,2,3,4,7,8-HxDF	0.00000148		0.00000093		45.64
HA13	CMS-477-B	HA13-FD	8290	1,2,3,6,7,8-HxDD	0.00000127		.000000611	UJ	70.07
HA13	CMS-477-B	HA13-FD	8290	1,2,3,6,7,8-HxDF	0.00000108		.000000922		15.78
HA13	CMS-477-B	HA13-FD	8290	1,2,3,7,8,9-HxDD	0.00000105		.000000459		78.33
HA13	CMS-477-B	HA13-FD	8290	1,2,3,7,8,9-HxDF	.000000392		0.00000024		48.10
HA13	CMS-477-B	HA13-FD	8290	1,2,3,7,8-PeDD	.000000425	UJ	.000000235	UJ	0.00
HA13	CMS-477-B	HA13-FD	8290	1,2,3,7,8-PeDF	0.00000036		.000000601		-50.16
HA13	CMS-477-B	HA13-FD	8290	2,3,4,6,7,8-HxDF	0.00000111		.000000771		36.04
HA13	CMS-477-B	HA13-FD	8290	2,3,4,7,8-PeDF	0.00000171		0.00000109		44.29
HA13	CMS-477-B	HA13-FD	8290	2,3,7,8-TCDD	0.00024	J	0.0000634		116.41
HA13	CMS-477-B	HA13-FD	8290	2,3,7,8-TCDF	0.00000175		0.00000213		-19.59
HA13	CMS-477-B	HA13-FD	8290	OCDD	0.000158	J	0.0000574		93.41
HA13	CMS-477-B	HA13-FD	8290	OCDF	0.0000108		0.00000759		34.91
HA13	CMS-477-B	HA13-FD	8290	PCDD/Fs	0.000569		0.000209		92.54
HA13	CMS-477-B	HA13-FD	8290	TEQ (ND=0)	0.000242		0.0000649		115.41
HA13	CMS-477-B	HA13-FD	8290	TEQ (ND=1/2)	0.000242		0.0000649		115.41
HA13	CMS-477-B	HA13-FD	8290	TEQ EMPC (ND=0)	0.000242		0.0000649		115.41
HA13	CMS-477-B	HA13-FD	8290	TEQ EMPC (ND=1/2)	0.000242		0.0000649		115.41
HA13	CMS-477-B	HA13-FD	8290	Total HpCDDs	0.0000471	J	0.0000153	J	101.92
HA13	CMS-477-B	HA13-FD	8290	Total HpCDFs	0.0000169	J	0.0000105	J	46.72
HA13	CMS-477-B	HA13-FD	8290	Total HxCDDs	0.0000116	J	0.0000037	UJ	103.27
HA13	CMS-477-B	HA13-FD	8290	Total HxCDFs	0.0000207	J	0.0000111	UJ	60.38
HA13	CMS-477-B	HA13-FD	8290	Total PeCDDs	0.00000418	UJ	0.00000194	UJ	0.00
HA13	CMS-477-B	HA13-FD	8290	Total PeCDFs	0.0000239	J	0.0000148	J	47.03
HA13	CMS-477-B	HA13-FD	8290	Total TCDDs	0.000248	J	0.0000665	J	115.42
HA13	CMS-477-B	HA13-FD	8290	Total TCDFs	0.0000277	J	0.0000199	J	32.77
HA14	CMS-484-A	HA14-FD	8290	1,2,3,4,6,7,8-HpDD	0.0000778	J	0.0000972		-22.17
HA14	CMS-484-A	HA14-FD	8290	1,2,3,4,6,7,8-HpDF	0.0000184		0.0000268		-37.17
HA14	CMS-484-A	HA14-FD	8290	1,2,3,4,7,8,9-HpDF	0.00000185		0.00000202		-8.79
HA14	CMS-484-A	HA14-FD	8290	1,2,3,4,7,8-HxDD	0.00000174		0.0000014		21.66
HA14	CMS-484-A	HA14-FD	8290	1,2,3,4,7,8-HxDF	0.0000012		0.00000182		-41.06

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
HA14	CMS-484-A	HA14-FD	8290	1,2,3,6,7,8-HxDD	0.00000383		0.00000464		-19.13
HA14	CMS-484-A	HA14-FD	8290	1,2,3,6,7,8-HxDF	0.00000138		0.00000206		-39.53
HA14	CMS-484-A	HA14-FD	8290	1,2,3,7,8,9-HxDD	0.00000345		0.00000281		20.45
HA14	CMS-484-A	HA14-FD	8290	1,2,3,7,8,9-HxDF	.000000495	UJ	0.00000067	UJ	0.00
HA14	CMS-484-A	HA14-FD	8290	1,2,3,7,8-PeDD	.000000794	UJ	.000000722	UJ	0.00
HA14	CMS-484-A	HA14-FD	8290	1,2,3,7,8-PeDF	.000000347	UJ	.000000757		-74.28
HA14	CMS-484-A	HA14-FD	8290	2,3,4,6,7,8-HxDF	0.00000251	J	0.00000434	J	-53.43
HA14	CMS-484-A	HA14-FD	8290	2,3,4,7,8-PeDF	0.00000303	J	0.00000591	J	-64.43
HA14	CMS-484-A	HA14-FD	8290	2,3,7,8-TCDD	0.00000051	UJ	0.00000115	J	-77.11
HA14	CMS-484-A	HA14-FD	8290	2,3,7,8-TCDF	.000000441		0.00000132		-99.83
HA14	CMS-484-A	HA14-FD	8290	OCDD	0.000507	J	0.000625	J	-20.85
HA14	CMS-484-A	HA14-FD	8290	OCDF	0.0000614		0.0000805		-26.92
HA14	CMS-484-A	HA14-FD	8290	PCDD/Fs	0.000874		0.00117		-28.96
HA14	CMS-484-A	HA14-FD	8290	TEQ (ND=0)	0.00000549		0.00000838		-41.67
HA14	CMS-484-A	HA14-FD	8290	TEQ (ND=1/2)	0.00000549		0.00000838		-41.67
HA14	CMS-484-A	HA14-FD	8290	TEQ EMPC (ND=0)	0.00000549		0.00000838		-41.67
HA14	CMS-484-A	HA14-FD	8290	TEQ EMPC (ND=1/2)	0.00000549		0.00000838		-41.67
HA14	CMS-484-A	HA14-FD	8290	Total HpCDDs	0.000135	J	0.000187		-32.30
HA14	CMS-484-A	HA14-FD	8290	Total HpCDFs	0.0000513	J	0.0000807		-44.55
HA14	CMS-484-A	HA14-FD	8290	Total HxCDDs	0.0000244	J	0.0000307		-22.87
HA14	CMS-484-A	HA14-FD	8290	Total HxCDFs	0.0000368	J	0.000055		-39.65
HA14	CMS-484-A	HA14-FD	8290	Total PeCDDs	0.00000366	J	0.00000395	UJ	0.00
HA14	CMS-484-A	HA14-FD	8290	Total PeCDFs	0.0000407	J	0.0000704		-53.47
HA14	CMS-484-A	HA14-FD	8290	Total TCDDs	0.00000051	J	0.00000323	UJ	0.00
HA14	CMS-484-A	HA14-FD	8290	Total TCDFs	0.0000137	J	0.000038		-94.00
HA15	CMS-490-B	HA15-FD	8290	1,2,3,4,6,7,8-HpDD	0.0000519		0.0000558		-7.24
HA15	CMS-490-B	HA15-FD	8290	1,2,3,4,6,7,8-HpDF	0.0000302		0.0000327		-7.95
HA15	CMS-490-B	HA15-FD	8290	1,2,3,4,7,8,9-HpDF	0.0000017		0.00000183		-7.37
HA15	CMS-490-B	HA15-FD	8290	1,2,3,4,7,8-HxDD	.000000878		0.00000099		-11.99
HA15	CMS-490-B	HA15-FD	8290	1,2,3,4,7,8-HxDF	0.00000207		0.00000224		-7.89
HA15	CMS-490-B	HA15-FD	8290	1,2,3,6,7,8-HxDD	0.00000238		0.00000264		-10.36
HA15	CMS-490-B	HA15-FD	8290	1,2,3,6,7,8-HxDF	0.00000251		0.00000259		-3.14
HA15	CMS-490-B	HA15-FD	8290	1,2,3,7,8,9-HxDD	0.00000185		0.00000206		-10.74
HA15	CMS-490-B	HA15-FD	8290	1,2,3,7,8,9-HxDF	.000000583	U	.000000676	U	0.00
HA15	CMS-490-B	HA15-FD	8290	1,2,3,7,8-PeDD	.000000835	J	.000000932		-10.98
HA15	CMS-490-B	HA15-FD	8290	1,2,3,7,8-PeDF	.000000716		.000000729		-1.80
HA15	CMS-490-B	HA15-FD	8290	2,3,4,6,7,8-HxDF	0.00000226		0.00000244		-7.66
HA15	CMS-490-B	HA15-FD	8290	2,3,4,7,8-PeDF	0.00000252		0.00000311		-20.96
HA15	CMS-490-B	HA15-FD	8290	2,3,7,8-TCDD	0.000307		0.000351		-13.37
HA15	CMS-490-B	HA15-FD	8290	2,3,7,8-TCDF	0.00000222		0.00000257		-14.61
HA15	CMS-490-B	HA15-FD	8290	OCDD	0.000336		0.00035		-4.08
HA15	CMS-490-B	HA15-FD	8290	OCDF	0.0000395		0.000041		-3.73
HA15	CMS-490-B	HA15-FD	8290	PCDD/Fs	0.00102		0.00111		-8.45
HA15	CMS-490-B	HA15-FD	8290	TEQ (ND=0)	0.000311		0.000356		-13.49
HA15	CMS-490-B	HA15-FD	8290	TEQ (ND=1/2)	0.000311		0.000356		-13.49

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
HA15	CMS-490-B	HA15-FD	8290	TEQ EMPC (ND=0)	0.000311		0.000356		-13.49
HA15	CMS-490-B	HA15-FD	8290	TEQ EMPC (ND=1/2)	0.000311		0.000356		-13.49
HA15	CMS-490-B	HA15-FD	8290	Total HpCDDs	0.0000971	J	0.000103	J	-5.90
HA15	CMS-490-B	HA15-FD	8290	Total HpCDFs	0.0000564	J	0.0000607	J	-7.34
HA15	CMS-490-B	HA15-FD	8290	Total HxCDDs	0.0000213	J	0.0000222	J	-4.14
HA15	CMS-490-B	HA15-FD	8290	Total HxCDFs	0.0000475	J	0.0000505	J	-6.12
HA15	CMS-490-B	HA15-FD	8290	Total PeCDDs	0.00000383	J	0.00000827	J	-73.39
HA15	CMS-490-B	HA15-FD	8290	Total PeCDFs	0.0000482	J	0.000051	J	-5.65
HA15	CMS-490-B	HA15-FD	8290	Total TCDDs	0.000318	J	0.000365	J	-13.76
HA15	CMS-490-B	HA15-FD	8290	Total TCDFs	0.0000477	J	0.0000543	J	-12.94
HA16	CMS-500-A	HA16-FD	8290	1,2,3,4,6,7,8-HpDD	0.000022	JEB	0.0000288	JEB	-26.77
HA16	CMS-500-A	HA16-FD	8290	1,2,3,4,6,7,8-HpDF	0.0000111	J	0.0000447	J	-120.43
HA16	CMS-500-A	HA16-FD	8290	1,2,3,4,7,8,9-HpDF	0.00000102		0.00000418	J	-121.54
HA16	CMS-500-A	HA16-FD	8290	1,2,3,4,7,8-HxDD	.000000831	J	0.00000138	U	-49.66
HA16	CMS-500-A	HA16-FD	8290	1,2,3,4,7,8-HxDF	0.00000297	J	0.0000114	J	-117.33
HA16	CMS-500-A	HA16-FD	8290	1,2,3,6,7,8-HxDD	0.00000204	J	0.00000313	J	-42.17
HA16	CMS-500-A	HA16-FD	8290	1,2,3,6,7,8-HxDF	0.00000297	J	0.00000913	J	-101.82
HA16	CMS-500-A	HA16-FD	8290	1,2,3,7,8,9-HxDD	0.00000149	J	0.00000232	J	-43.57
HA16	CMS-500-A	HA16-FD	8290	1,2,3,7,8,9-HxDF	.000000694	UJ	0.0000028	J	-120.55
HA16	CMS-500-A	HA16-FD	8290	1,2,3,7,8-PeDD	.000000846	J	0.00000146	J	-53.25
HA16	CMS-500-A	HA16-FD	8290	1,2,3,7,8-PeDF	0.00000345	J	0.00000741	J	-72.93
HA16	CMS-500-A	HA16-FD	8290	2,3,4,6,7,8-HxDF	0.0000049	J	0.0000134	J	-92.90
HA16	CMS-500-A	HA16-FD	8290	2,3,4,7,8-PeDF	0.0000113	J	0.0000145	J	-24.81
HA16	CMS-500-A	HA16-FD	8290	2,3,7,8-TCDD	0.0000168	J	0.0000227	J	-29.87
HA16	CMS-500-A	HA16-FD	8290	2,3,7,8-TCDF	0.00000949	J	0.0000112	J	-16.53
HA16	CMS-500-A	HA16-FD	8290	OCDD	0.000119	J	0.000129	J	-8.06
HA16	CMS-500-A	HA16-FD	8290	OCDF	0.0000105	J	0.0000266	J	-86.79
HA16	CMS-500-A	HA16-FD	8290	PCDD/Fs	0.000552		0.0008		-36.69
HA16	CMS-500-A	HA16-FD	8290	TEQ (ND=0)	0.000026		0.0000373		-35.70
HA16	CMS-500-A	HA16-FD	8290	TEQ (ND=1/2)	0.000026		0.0000373		-35.70
HA16	CMS-500-A	HA16-FD	8290	TEQ EMPC (ND=0)	0.000026		0.0000375		-36.22
HA16	CMS-500-A	HA16-FD	8290	TEQ EMPC (ND=1/2)	0.000026		0.0000375		-36.22
HA16	CMS-500-A	HA16-FD	8290	Total HpCDDs	0.0000456	JEB	0.0000594	JEB	-26.29
HA16	CMS-500-A	HA16-FD	8290	Total HpCDFs	0.0000173	J	0.0000668	J	-117.72
HA16	CMS-500-A	HA16-FD	8290	Total HxCDDs	0.0000217	JEB	0.0000335	JEB	-42.75
HA16	CMS-500-A	HA16-FD	8290	Total HxCDFs	0.0000556	J	0.000116	J	-70.40
HA16	CMS-500-A	HA16-FD	8290	Total PeCDDs	0.0000141	JEB	0.0000234	JEB	-49.60
HA16	CMS-500-A	HA16-FD	8290	Total PeCDFs	0.000112	J	0.000172	J	-42.25
HA16	CMS-500-A	HA16-FD	8290	Total TCDDs	0.0000416	J	0.0000476	J	-13.45
HA16	CMS-500-A	HA16-FD	8290	Total TCDFs	0.000115	J	0.000126	J	-9.13

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP04	CMS-405-B	GP04-FD	9012A	Cyanide (Total)	0.96	U	4.4		-128.36
GP07	CMS-142-A	GP07-FD	9012A	Cyanide (Total)	0.87	U	0.83	U	0.00
GP09	CMS-060-A	GP09-FD	9012A	Cyanide (Total)	0.51	U	0.53	U	0.00
GP13	CMS-423-D	GP13-FD	9012A	Cyanide (Total)	1.5		0.60	U	85.71
GP17	CMS-455-E	GP17-FD	9012A	Cyanide (Total)	0.72	UJ	0.77	UJ	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
AD01	AD-04-A	AD01-FD	9060	Total Organic Carbon	99000		87100		12.79
AD01	AD-04-A	AD01-FD	9060	Total Organic Carbon	99000		90300		9.19
AD01	AD-04-A	AD01-FD	9060	Total Organic Carbon	93000		90300		2.95
AD01	AD-04-A	AD01-FD	9060	Total Organic Carbon	93000		87100		6.55

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC02326

EPA/CLP No.

NA

Report date: 09/15/1999
Method: 8290
Lab name: quanterra
Labcode: QUANTER Case: NA DAS No. NA
Matrix: SOIL QC Report No.:NA
Sample wt/vol: NA (g/ml) NA
Water Sample Prep.:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL) %Solids
GC Column: NA ID: NA (mm)

Contract: NA
SDG: AD01
Lab Sample ID: G9G230249-01
Lab File ID: NA
Date sample received: 07/24/1999
Date Extracted: 08/02/1999
Date analyzed: 08/07/1999
Dilution Factor: 1

Comments:

Concentration Units: ng/Kg (ppt)

PES Compounds Reported

CAS No.	*Compound Name*	*Concentration*	*Evaluation*	*Q*
1746-01-6	2,3,7,8-TCDD	1.3	Within Limits	
41903-57-5	TOTAL-TCDD	1.3	Within Limits	

09/21/99 08:14 NO.016 D03

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC01512

EPA/CLP No.

NA

Report date: 09/15/1999
Method: 8290
Lab name: QUANTERRA
Labcode: QUANTER Case: NA DAS No. NA
Matrix: SOIL QC Report No.:NA
Sample wt/vol: NA (g/ml) NA
Water Sample Prep.:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL) %Solids
GC Column: NA ID: NA (mm)

Contract: NA
SDG: AD01
Lab Sample ID: G9G230249-01
Lab File ID: NA
Date sample received: 07/23/1999
Date Extracted: 08/02/1999
Date analyzed: 08/23/1999
Dilution Factor: 1

Comments:

Concentration Units: ng/Kg (ppt)

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
51207-31-9	2,3,7,8-TCDF	2.9	Within Warning Limits	
55722-27-5	TOTAL-TCDF	4.9	Within Warning Limits	
1746-01-6	2,3,7,8-TCDD	11	Within Warning Limits	
41903-57-5	TOTAL-TCDD	14	Within Warning Limits	
57117-31-4	2,3,4,7,8-PeCDF	7.8	Within Warning Limits	
30402-15-4	TOTAL-PeCDF	7.8	Within Warning Limits	
40321-76-4	1,2,3,7,8-PeCDD	14	Within Warning Limits	
36088-22-9	TOTAL-PeCDD	14	Within Warning Limits	
72918-21-9	1,2,3,7,8,9-HxCDF	24	Within Warning Limits	
60851-34-5	2,3,4,6,7,8-HxCDF	33	Warning High	
55684-94-1	TOTAL-HxCDF	46	Within Warning Limits	
39227-28-6	1,2,3,4,7,8-HxCDD	9	Within Warning Limits	
57653-85-7	1,2,3,6,7,8-HxCDD	28	Within Warning Limits	
19408-74-3	1,2,3,7,8,9-HxCDD	30	Within Warning Limits	
34465-46-8	TOTAL-HxCDD	65	Within Warning Limits	
67562-39-4	1,2,3,4,6,7,8-HpCDF	15	Within Warning Limits	
38998-75-3	TOTAL-HpCDF	15	Within Warning Limits	
35822-46-9	1,2,3,4,6,7,8-HpCDD	100	Within Warning Limits	
37871-00-4	TOTAL-HpCDD	100	Within Warning Limits	
39001-02-0	OCDF	8.3	Within Warning Limits	J
3268-87-9	OCDD	120	Within Warning Limits	

PES Compounds Missed

CAS No	Compound Name	Concentration	Evaluation	Q
57117-44-9	1,2,3,6,7,8-HxCDF		PES Compound Missed	ND

INORGANIC EVALUATION REPORT FOR PES

ICC00744

EPA/CLP No.

NA

Report date: 09/15/1999
Method: 6010B
Lab name: QUANTERRA
Labcode: QUANTER Case: NA DAS No.: NA
Matrix: SOIL QC Report No.: NA
Level: (low/med):
%Solids: NA

Contract: NA
SDG: AD01
Lab Sample ID: G9G230249-01
Date sample received: 07/23/1999

Color Before: NA Clarity Before: NA Texture: NA
Color After: NA Clarity After: NA Artifacts: NA

Comments:

NOTE:
All Analytes without a concentration or Qualifier were not analyzed for.

Concentration Units: mg/Kg

PES Analytes Reported

CAS No.	Analyte Name	Concentration	Evaluation	C	Q	M
7440-38-2	Arsenic	12.4	Within Warning Limits		B	
7439-92-1	Lead	435	Within Warning Limits			

PES Analytes Missed

CAS No	Analyte Name	Concentration	Evaluation	C	Q	M
7429-90-5	Aluminum		PES Analyte Missed			
7440-70-2	Calcium		PES Analyte Missed			
7440-47-3	Chromium		PES Analyte Missed			
7440-50-8	Copper		PES Analyte Missed			
7439-89-6	Iron		PES Analyte Missed			
7439-95-4	Magnesium		PES Analyte Missed			
7439-96-5	Manganese		PES Analyte Missed			
7440-62-2	Vanadium		PES Analyte Missed			
7440-66-6	Zinc		PES Analyte Missed			
	Cyanide		PES Analyte Missed			

PES Analytes Not Evaluated

CAS No	Analyte Name	Concentration	Evaluation	C	Q	M
7440-36-0	Antimony		Not Evaluated			
7440-39-3	Barium	10.6	Not Evaluated		B	
7440-41-7	Beryllium		Not Evaluated			
7440-43-9	Cadmium	20.3	Not Evaluated			
7440-48-4	Cobalt		Not Evaluated			
7439-97-6	Mercury		Not Evaluated			
7440-02-0	Nickel		Not Evaluated			
7440-09-7	Potassium		Not Evaluated			
7782-49-2	Selenium		Not Evaluated	ND		
7440-22-4	Silver	0.28	Not Evaluated		B	
7440-23-5	Sodium		Not Evaluated			
7440-28-0	Thallium		Not Evaluated			

09/21/99 08:14 NO.016 D05

EVALUATION REPORT FOR PES
TT05585

EPA/CLP No.

NA

Report date: 09/15/1999
Method: SW846 8082
Lab name: QUANTERRA-WEST SACRAMENTO
Labcode: Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: (g/mL)
%Moisture Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: (uL)
Injection Volume: (uL)
GPC Cleanup: (Y/N) pH:

Contract:
SDG: AD01
Lab Sample ID:
Lab File ID:
Date sample received: 07/23/1999
Date Extracted: 08/18/1999
Date analyzed: 08/23/1999
Dilution Factor: 50
Sulfur Cleanup

Comments:
Lot-Sample #: G9G230249-018 Work Order #: D0FP1101
Date Sampled: 07/19/99 Prep Batch #: 9230276

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	7300	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

09/22/99 15:16 NO.025 D03

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AD01	PE	ICC00744	6010B	0	Arsenic	12.4	B	mg/kg	30.0	12.4	-------EPA scored--------			
AD01	PE	ICC00744	6010B	0	Barium	10.6	B	mg/kg	20.0	10.6	-------EPA scored--------			
AD01	PE	ICC00744	6010B	0	Cadmium	1.1		mg/kg	0.50	1.1	-------EPA scored--------			
AD01	PE	ICC00744	6010B	0	Chromium	20.3		mg/kg	1.0	20.3	-------EPA scored--------			
AD01	PE	ICC00744	6010B	0	Lead	435		mg/kg	10.0	435	-------EPA scored--------			
AD01	PE	ICC00744	6010B	0	Selenium	ND		mg/kg	25.0		-------EPA scored--------			
AD01	PE	ICC00744	6010B	0	Silver	0.28	B	mg/kg	1.0	0.28	-------EPA scored--------			
AD01	PE	LOT354-Y	8081A	0	4,4'-DDD	210		ug/kg	34	210	93.5	264	216	OK
AD01	PE	LOT354-Y	8081A	0	4,4'-DDE	160		ug/kg	34	160	92.7	235	190	OK
AD01	PE	LOT354-Y	8081A	0	4,4'-DDT	330		ug/kg	34	330	114	465	382	OK
AD01	PE	LOT354-Y	8081A	0	Aldrin	280		ug/kg	17	280	146	459	360	OK
AD01	PE	LOT354-Y	8081A	0	alpha-BHC	220	Q	ug/kg	17	220	81.9	304	265	OK
AD01	PE	LOT354-Y	8081A	0	alpha-Chlordane	300		ug/kg	17	300	146	434	356	OK
AD01	PE	LOT354-Y	8081A	0	beta-BHC	110		ug/kg	17	110	45.2	192	154	OK
AD01	PE	LOT354-Y	8081A	0	delta-BHC	ND		ug/kg	17					OK
AD01	PE	LOT354-Y	8081A	0	Dieldrin	290		ug/kg	34	290	120	360	238	OK
AD01	PE	LOT354-Y	8081A	0	Endosulfan I	ND		ug/kg	17					OK
AD01	PE	LOT354-Y	8081A	0	Endosulfan II	ND		ug/kg	34					OK
AD01	PE	LOT354-Y	8081A	0	Endosulfan sulfate	ND		ug/kg	34					OK
AD01	PE	LOT354-Y	8081A	0	Endrin	240		ug/kg	34	240	115	293	238	OK
AD01	PE	LOT354-Y	8081A	0	Endrin aldehyde	ND		ug/kg	34					OK
AD01	PE	LOT354-Y	8081A	0	Endrin ketone	11	J	ug/kg	34	11				HIGH
AD01	PE	LOT354-Y	8081A	0	gamma-BHC (Lindane)	300		ug/kg	17	300	118	495	382	OK
AD01	PE	LOT354-Y	8081A	0	gamma-Chlordane	ND		ug/kg	17					OK
AD01	PE	LOT354-Y	8081A	0	Heptachlor	120		ug/kg	17	120	65	189	150	OK
AD01	PE	LOT354-Y	8081A	0	Heptachlor epoxide	270		ug/kg	17	270	135	422	343	OK
AD01	PE	LOT354-Y	8081A	0	Methoxychlor	160	J	ug/kg	170	160	59.4	251	193	OK
AD01	PE	LOT354-Y	8081A	0	Toxaphene	ND		ug/kg	670					OK
AD01	PE	LOT354-Y	8270C	0	2-Methylnaphthalene	ND		ug/kg	660					OK
AD01	PE	LOT354-Y	8270C	0	Acenaphthene	ND		ug/kg	660					OK
AD01	PE	LOT354-Y	8270C	0	Acenaphthylene	ND		ug/kg	660					OK
AD01	PE	LOT354-Y	8270C	0	Anthracene	2600		ug/kg	660	2600	802	4660	4440	OK
AD01	PE	LOT354-Y	8270C	0	Benzo(a)pyrene	ND		ug/kg	660					OK
AD01	PE	LOT354-Y	8270C	0	Benzo(b)fluoranthene	ND		ug/kg	660					OK
AD01	PE	LOT354-Y	8270C	0	Benzo(ghi)perylene	ND		ug/kg	660					OK
AD01	PE	LOT354-Y	8270C	0	Benzo(k)fluoranthene	3800		ug/kg	660	3800	2170	5800	5170	OK
AD01	PE	LOT354-Y	8270C	0	Chrysene	1300		ug/kg	660	1300	674	1840	1660	OK
AD01	PE	LOT354-Y	8270C	0	Dibenz(a,h)anthracene	ND		ug/kg	660					OK
AD01	PE	LOT354-Y	8270C	0	Fluoranthene	8300		ug/kg	660	8300	3750	12800	11500	OK
AD01	PE	LOT354-Y	8270C	0	Fluorene	ND		ug/kg	660					OK
AD01	PE	LOT354-Y	8270C	0	Indeno(1,2,3-cd)pyrene	ND		ug/kg	660					OK
AD01	PE	LOT354-Y	8270C	0	Naphthalene	5000	Q	ug/kg	660	5000	1440	10300	9770	OK

AD01	PE	LOT354-Y	8270C	0	Phenanthrene	4800		ug/kg	660	4800	2390	6570	6150	OK	
AD01	PE	LOT354-Y	8270C	0	Pyrene	4500		ug/kg	660	4500	2130	7320	6580	OK	
AD01	PE	TT05585	8082	1	Aroclor 1016	ND	Q	ug/kg	1600		------EPA scored-------				
AD01	PE	TT05585	8082	2	Aroclor 1221	ND		ug/kg	1600		------EPA scored-------				
AD01	PE	TT05585	8082	3	Aroclor 1232	ND		ug/kg	1600		------EPA scored-------				
AD01	PE	TT05585	8082	4	Aroclor 1242	ND		ug/kg	1600		------EPA scored-------				
AD01	PE	TT05585	8082	5	Aroclor 1248	ND		ug/kg	2500		------EPA scored-------				
AD01	PE	TT05585	8082	6	Aroclor 1254	7300		ug/kg	1600	7300	------EPA scored-------				
AD01	PE	TT05585	8082	7	Aroclor 1260	ND		ug/kg	1600		------EPA scored-------				

PESTICIDE

EVALUATION REPORT FOR PES
TT05595

EPA/CLP No.

NA

Report date: 11/04/1999
Method: SW-846 8082
Lab name: Quanterra
Labcode: Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: (g/mL)
%Moisture Decanted (Y/N)
Extraction:
Concentrated Extract Volume. (uL)
Injection Volume: (uL)
GPC Cleanup: (Y/N) pH:

Contract:
SDG: AP01
Lab Sample ID.
Lab File ID:
Date sample received 10/01/1999
Date Extracted: 10/05/1999
Date analyzed: 10/12/1999
Dilution Factor 100
Sulfur Cleanup

Comments:
Lot-Sample #: G9J010251-019
Work Order #. D36ED101
Date Sampled. 09/29/99
Prep Batch #: 9278204

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
37-69-1	Aroclor-1254	8700	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: MXC628
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9J010251018
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: AP01
Date Received: 10/01/99
Date Analyzed: 10/08/99

TCL HITS

2,3,7,8-TCDD	WITHIN WARNING LIMITS	0.850

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: PCDD00279
EPA SAMPLE NUMBER:

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9J020187-07
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: AP02
Date Received: 10/02/99
Date Analyzed: 10/09/99

TCL HITS

2,3,7,8-TCDD	ACTION LOW	0.053	J

TCL MISSES

1,2,3,6,7,8-HxCDF
2,3,4,6,7,8-HxCDF
1,2,3,4,7,8-HxCDD
1,2,3,6,7,8-HxCDD
TOTAL-HxCDD
1,2,3,4,6,7,8-HpCDF
1,2,3,4,7,8,9-HpCDF
1,2,3,4,6,7,8-HpCDD
TOTAL-HpCDD
OCDF
OCDD
TOTAL-TCDD
1,2,3,7,8-PeCDF
2,3,4,7,8-PeCDF
1,2,3,7,8-PeCDD
TOTAL-PeCDD

Not Analyzed for
11/4/99

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: ZHF828
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9J020187019
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: AP02
Date Received: 10/02/99
Date Analyzed: 10/13/99

TCL HITS

2,3,7,8-TCDD	~~ACTION LOW~~ 11/4/99	0.000	ND

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

PESTICIDE

EVALUATION REPORT FOR PES

TT05567

EPA/CLP No.

NA (RUN 1)

Report date: 11/04/1999
Method: SW846 8082
Lab name: Quanterra
Labcode: Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: (g/mL)
%Moisture Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: (uL)
Injection Volume: (uL)
GPC Cleanup: (Y/N) pH:

Contract:
SDG: AP02
Lab Sample ID:
Lab File ID:
Date sample received. 10/02/1999
Date Extracted: 10/05/1999
Date analyzed: 10/12/1999
Dilution Factor. 200
Sulfur Cleanup

Comments:
Lot-Sample #: G0J020187-018
Work Order #: D37L0101
Date Sampled: 10/01/99
Prep Batch # 9278213

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
7-69-1	Aroclor-1254	37000	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

PESTICIDE

EVALUATION REPORT FOR PES
TT05587

EPA/CLP No

NA (RUN 2)

Report date: 11/04/1999
Method: SW846 8082
Lab name: Quanterra
Labcode: Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: (g/mL)
%Moisture Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: (uL)
Injection Volume: (uL)
GPC Cleanup: (Y/N) pH

Contract:
SDG: AP02
Lab Sample ID:
Lab File ID:
Date sample received: 10/02/1999
Date Extracted: 10/13/1999
Date analyzed: 10/20/1999
Dilution Factor: 100
Sulfur Cleanup

Comments:
Lot-Sample #: G9J020187-018
Work Order #: D37L0201
Date Sampled: 10/01/99
Prep Batch #:9286394

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	49000	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

11/12/99 09:02 NO.012 D04

PESTICIDE

EVALUATION REPORT FOR PES

TT05685

EPA/CLP No.

NA

Report date 10/29/1999
Method. SW846 8082
Lab name: QUANTERRA
Labcode: Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol. (g/mL)
%Moisture Decanted:(Y/N)
Extraction
Concentrated Extract Volume: (uL)
Injection Volume. (uL)
GPC Cleanup. (Y/N) pH

Contract:
SDG. AP03
Lab Sample ID:
Lab File ID:
Date sample received: 10/06/1999
Date Extracted: 10/07/1999
Date analyzed: 10/13/1999
Dilution Factor: 10
Sulfur Cleanup

Comments:
Lot-Sample # G9J060191-018 Work Order. D3APV102
Date Sampled. 10/05/99 Prep Batch #. 9280346

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	640	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

11/04/99 10:51 NO.011 D03

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: 3UOX14
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9J060191-01
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: AP03
Date Received: 10/06/99
Date Analyzed: 10/19/99

TCL HITS

2,3,7,8-TCDD	WARNING LOW	0.260

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

DIOXIN/FURAN

EVALUATION REPORT FOR PES

F173VM

EPA/CLP No.

Report date. 07/19/1999
Method: SW846 8280
Lab name: QUANTERRA
Labcode: Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: (g/ml)
Water Sample Prep.:
Concentrated Extract Volume (uL)
Injection Volume: (uL) %Solids
GC Column: ID: (mm)

Contract:
SDG: GP01
Lab Sample ID:
Lab File ID:
Date sample received: 06/23/1999
Date Extracted: / /
Date analyzed: 06/28/1999
Dilution Factor: 1

Comments:
Lot-Sample #: G9F220212-015 Work Order #: CX8NQ101 Date Sampled: 06/22/99
Prep Date: 06/23/99 Prep Batch #: 9174369
J = Estimated result. Result is less than the reporting limit.

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
1746-01-6	2,3,7,8-TCDD	0.46	Within Warning Limits	J

(P)

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PESTICIDE

EVALUATION REPORT FOR PES

TT00394

EPA/CLP No.

na

Report date: 07/19/1999
Method: SW846 8082
Lab name: quanterra
Labcode: QUANTER Case: na DAS No. na
Matrix: SOIL QC Report No.na
Sample wt/vol: na (g/mL) na
%Moisture na Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: na (uL)
Injection Volume: (uL)
GPC Cleanup: (Y/N) pH:

Contract: na
SDG: GP-01
Lab Sample ID: g9f220212-01
Lab File ID: na
Date sample received: 06/23/1999
Date Extracted: 06/24/1999
Date analyzed: 07/01/1999
Dilution Factor: 200
Sulfur Cleanup

Comments:

Concentration Units: ug/Kg

PES Compounds Reported					Q
11097-69-1	Aroclor-1254		50000	Within Warning Limits	Q
n= 41	Action Low= N.L.	Warning Low= 5200	Warning High=110000	Action High=130000	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

DIOXIN/FURAN

EVALUATION REPORT FOR PES
MDS368

EPA/CLP No.

Report date: 07/19/1999
Method: SW846 8280
Lab name: QUANTERRA
Labcode: Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: (g/ml)
Water Sample Prep.:
Concentrated Extract Volume: (uL)
Injection Volume (uL) %Solids
GC Column ID: (mm)

Contract:
SDG: GP02
Lab Sample ID:
Lab File ID:
Date sample received: 06/24/1999
Date Extracted: / /
Date analyzed: 07/08/1999
Dilution Factor: 1

Comments:
Lot-Sample #: G9F230247-018 Date Sampled: 06/22/99 Prep Date 07/02/99
Prep Batch 9188384 Work Order #: CXAPC201
J = Estimated result Result is less than the reporting limit.

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
1746-01-6	2,3,7,8-TCDD	0.3	Warning Low	J

(p)

This Report is for Internal Agency Use Only

PESTICIDE

EVALUATION REPORT FOR PES

TT00332

EPA/CLP No.

na

Report date: 07/19/1999
Method: SW846 8082
Lab name: quanterra
Labcode: QUANTER Case: na DAS No. na
Matrix: SOIL QC Report No.na
Sample wt/vol: na (g/mL) na
%Moisture na Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: na (uL)
Injection Volume: na (uL)
GPC Cleanup: (Y/N) pH:

Contract: na
SDG: GP02
Lab Sample ID: g9f230247-01
Lab File ID: na
Date sample received: 06/24/1999
Date Extracted: 06/26/1999
Date analyzed: 07/02/1999
Dilution Factor: 200
Sulfur Cleanup

Comments:

Concentration Units: ug/Kg

PES Compounds Reported					Q
12672-29-6	Aroclor-1248		27000	Within Warning Limits	Q
n= 12	Action Low= N.L.	Warning Low= N.L.	Warning High=79000	Action High=97000	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
72-43-5	Methoxychlor		Not Evaluated	

07/26/99 13:35 NO.018 D05

This Report is for Internal Agency Use Only

EPA/CLP No.

na

DIOXIN/FURAN

EVALUATION REPORT FOR PES

STF461

Report date: 07/19/1999

Method: sw846 8280

Lab name: quanterra

Labcode: QUANTER Case: na DAS No. na

Matrix: SOIL QC Report No.:na

Sample wt/vol: na (g/ml) na

Water Sample Prep.:

Concentrated Extract Volume: na (uL)

Injection Volume: na (uL) %Solids

GC Column: na ID na (mm)

Contract: na

SDG: GP03

Lab Sample ID: g9f250181-01

Lab File ID: na

Date sample received: 06/25/1999

Date Extracted: 06/27/1999

Date analyzed: 07/01/1999

Dilution Factor: 1

Comments:

only analyte analyzed for

Concentration Units: ug/Kg

PES Compounds Reported					Q
1746-01-6	2,3,7,8-TCDD		0.84	Within Warning Limits	B
n= 25	Action Low= N.L.	Warning Low= N.L.	Warning High=1.4	Action High=1.5	

07/26/99 13:35 NO.018 D04

This Report is for Internal Agency Use Only

PESTICIDE

EVALUATION REPORT FOR PES
TT00812

EPA/CLP No.

na

Report date: 07/19/1999
Method: SW846 8082
Lab name: quanterra
Labcode: QUANTER Case: na DAS No. na
Matrix: SOIL QC Report No.na
Sample wt/vol: na (g/mL) na
%Moisture na Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: na (uL)
Injection Volume: na (uL)
GPC Cleanup: (Y/N) pH:

Contract: na
SDG: GP03
Lab Sample ID: g9f250181-01
Lab File ID: na
Date sample received: 06/25/1999
Date Extracted: 06/26/1999
Date analyzed: 07/08/1999
Dilution Factor: 1
Sulfur Cleanup

Comments:

Concentration Units: ug/Kg

PES Compounds Reported					Q
12672-29-6	Aroclor-1248		280	Within Warning Limits	
n= 10	Action Low= 150	Warning Low= 250	Warning High=740	Action High=850	

PES Compounds Not Evaluated				
CAS No	Compound Name	Concentration	Evaluation	Q
72-43-5	Methoxychlor		Not Evaluated	
53494-70-5	Endrin ketone		Not Evaluated	

RAS INORGANIC
Method 6010B

PES SAMPLE NUMBER: ICC00619
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F230248016
Lab File ID: MA

Contract: NA
DAS No: NA SDG No: GP04
Date Received: 06/25/99
Date Analyzed: 06/30/99

TCL HITS

ALUMINUM	WARNING HIGH	1840.000	
ARSENIC	WITHIN WARNING LIMITS	21.900	B
CALCIUM	WARNING LOW	32300.000	
CHROMIUM	WITHIN WARNING LIMITS	53.600	
COPPER	WITHIN WARNING LIMITS	137.000	
IRON	WITHIN WARNING LIMITS	2520.000	
LEAD	WITHIN WARNING LIMITS	248.000	B
MAGNESIUM	WITHIN WARNING LIMITS	13100.000	
MANGANESE	WITHIN WARNING LIMITS	716.000	
POTASSIUM	WITHIN WARNING LIMITS	682.000	
VANADIUM	WITHIN WARNING LIMITS	124.000	
ZINC	WITHIN WARNING LIMITS	747.000	

TCL MISSES
None

TCL CONTAMINANTS

SILVER	0.120
BARIUM	21.300
BERYLLIUM	0.140
CADMIUM	0.110
COBALT	9.200
SODIUM	72.400
NICKEL	3.600
ANTIMONY	1.600

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
MERCURY

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: W532DP
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F230248-09
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP04
Date Received: 06/25/99
Date Analyzed: 07/03/99

TCL HITS

2,3,7,8-TCDD	WITHIN WARNING LIMITS	0.630

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

PESTICIDE

EVALUATION REPORT FOR PES
TT05558

EPA/CLP No.

NA

MB

Report date: 08/02/1999
Method: SW846 8082
Lab name: QUANTERRA
Labcode: Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol (g/mL)
%Moisture Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: (uL)
Injection Volume: (uL)
GPC Cleanup: (Y/N) pH:

Contract:
SDG: GP04
Lab Sample ID:
Lab File ID:
Date sample received: 06/25/1999
Date Extracted: / /
Date analyzed: 06/29/1999
Dilution Factor: 50
Sulfur Cleanup

Comments:
Lot-Sample #: G9F230248-018 Work Order #: CXDCA101 Matrix: Solid
Date Sampled: 06/24/99 Prep Date: 06/28/99 Prep Batch #: 9179313

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	22000	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: W532DP
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F230248-09
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP04
Date Received: 06/25/99
Date Analyzed: 07/03/99

TCL HITS

2,3,7,8-TCDD	WITHIN WARNING LIMITS	0.630

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

RAS INORGANIC
Method 6010B

PES SAMPLE NUMBER: ICC00619
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F230248016
Lab File ID: MA

Contract: NA
DAS No: NA SDG No: GP04
Date Received: 06/25/99
Date Analyzed: 06/30/99

TCL HITS

ALUMINUM	WARNING HIGH	1840.000	
ARSENIC	WITHIN WARNING LIMITS	21.900	B
CALCIUM	WARNING LOW	32300.000	
CHROMIUM	WITHIN WARNING LIMITS	53.600	
COPPER	WITHIN WARNING LIMITS	137.000	
IRON	WITHIN WARNING LIMITS	2520.000	
LEAD	WITHIN WARNING LIMITS	248.000	B
MAGNESIUM	WITHIN WARNING LIMITS	13100.000	
MANGANESE	WITHIN WARNING LIMITS	716.000	
POTASSIUM	WITHIN WARNING LIMITS	682.000	
VANADIUM	WITHIN WARNING LIMITS	124.000	
ZINC	WITHIN WARNING LIMITS	747.000	

TCL MISSES
None

TCL CONTAMINANTS

SILVER	0.120
BARIUM	21.300
BERYLLIUM	0.140
CADMIUM	0.110
COBALT	9.200
SODIUM	72.400
NICKEL	3.600
ANTIMONY	1.600

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
MERCURY

SDG GP04 - PE SCORING

SDG	Sample Number	L2?	MATRIX	METH	NAME	COMPOUND	UNIT	RESULT	QUAL	BOOL	L-PAL	H-PAL	CV	MDL	DIL	SCORE
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	4,4'-DDD	ug/kg	180			87.0	246	201	42	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	4,4'-DDE	ug/kg	160			85.3	216	175	42	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	4,4'-DDT	ug/kg	94			31.5	129	106	42	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Aldrin	ug/kg	120			59.7	188	147	21	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	alpha-BHC	ug/kg	64	Q		23.7	88.0	76.8	21	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	alpha-Chlordane	ug/kg			ND				21	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	beta-BHC	ug/kg	150			57.2	243	195	21	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	delta-BHC	ug/kg			ND				21	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Dieldrin	ug/kg	190			198	80.3	240	42	12.5	LOW
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Endosulfan I	ug/kg			ND				21	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Endosulfan II	ug/kg			ND				42	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Endosulfan sulfate	ug/kg			ND				42	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Endrin	ug/kg	190			91.5	233	189	42	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Endrin aldehyde	ug/kg			ND				42	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Endrin ketone	ug/kg			ND				42	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	gamma-BHC (Lindane)	ug/kg			ND				21	12.5	
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	gamma-Chlordane	ug/kg	160			85.4	230	188	21	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Heptachlor	ug/kg	120			65.0	189	159	21	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Heptachlor epoxide	ug/kg	130			62.7	196	159	21	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Methoxychlor	ug/kg	150	J		51.0	216	166	210	12.5	OK
GP04	PE-ERA-320-353	SA	SOLID	8081A	Pest	Toxaphene	ug/kg			ND				840	12.5	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	2,4,5-T	ug/kg	13000			0	62900	25746	1100	55.55	OK
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	2,4,5-TP (Silvex)	ug/kg	22000			0	90580	21780	1100	55.55	OK
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	2,4-D	ug/kg	20000	Q		20085	69201	44643	4400	55.55	LOW
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	2,4-DB	ug/kg			ND			49186	4400	55.55	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	Dalapon	ug/kg	16000					26333	2200	55.55	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	Dicamba	ug/kg	32000					59049	2200	55.55	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	Dichlorprop	ug/kg	21000					45999	4400	55.55	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	Dinoseb	ug/kg			ND				670	55.55	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	MCPA	ug/kg			ND			182268	440000	55.55	
GP04	PE-RTC-CRM803-050	SA	SOLID	8151A	Herb	MCPP	ug/kg			ND			81990	440000	55.55	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1,1,2-Tetrachloroethane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1,1-Trichloroethane	ug/kg	46			33.6	55.4	44.0	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1,2,2-Tetrachloroethane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1,2-Trichloroethane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1-Dichloroethane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1-Dichloroethene	ug/kg	110			79.3	134	110	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,1-Dichloropropene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2,3-Trichlorobenzene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2,3-Trichloropropane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2,4-Trichlorobenzene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2,4-Trimethylbenzene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2-Dibromo-3-chloropropane	ug/kg			ND				10	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2-Dibromoethane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2-Dichlorobenzene	ug/kg	25			18.4	29.9	23.6	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2-Dichloroethane	ug/kg	55			41.2	66.8	52.7	5	1	OK

SDG GP04 - PE SCORING

SDG	Sample Number	L2?	MATRIX	METH	NAME	COMPOUND	UNIT	RESULT	QUAL	BOOL	L-PAL	H-PAL	CV	MDL	DIL	SCORE
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,2-Dichloropropane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,3,5-Trimethylbenzene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,3-Dichlorobenzene	ug/kg	130			101	167	131	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,3-Dichloropropane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	1,4-Dichlorobenzene	ug/kg	49			35.4	60.2	46.0	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	2,2-Dichloropropane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	2-Chlorotoluene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	4-Chlorotoluene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Benzene	ug/kg	57			43.1	68.8	55.0	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Bromobenzene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Bromochloromethane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Bromodichloromethane	ug/kg	71			52.5	82.4	66.0	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Bromoform	ug/kg	92			72.4	124	93.6	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Bromomethane	ug/kg			ND				10	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Carbon tetrachloride	ug/kg	110			77.7	135	104	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Chlorobenzene	ug/kg	21			18.0	27.3	22.1	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Chloroethane	ug/kg			ND				10	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Chloroform	ug/kg	86			64.3	104	83.1	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Chloromethane	ug/kg			ND				10	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	cis-1,2-Dichloroethene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	cis-1,3-Dichloropropene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Dibromochloromethane	ug/kg	70						5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Dibromomethane	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Dichlorodifluoromethane	ug/kg			ND				10	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Ethylbenzene	ug/kg	16			13.5	21.4	16.8	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Hexachlorobutadiene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Isopropylbenzene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Methylene chloride	ug/kg	76			47.3	94.6	71.8	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	m-Xylene & p-Xylene	ug/kg	38			32.5	51.6	40.3	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Naphthalene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	n-Butylbenzene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	n-Propylbenzene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	o-Xylene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	p-Isopropyltoluene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	sec-Butylbenzene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Styrene	ug/kg	25			20.5	36.1	27.4	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	tert-Butylbenzene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Tetrachloroethene	ug/kg	110			92.8	157	122	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Toluene	ug/kg	63			55.5	84.6	69.1	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	trans-1,2-Dichloroethene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	trans-1,3-Dichloropropene	ug/kg			ND				5	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Trichloroethene	ug/kg	22			15.6	26.3	21.3	5	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Trichlorofluoromethane	ug/kg			ND				10	1	
GP04	PE-ERA-320-353	SA	SOLID	8260B	VOC	Vinyl chloride	ug/kg			ND				10	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	1,2,4-Trichlorobenzene	ug/kg	940			252	2030	1930	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	1,2-Dichlorobenzene	ug/kg	820			705	1920	1830	330	1	OK

SDG GP04 - PE SCORING

SDG	Sample Number	L2?	MATRIX	METH	NAME	COMPOUND	UNIT	RESULT	QUAL	BOOL	L-PAL	H-PAL	CV	MDL	DIL	SCORE
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	1,3-Dichlorobenzene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	1,4-Dichlorobenzene	ug/kg	1300			1100	3970	3780	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,4,5-Trichlorophenol	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,4,6-Trichlorophenol	ug/kg	2400			811	5010	4770	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,4-Dichlorophenol	ug/kg	1400			495	2990	2850	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,4-Dimethylphenol	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,4-Dinitrophenol	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,4-Dinitrotoluene	ug/kg	2100			981	3490	3320	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2,6-Dinitrotoluene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2-Chloronaphthalene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2-Chlorophenol	ug/kg	890			648	1980	1890	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2-Methylnaphthalene	ug/kg	2500			1680	4670	4450	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2-Methylphenol	ug/kg	1600			330	3290	3130	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2-Nitroaniline	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	2-Nitrophenol	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	3,3'-Dichlorobenzidine	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	3-Methylphenol & 4-Methylphenol	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	3-Nitroaniline	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4,6-Dinitro-2-methylphenol	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4-Bromophenyl phenyl ether	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4-Chloro-3-methylphenol	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4-Chloroaniline	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4-Chlorophenyl phenyl ether	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4-Nitroaniline	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	4-Nitrophenol	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Acenaphthene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Acenaphthylene	ug/kg	620			559	1510	1440	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Anthracene	ug/kg	2700			1070	6240	5940	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzo(a)anthracene	ug/kg	1500			826	2600	2460	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzo(a)pyrene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzo(b)fluoranthene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzo(ghi)perylene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzo(k)fluoranthene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzoic acid	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Benzyl alcohol	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	bis(2-Chloroethoxy)methane	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	bis(2-Chloroethyl) ether	ug/kg	1800			1250	4310	4100	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	bis(2-Chloroisopropyl) ether	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	bis(2-Ethylhexyl) phthalate	ug/kg	3000			1580	4800	3890	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Butyl benzyl phthalate	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Carbazole	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Chrysene	ug/kg	630			390	1070	960	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Dibenz(a,h)anthracene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Dibenzofuran	ug/kg	2400			1360	4180	3920	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Diethyl phthalate	ug/kg	2300			1890	3710	3530	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Dimethyl phthalate	ug/kg			ND				330	1	

SDG GP04 - PE SCORING

SDG	Sample Number	L2?	MATRIX	METH	NAME	COMPOUND	UNIT	RESULT	QUAL	BOOL	L-PAL	H-PAL	CV	MDL	DIL	SCORE
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Di-n-butyl phthalate	ug/kg	1800			933	2810	2460	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Di-n-octyl phthalate	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Fluoranthene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Fluorene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Hexachlorobenzene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Hexachlorobutadiene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Hexachlorocyclopentadiene	ug/kg			ND				1600	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Hexachloroethane	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Indeno(1,2,3-cd)pyrene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Isophorone	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Naphthalene	ug/kg	2200			555	3950	3760	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Nitrobenzene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	N-Nitrosodi-n-propylamine	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	N-Nitrosodiphenylamine	ug/kg	2300			1230	4210	4010	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Pentachlorophenol	ug/kg	2000			1200	4760	4380	1600	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Phenanthrene	ug/kg			ND				330	1	
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Phenol	ug/kg	4500			1670	10500	9580	330	1	OK
GP04	PE-ERA-320-353	SA	SOLID	8270C	SVOC	Pyrene	ug/kg	1300			511	1760	1580	330	1	OK
GP04	PE-ERA-541-240	SA	SOLID	9012A	Cyan	Cyanide, Total	mg/kg	187	Q		72.8	280	176	5	10	OK

PESTICIDE

EVALUATION REPORT FOR PES
TT05407

EPA/CLP No.

NA

Report date: 07/27/1999
Method: SW846 8082
Lab name: QUANTERRA ENVIRONMENTAL SERVICES
Labcode: Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: (g/mL)
%Moisture Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: (uL)
Injection Volume: (uL)
GPC Cleanup: (Y/N) pH:

Contract:
SDG: GP05
Lab Sample ID:
Lab File ID:
Date sample received: 06/26/1999
Date Extracted: / /
Date analyzed: 07/10/1999
Dilution Factor: 1
Sulfur Cleanup

Comments:
Lot-Sample #: G9F260170-017 Date Sampled:06/25/99 Prep Date: 06/29/99
Prep Batch #: 9180331 Work Order #: CXEM6101

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11096-87-6	Aroclor-1260	110	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
319-84-6	alpha-BHC		Not Evaluated	
319-85-7	beta-BHC		Not Evaluated	
319-86-8	delta-BHC		Not Evaluated	
58-89-9	gamma-BHC (Lindane)		Not Evaluated	
76-44-8	Heptachlor		Not Evaluated	

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: UQJ233
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F260176018
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP05
Date Received: 06/26/99
Date Analyzed: 07/07/99

TCL HITS
2,3,7,8-TCDD WITHIN WARNING LIMITS 0.810

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: SFJ966
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F260209018
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP06
Date Received: 06/29/99
Date Analyzed: 07/13/99

TCL HITS
2,3,7,8-TCDD WITHIN WARNING LIMITS 0.910

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

RAS ORGANIC
Method 8082

PES SAMPLE NUMBER: TT00490
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F290209019
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP06
Date Received: 06/29/99
Date Analyzed: 07/15/99

TCL HITS
AROCLOR-1248

WITHIN WARNING LIMITS 20000.000

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: CWA287
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F290198-07
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP07
Date Received: 06/29/99
Date Analyzed: 07/13/99

TCL HITS

2,3,7,8-TCDD	WITHIN WARNING LIMITS	3.500

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

RAS ORGANIC
Method 8082

PES SAMPLE NUMBER: TT03825
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F290198024
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP07
Date Received: 06/29/99
Date Analyzed: 07/02/99

TCL HITS
AROCLOR-1260 WITHIN WARNING LIMITS 330.000

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

RAS INORGANIC
Method 6010B

PES SAMPLE NUMBER: ICC00075
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F290198019
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP07
Date Received: 06/29/99
Date Analyzed: 07/01/99

TCL HITS

ALUMINUM	WARNING HIGH	1650.000	
ARSENIC	WITHIN WARNING LIMITS	19.800	B
CALCIUM	WARNING LOW	27400.000	
CHROMIUM	WITHIN WARNING LIMITS	279.000	
COPPER	WITHIN WARNING LIMITS	847.000	
IRON	WITHIN WARNING LIMITS	2500.000	
LEAD	WARNING LOW	571.000	
MAGNESIUM	WITHIN WARNING LIMITS	11300.000	
MANGANESE	WITHIN WARNING LIMITS	2560.000	
POTASSIUM	WITHIN WARNING LIMITS	839.000	
VANADIUM	ACTION LOW	79.800	
ZINC	WITHIN WARNING LIMITS	3090.000	
CADMIUM	WITHIN WARNING LIMITS	0.570	

TCL MISSES
None

TCL CONTAMINANTS

SILVER	0.120
BARIUM	19.700
BERYLLIUM	0.110
COBALT	3.500
SODIUM	63.000
NICKEL	3.700
ANTIMONY	0.790

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
MERCURY

SDG	CG	SAMPLING	[illegible]	[illegible]	Compound	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP07	PE	CWA287	8280	1	2,3,7,8-TCDD	3.5		ng/g	--	3.5	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Aluminum	1650		mg/kg	20.0	1650	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Antimony	0.79	B	mg/kg	6.0	0.79	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Arsenic	19.8	B	mg/kg	30.0	19.8	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Barium	19.7	B	mg/kg	20.0	19.7	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Beryllium	0.11	B	mg/kg	0.50	0.11	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Cadmium	0.57		mg/kg	0.50	0.57	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Calcium	27400		mg/kg	500	27400	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Chromium	279		mg/kg	1.0	279	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Cobalt	3.5	B	mg/kg	5.0	3.5	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Copper	847		mg/kg	2.5	847	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Iron	2500		mg/kg	10.0	2500	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Lead	571		mg/kg	10.0	571	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Magnesium	11300		mg/kg	500	11300	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Manganese	2560		mg/kg	1.5	2560	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Molybdenum	4.3		mg/kg	4.0	4.3	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Nickel	3.7	B	mg/kg	4.0	3.7	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Potassium	839		mg/kg	500	839	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Selenium	ND		mg/kg	25.0		-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Silver	0.42	B	mg/kg	1.0	0.42	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Sodium	63.0	B	mg/kg	500	63	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Thallium	ND		mg/kg	200		-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Vanadium	79.8		mg/kg	5.0	79.8	-------EPA scored--------			
GP07	PE	ICC00075	6010B	0	Zinc	3090		mg/kg	20.0	3090	-------EPA scored--------			
GP07	PE	LOT241	9012A	0	Cyanide, Total	91.3	Q	mg/kg	5.0	91.3	72.8	280	176	OK
GP07	PE	LOT354	8081A	0	4,4'-DDD	180		ug/kg	34	180	93.5	264	216	OK
GP07	PE	LOT354	8081A	0	4,4'-DDE	150		ug/kg	34	150	92.7	235	190	OK
GP07	PE	LOT354	8081A	0	4,4'-DDT	320		ug/kg	34	320	114	465	382	OK
GP07	PE	LOT354	8081A	0	Aldrin	260		ug/kg	17	260	146	459	360	OK
GP07	PE	LOT354	8081A	0	alpha-BHC	200	Q	ug/kg	17	200	81.9	304	265	OK
GP07	PE	LOT354	8081A	0	alpha-Chlordane	270		ug/kg	17	270	146	434	356	OK
GP07	PE	LOT354	8081A	0	beta-BHC	100		ug/kg	17	100	45.2	192	154	OK
GP07	PE	LOT354	8081A	0	delta-BHC	ND		ug/kg	17					OK
GP07	PE	LOT354	8081A	0	Dieldrin	260		ug/kg	34	260	120	360	238	OK
GP07	PE	LOT354	8081A	0	Endosulfan I	ND		ug/kg	17					OK
GP07	PE	LOT354	8081A	0	Endosulfan II	ND		ug/kg	34					OK
GP07	PE	LOT354	8081A	0	Endosulfan sulfate	ND		ug/kg	34					OK
GP07	PE	LOT354	8081A	0	Endrin	220		ug/kg	34	220	115	293	238	OK
GP07	PE	LOT354	8081A	0	Endrin aldehyde	ND		ug/kg	34					OK
GP07	PE	LOT354	8081A	0	Endrin ketone	ND		ug/kg	34					OK
GP07	PE	LOT354	8081A	0	gamma-BHC (Lindane)	260		ug/kg	17	260	118	495	382	OK
GP07	PE	LOT354	8081A	0	gamma-Chlordane	ND		ug/kg	17					OK

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP07	PE	LOT354	8081A	0	Heptachlor	120		ug/kg	17	120	65	189	150	OK	
GP07	PE	LOT354	8081A	0	Heptachlor epoxide	250		ug/kg	17	250	135	422	343	OK	
GP07	PE	LOT354	8081A	0	Methoxychlor	150	J	ug/kg	170	150	59.4	251	193	OK	
GP07	PE	LOT354	8081A	0	Toxaphene	ND		ug/kg	670					OK	
GP07	PE	LOT354	8260B	0	1,1,1,2-Tetrachloroethane	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	1,1,1-Trichloroethane	47		ug/kg	5.0	47	32.6	53.8	42.7	OK	
GP07	PE	LOT354	8260B	0	1,1,2,2-Tetrachloroethane	82		ug/kg	5.0	82	78.5	147	111	OK	
GP07	PE	LOT354	8260B	0	1,1,2-Trichloroethane	24		ug/kg	5.0	24	22.7	34.6	27.7	OK	
GP07	PE	LOT354	8260B	0	1,1-Dichloroethane	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	1,1-Dichloroethene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	1,1-Dichloropropene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	1,2,3-Trichlorobenzene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	1,2,3-Trichloropropane	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	1,2,4-Trichlorobenzene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	1,2,4-Trimethylbenzene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	1,2-Dibromo-3-chloropropane	ND		ug/kg	10					OK	
GP07	PE	LOT354	8260B	0	1,2-Dibromoethane	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	1,2-Dichlorobenzene	38		ug/kg	5.0	38	30.6	49.9	39.3	OK	
GP07	PE	LOT354	8260B	0	1,2-Dichloroethane	49		ug/kg	5.0	49	37.7	61.1	48.2	OK	
GP07	PE	LOT354	8260B	0	1,2-Dichloropropane	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	1,3,5-Trimethylbenzene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	1,3-Dichlorobenzene	21		ug/kg	5.0	21	16	26.4	20.8	OK	
GP07	PE	LOT354	8260B	0	1,3-Dichloropropane	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	1,4-Dichlorobenzene	24		ug/kg	5.0	24	17.8	30.2	23.1	OK	
GP07	PE	LOT354	8260B	0	2,2-Dichloropropane	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	2-Chlorotoluene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	4-Chlorotoluene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	Benzene	17		ug/kg	5.0	17	11.9	19	15.2	OK	
GP07	PE	LOT354	8260B	0	Bromobenzene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	Bromochloromethane	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	Bromodichloromethane	44		ug/kg	5.0	44	31	48.7	39	OK	
GP07	PE	LOT354	8260B	0	Bromoform	25		ug/kg	5.0	25	22.2	38	28.7	OK	
GP07	PE	LOT354	8260B	0	Bromomethane	ND		ug/kg	10					OK	
GP07	PE	LOT354	8260B	0	Carbon tetrachloride	55		ug/kg	5.0	55	35.1	60.9	47	OK	
GP07	PE	LOT354	8260B	0	Chlorobenzene	30		ug/kg	5.0	30	24.8	37.5	30.4	OK	
GP07	PE	LOT354	8260B	0	Chloroethane	ND		ug/kg	10					OK	
GP07	PE	LOT354	8260B	0	Chloroform	52		ug/kg	5.0	52	35.9	58.3	46.4	OK	
GP07	PE	LOT354	8260B	0	Chloromethane	ND		ug/kg	10					OK	
GP07	PE	LOT354	8260B	0	cis-1,2-Dichloroethene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	cis-1,3-Dichloropropene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	Dibromochloromethane	57		ug/kg	5.0	57	48.9	80.4	63	OK	
GP07	PE	LOT354	8260B	0	Dibromomethane	ND		ug/kg	5.0					OK	

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP07	PE	LOT354	8260B	0	Dichlorodifluoromethane	ND		ug/kg	10					OK	
GP07	PE	LOT354	8260B	0	Ethylbenzene	16		ug/kg	5.0	16	13	20.6	16.2	OK	
GP07	PE	LOT354	8260B	0	Hexachlorobutadiene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	Isopropylbenzene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	m-Xylene & p-Xylene	50		ug/kg	5.0	50	39.1	62.1	48.5	OK	
GP07	PE	LOT354	8260B	0	Methylene chloride	40		ug/kg	5.0	40	24.3	48.6	36.9	OK	
GP07	PE	LOT354	8260B	0	n-Butylbenzene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	n-Propylbenzene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	Naphthalene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	o-Xylene	36		ug/kg	5.0	36	29.2	46.4	36.3	OK	
GP07	PE	LOT354	8260B	0	p-Isopropyltoluene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	sec-Butylbenzene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	Styrene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	tert-Butylbenzene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	Tetrachloroethene	45		ug/kg	5.0	45	33.6	57	44.2	OK	
GP07	PE	LOT354	8260B	0	Toluene	21		ug/kg	5.0	21	17	26	21.2	OK	
GP07	PE	LOT354	8260B	0	trans-1,2-Dichloroethene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	trans-1,3-Dichloropropene	ND		ug/kg	5.0					OK	
GP07	PE	LOT354	8260B	0	Trichloroethene	32		ug/kg	5.0	32	16.8	28.3	22.9	HIGH	
GP07	PE	LOT354	8260B	0	Trichlorofluoromethane	ND		ug/kg	10					OK	
GP07	PE	LOT354	8260B	0	Vinyl chloride	ND		ug/kg	10					OK	
GP07	PE	LOT354	8270C	0	1,2,4-Trichlorobenzene	4700		ug/kg	330	4700	1330	10700	10200	OK	
GP07	PE	LOT354	8270C	0	1,2-Dichlorobenzene	2900		ug/kg	330	2900	1370	7250	6900	OK	
GP07	PE	LOT354	8270C	0	1,3-Dichlorobenzene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	1,4-Dichlorobenzene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	2,4,5-Trichlorophenol	3200		ug/kg	330	3200	878	5280	4960	OK	
GP07	PE	LOT354	8270C	0	2,4,6-Trichlorophenol	5100		ug/kg	330	5100	1620	10000	9520	OK	
GP07	PE	LOT354	8270C	0	2,4-Dichlorophenol	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	2,4-Dimethylphenol	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	2,4-Dinitrophenol	ND		ug/kg	1600					OK	
GP07	PE	LOT354	8270C	0	2,4-Dinitrotoluene	7700		ug/kg	330	7700	3160	11200	10700	OK	
GP07	PE	LOT354	8270C	0	2,6-Dinitrotoluene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	2-Chloronaphthalene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	2-Chlorophenol	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	2-Methylnaphthalene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	2-Methylphenol	4600		ug/kg	330	4600	330	9640	9180	OK	
GP07	PE	LOT354	8270C	0	2-Nitroaniline	ND		ug/kg	1600					OK	
GP07	PE	LOT354	8270C	0	2-Nitrophenol	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	3,3'-Dichlorobenzidine	ND		ug/kg	1600					OK	
GP07	PE	LOT354	8270C	0	3-Methylphenol & 4-Methylphenol	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	3-Nitroaniline	ND		ug/kg	1600					OK	
GP07	PE	LOT354	8270C	0	4,6-Dinitro-2-methylphenol	ND		ug/kg	1600					OK	

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP07	PE	LOT354	8270C	0	4-Bromophenyl phenyl ether	4000		ug/kg	330	4000	2930	8600	7230	OK	
GP07	PE	LOT354	8270C	0	4-Chloro-3-methylphenol	6800		ug/kg	330	6800	3680	12600	12000	OK	
GP07	PE	LOT354	8270C	0	4-Chloroaniline	1600		ug/kg	330	1600				HIGH	
GP07	PE	LOT354	8270C	0	4-Chlorophenyl phenyl ether	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	4-Nitroaniline	ND		ug/kg	1600					OK	
GP07	PE	LOT354	8270C	0	4-Nitrophenol	300	J	ug/kg	1600	300				HIGH	
GP07	PE	LOT354	8270C	0	Acenaphthene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Acenaphthylene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Anthracene	2600		ug/kg	330	2600	802	4660	4440	OK	
GP07	PE	LOT354	8270C	0	Benzo(a)anthracene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Benzo(a)pyrene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Benzo(b)fluoranthene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Benzo(ghi)perylene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Benzo(k)fluoranthene	3600		ug/kg	330	3600	2170	5800	5170	OK	
GP07	PE	LOT354	8270C	0	Benzoic acid	ND		ug/kg	1600					OK	
GP07	PE	LOT354	8270C	0	Benzyl alcohol	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	bis(2-Chloroethoxy)methane	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	bis(2-Chloroethyl) ether	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	bis(2-Chloroisopropyl) ether	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	bis(2-Ethylhexyl) phthalate	3500		ug/kg	330	3500	1540	4670	3790	OK	
GP07	PE	LOT354	8270C	0	Butyl benzyl phthalate	3800		ug/kg	330	3800	1960	4990	4210	OK	
GP07	PE	LOT354	8270C	0	Carbazole	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Chrysene	1200		ug/kg	330	1200	674	1840	1660	OK	
GP07	PE	LOT354	8270C	0	Di-n-butyl phthalate	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Di-n-octyl phthalate	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Dibenz(a,h)anthracene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Dibenzofuran	3400		ug/kg	330	3400	1960	6030	5660	OK	
GP07	PE	LOT354	8270C	0	Diethyl phthalate	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Dimethyl phthalate	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Fluoranthene	6100		ug/kg	330	6100	3750	12800	11500	OK	
GP07	PE	LOT354	8270C	0	Fluorene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Hexachlorobenzene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Hexachlorobutadiene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Hexachlorocyclopentadiene	ND		ug/kg	1600					OK	
GP07	PE	LOT354	8270C	0	Hexachloroethane	1100		ug/kg	330	1100	1110	5510	4720	LOW	
GP07	PE	LOT354	8270C	0	Indeno(1,2,3-cd)pyrene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Isophorone	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	N-Nitrosodi-n-propylamine	4000		ug/kg	330	4000	1610	6070	5650	OK	
GP07	PE	LOT354	8270C	0	N-Nitrosodiphenylamine	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Naphthalene	4600		ug/kg	330	4600	1440	10300	9770	OK	
GP07	PE	LOT354	8270C	0	Nitrobenzene	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Pentachlorophenol	4700		ug/kg	1600	4700	1970	10600	9770	OK	

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP07	PE	LOT354	8270C	0	Phenanthrene	4300		ug/kg	330	4300	2390	6570	6150	OK	
GP07	PE	LOT354	8270C	0	Phenol	ND		ug/kg	330					OK	
GP07	PE	LOT354	8270C	0	Pyrene	5300		ug/kg	330	5300	2130	7320	6580	OK	
GP07	PE	LOTGF803	8151A	0	2,4,5-T	12000		ug/kg	2000	12000	0	62900	25746	OK	
GP07	PE	LOTGF803	8151A	0	2,4,5-TP (Silvex)	16000		ug/kg	2000	16000	0	90580	41334	OK	
GP07	PE	LOTGF803	8151A	0	2,4-D	25000	Q	ug/kg	8000	25000	20085	69201	44643	OK	
GP07	PE	LOTGF803	8151A	0	2,4-DB	ND		ug/kg	8000					NA	
GP07	PE	LOTGF803	8151A	0	Dalapon	15000		ug/kg	4000	15000				NA	
GP07	PE	LOTGF803	8151A	0	Dicamba	34000		ug/kg	4000	34000				NA	
GP07	PE	LOTGF803	8151A	0	Dichlorprop	23000		ug/kg	8000	23000				NA	
GP07	PE	LOTGF803	8151A	0	Dinoseb	ND		ug/kg	1200					NA	
GP07	PE	LOTGF803	8151A	0	MCPA	ND		ug/kg	800000					NA	
GP07	PE	LOTGF803	8151A	0	MCPP	ND		ug/kg	800000					NA	
GP07	PE	TT03825	8082	1	Aroclor 1016	ND		ug/kg	33		------EPA scored-------				
GP07	PE	TT03825	8082	2	Aroclor 1221	ND		ug/kg	33		------EPA scored-------				
GP07	PE	TT03825	8082	3	Aroclor 1232	ND		ug/kg	33		------EPA scored-------				
GP07	PE	TT03825	8082	4	Aroclor 1242	ND		ug/kg	33		------EPA scored-------				
GP07	PE	TT03825	8082	5	Aroclor 1248	ND		ug/kg	33		------EPA scored-------				
GP07	PE	TT03825	8082	6	Aroclor 1254	ND		ug/kg	33		------EPA scored-------				
GP07	PE	TT03825	8082	7	Aroclor 1260	330		ug/kg	33	330	------EPA scored-------				

Ran

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: 6JX7Z3
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F300226-01
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP08
Date Received: 06/30/99
Date Analyzed: 07/14/99

TCL HITS
2,3,7,8-TCDD WITHIN WARNING LIMITS 3.200

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

RAS ORGANIC
Method 8082

PES SAMPLE NUMBER: TT03354
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F300226-09
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP08
Date Received: 06/30/99
Date Analyzed: 07/22/99

TCL HITS
AROCLOR-1260 WITHIN WARNING LIMITS 8700.000

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

CMB

RAS ORGANIC
Method 8082

PES SAMPLE NUMBER: TT05188
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G020130023
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP09
Date Received: 07/02/99
Date Analyzed: 07/08/99

TCL HITS
AROCLOR-1248

WITHIN WARNING LIMITS 200.000

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

CMB

RAS INORGANIC
Method 6010B

PES SAMPLE NUMBER: ICC00599
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G020130019
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP09
Date Received: 07/02/99
Date Analyzed: 07/07/99

TCL HITS

ALUMINUM	WITHIN WARNING LIMITS	1660.000	
ARSENIC	WITHIN WARNING LIMITS	5.300	B
CALCIUM	WITHIN WARNING LIMITS	32500.000	
CHROMIUM	WITHIN WARNING LIMITS	31.800	
COPPER	WARNING HIGH	51.300	
IRON	WITHIN WARNING LIMITS	1870.000	
LEAD	WITHIN WARNING LIMITS	15.000	
MAGNESIUM	WITHIN WARNING LIMITS	12400.000	
MANGANESE	WITHIN WARNING LIMITS	429.000	
POTASSIUM	WITHIN WARNING LIMITS	655.000	
VANADIUM	WITHIN WARNING LIMITS	24.800	
ZINC	WITHIN WARNING LIMITS	223.000	

TCL MISSES
CYANIDE → Not analyzed for 8/16/99

TCL CONTAMINANTS

BARIUM	16.600
BERYLLIUM	0.120
COBALT	0.840
SODIUM	61.600
NICKEL	1.600

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
MERCURY

CMB

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: B247WO
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G020130002
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP09
Date Received: 07/02/99
Date Analyzed: 07/17/99

TCL HITS
2,3,7,8-TCDD WITHIN WARNING LIMITS 0.690

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

SDG	SRC	SAMPLING	METH	FRAC	COMPOUND	RESULT	QUALIFIER	UNITS	DETECTION LIMIT	REQUIRED	EPA	HEAD	LAV	SCORE	COMMENT
GP09	PE	B247WO	8280	1	2,3,7,8-TCDD	0.69		ng/g	--	0.69	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Aluminum	1660		mg/kg	20.0	1660	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Antimony	ND		mg/kg	6.0		-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Arsenic	5.3	B	mg/kg	30.0	5.3	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Barium	16.6	B	mg/kg	20.0	16.6	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Beryllium	0.12	B	mg/kg	0.50	0.12	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Cadmium	ND		mg/kg	0.50		-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Calcium	32500		mg/kg	500	32500	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Chromium	31.8		mg/kg	1.0	31.8	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Cobalt	0.84	B	mg/kg	5.0	0.84	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Copper	51.3		mg/kg	2.5	51.3	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Iron	1870		mg/kg	10.0	1870	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Lead	15.0		mg/kg	10.0	15	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Magnesium	12400		mg/kg	500	12400	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Manganese	429		mg/kg	1.5	429	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Molybdenum	0.40	B	mg/kg	4.0	0.4	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Nickel	1.6	B	mg/kg	4.0	1.6	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Potassium	655		mg/kg	500	655	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Selenium	ND		mg/kg	25.0		-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Silver	ND		mg/kg	1.0		-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Sodium	61.6	B	mg/kg	500	61.6	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Thallium	ND		mg/kg	200		-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Vanadium	24.8		mg/kg	5.0	24.8	-------EPA scored--------				
GP09	PE	ICC00599	6010B	0	Zinc	223		mg/kg	2.0	223	-------EPA scored--------				
GP09	PE	LOT240	9012A	0	Cyanide, Total	239	Q	mg/kg	5.0	239	72.8	280	176	OK	
GP09	PE	LOT355	8081A	0	4,4'-DDD	110		ug/kg	17	110	80.5	228	186	OK	
GP09	PE	LOT355	8081A	0	4,4'-DDE	150		ug/kg	17	150	100	253	205	OK	
GP09	PE	LOT355	8081A	0	4,4'-DDT	66		ug/kg	17	66	42	172	141	OK	
GP09	PE	LOT355	8081A	0	Aldrin	120		ug/kg	17	120	81.3	255	200	OK	
GP09	PE	LOT355	8081A	0	alpha-BHC	260		ug/kg	17	260	142	528	461	OK	
GP09	PE	LOT355	8081A	0	beta-BHC	310		ug/kg	17	310	94.2	399	321	OK	
GP09	PE	LOT355	8081A	0	delta-BHC	ND		ug/kg	17					OK	
GP09	PE	LOT355	8081A	0	Chlordane (technical)	ND		ug/kg	170	0	198.5	561	459	LOW	PE is alpha and gamma
GP09	PE	LOT355	8081A	0	Dieldrin	88		ug/kg	17	88	51.5	154	127	OK	
GP09	PE	LOT355	8081A	0	Endosulfan I	ND		ug/kg	17					OK	
GP09	PE	LOT355	8081A	0	Endosulfan II	ND		ug/kg	17					OK	
GP09	PE	LOT355	8081A	0	Endosulfan sulfate	ND		ug/kg	17					OK	
GP09	PE	LOT355	8081A	0	Endrin	130		ug/kg	17	130	94.9	242	196	OK	
GP09	PE	LOT355	8081A	0	Endrin aldehyde	ND		ug/kg	17					OK	
GP09	PE	LOT355	8081A	0	gamma-BHC (Lindane)	180		ug/kg	17	180	96.6	406	313	OK	
GP09	PE	LOT355	8081A	0	Heptachlor	120		ug/kg	17	120	77.6	225	179	OK	
GP09	PE	LOT355	8081A	0	Heptachlor epoxide	160		ug/kg	17	160	100	312	254	OK	

SDG	PQ	SAMPLNO	METHOD	SEQ	COMPOUND	RESULT	QUALIFIER	UNITS	MDL	RL	LBRA	UBRA	CV	SCON	COMMENTS
GP09	PE	LOT355	8081A	0	Methoxychlor	70		ug/kg	33	70	40.3	171	131	OK	
GP09	PE	LOT355	8081A	0	Toxaphene	ND		ug/kg	670					OK	
GP09	PE	LOT355	8260B	0	1,1,1,2-Tetrachloroethane	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	1,1,1-Trichloroethane	1100		ug/kg	250	1100	931	1540	1220	OK	
GP09	PE	LOT355	8260B	0	1,1,2,2-Tetrachloroethane	3200		ug/kg	250	3200	2120	3950	3000	OK	
GP09	PE	LOT355	8260B	0	1,1,2-Trichloroethane	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	1,1-Dichloroethane	3500		ug/kg	250	3500	2860	4530	3480	OK	
GP09	PE	LOT355	8260B	0	1,1-Dichloroethene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	1,1-Dichloropropene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	1,2,3-Trichlorobenzene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	1,2,3-Trichloropropane	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	1,2,4-Trichlorobenzene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	1,2,4-Trimethylbenzene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	1,2-Dichlorobenzene	5000		ug/kg	250	5000	3930	6410	5050	OK	
GP09	PE	LOT355	8260B	0	1,2-Dichloroethane	4700		ug/kg	250	4700	3950	6400	5050	OK	
GP09	PE	LOT355	8260B	0	1,2-Dichloropropane	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	1,3,5-Trimethylbenzene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	1,3-Dichlorobenzene	1400		ug/kg	250	1400	1090	1800	1420	OK	
GP09	PE	LOT355	8260B	0	1,3-Dichloropropane	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	1,4-Dichlorobenzene	2200		ug/kg	250	2200	1670	2840	2170	OK	
GP09	PE	LOT355	8260B	0	2,2-Dichloropropane	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	2-Chlorotoluene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	4-Chlorotoluene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	Benzene	2100		ug/kg	250	2100	1540	2450	1960	OK	
GP09	PE	LOT355	8260B	0	Bromobenzene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	Bromochloromethane	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	Bromodichloromethane	2200		ug/kg	250	2200	1810	2840	2280	OK	
GP09	PE	LOT355	8260B	0	Bromoform	6100		ug/kg	250	6100	4870	8330	6300	OK	
GP09	PE	LOT355	8260B	0	Bromomethane	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	Carbon tetrachloride	3500		ug/kg	250	3500	2990	5180	4000	OK	
GP09	PE	LOT355	8260B	0	Chlorobenzene	4800		ug/kg	250	4800	3670	5540	4500	OK	
GP09	PE	LOT355	8260B	0	Chloroethane	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	Chloroform	2200		ug/kg	250	2200	1800	2930	2330	OK	
GP09	PE	LOT355	8260B	0	Chloromethane	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	cis-1,2-Dichloroethene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	cis-1,3-Dichloropropene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	Dibromochloromethane	2700		ug/kg	250	2700	2250	3700	2900	OK	
GP09	PE	LOT355	8260B	0	Dibromomethane	74	J	ug/kg	250	74				HIGH	
GP09	PE	LOT355	8260B	0	Ethylbenzene	3200		ug/kg	250	3200	2450	3900	3060	OK	
GP09	PE	LOT355	8260B	0	Hexachlorobutadiene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	Isopropylbenzene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	m-Xylene & p-Xylene	4700		ug/kg	250	4700	3550	5640	4410	OK	

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP09	PE	LOT355	8260B	0	Methylene chloride	2100		ug/kg	500	2100	1300	2600	1970	OK	
GP09	PE	LOT355	8260B	0	n-Butylbenzene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	n-Propylbenzene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	Naphthalene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	o-Xylene	1500		ug/kg	250	1500	1120	1780	1400	OK	
GP09	PE	LOT355	8260B	0	p-Isopropyltoluene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	sec-Butylbenzene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	Styrene	41	J	ug/kg	250	41				HIGH	
GP09	PE	LOT355	8260B	0	tert-Butylbenzene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	Tetrachloroethene	3000		ug/kg	250	3000	2160	3670	2840	OK	
GP09	PE	LOT355	8260B	0	Toluene	8700		ug/kg	250	8700	6740	10300	8400	OK	
GP09	PE	LOT355	8260B	0	trans-1,2-Dichloroethene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	trans-1,3-Dichloropropene	ND		ug/kg	250					OK	
GP09	PE	LOT355	8260B	0	Trichloroethene	5000		ug/kg	250	5000	4030	6790	5500	OK	
GP09	PE	LOT355	8260B	0	Vinyl chloride	ND		ug/kg	250					OK	
GP09	PE	LOT355	8270C	0	1,2,4-Trichlorobenzene	4400		ug/kg	990	4400	1510	12200	11600	OK	
GP09	PE	LOT355	8270C	0	1,2-Dichlorobenzene	2200		ug/kg	990	2200	3750	12500	11900	LOW	
GP09	PE	LOT355	8270C	0	1,3-Dichlorobenzene	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	1,4-Dichlorobenzene	1400		ug/kg	990	1400	2970	10610	10100	LOW	
GP09	PE	LOT355	8270C	0	2,4,5-Trichlorophenol	2900		ug/kg	990	2900	687	4130	3880	OK	
GP09	PE	LOT355	8270C	0	2,4,6-Trichlorophenol	6900		ug/kg	990	6900	1740	10700	10200	OK	
GP09	PE	LOT355	8270C	0	2,4-Dichlorophenol	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	2,4-Dimethylphenol	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	2,4-Dinitrophenol	ND		ug/kg	4800					OK	
GP09	PE	LOT355	8270C	0	2,4-Dinitrotoluene	9300		ug/kg	990	9300	3690	13100	12500	OK	
GP09	PE	LOT355	8270C	0	2,6-Dinitrotoluene	4800		ug/kg	990	4800	2770	6340	6040	OK	
GP09	PE	LOT355	8270C	0	2-Chloronaphthalene	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	2-Chlorophenol	3200		ug/kg	990	3200	2020	8160	7770	OK	
GP09	PE	LOT355	8270C	0	2-Methylnaphthalene	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	2-Methylphenol	3700		ug/kg	990	3700	990	9260	8820	OK	
GP09	PE	LOT355	8270C	0	2-Nitroaniline	ND		ug/kg	4800					OK	
GP09	PE	LOT355	8270C	0	2-Nitrophenol	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	3,3'-Dichlorobenzidine	ND		ug/kg	4800					OK	
GP09	PE	LOT355	8270C	0	3-Methylphenol & 4-Methylphenol	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	3-Nitroaniline	ND		ug/kg	4800					OK	
GP09	PE	LOT355	8270C	0	4,6-Dinitro-2-methylphenol	ND		ug/kg	4800					OK	
GP09	PE	LOT355	8270C	0	4-Bromophenyl phenyl ether	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	4-Chloro-3-methylphenol	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	4-Chloroaniline	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	4-Chlorophenyl phenyl ether	4800		ug/kg	990	4800	2520	7070	6170	OK	
GP09	PE	LOT355	8270C	0	4-Nitroaniline	ND		ug/kg	4800					OK	
GP09	PE	LOT355	8270C	0	4-Nitrophenol	ND		ug/kg	4800					OK	

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP09	PE	LOT355	8270C	0	Acenaphthene	4600		ug/kg	990	4600	1820	6780	6280	OK	
GP09	PE	LOT355	8270C	0	Acenaphthylene	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Anthracene	650	J	ug/kg	990	650	179	1040	990	OK	
GP09	PE	LOT355	8270C	0	Benzo(a)anthracene	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Benzo(a)pyrene	4300		ug/kg	990	4300	1160	6150	5860	OK	
GP09	PE	LOT355	8270C	0	Benzo(b)fluoranthene	5500		ug/kg	990	5500	1430	6740	6240	OK	
GP09	PE	LOT355	8270C	0	Benzo(ghi)perylene	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Benzo(k)fluoranthene	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Benzoic acid	ND		ug/kg	4800					OK	
GP09	PE	LOT355	8270C	0	Benzyl alcohol	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	bis(2-Chloroethoxy)methane	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	bis(2-Chloroethyl) ether	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	bis(2-Chloroisopropyl) ether	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	bis(2-Ethylhexyl) phthalate	4300		ug/kg	990	4300	2170	6570	5330	OK	
GP09	PE	LOT355	8270C	0	Butyl benzyl phthalate	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Carbazole	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Chrysene	970	J	ug/kg	990	970	467	1280	1150	OK	
GP09	PE	LOT355	8270C	0	Di-n-butyl phthalate	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Di-n-octyl phthalate	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Dibenz(a,h)anthracene	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Dibenzofuran	3500		ug/kg	990	3500	1580	4890	4570	OK	
GP09	PE	LOT355	8270C	0	Diethyl phthalate	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Dimethyl phthalate	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Fluoranthene	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Fluorene	2200		ug/kg	990	2200	882	2860	2720	OK	
GP09	PE	LOT355	8270C	0	Hexachlorobenzene	2200		ug/kg	990	2200	851	3550	2670	OK	
GP09	PE	LOT355	8270C	0	Hexachlorobutadiene	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Hexachlorocyclopentadiene	ND		ug/kg	4800					OK	
GP09	PE	LOT355	8270C	0	Hexachloroethane	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Indeno(1,2,3-cd)pyrene	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Isophorone	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	N-Nitrosodi-n-propylamine	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	N-Nitrosodiphenylamine	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Naphthalene	1900		ug/kg	990	1900	671	4780	4550	OK	
GP09	PE	LOT355	8270C	0	Nitrobenzene	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Pentachlorophenol	5800		ug/kg	4800	5800	1940	9570	8800	OK	
GP09	PE	LOT355	8270C	0	Phenanthrene	ND		ug/kg	990					OK	
GP09	PE	LOT355	8270C	0	Phenol	620	J	ug/kg	990	620	264	1670	1520	OK	
GP09	PE	LOT355	8270C	0	Pyrene	5200		ug/kg	990	5200	2150	7390	6640	OK	
GP09	PE	LOTGF803-2	8151A	0	2,4,5-T	30000		ug/kg	10000	30000	0	62900	25746	OK	
GP09	PE	LOTGF803-2	8151A	0	2,4,5-TP (Silvex)	56000		ug/kg	10000	56000	0	90580	41334	OK	
GP09	PE	LOTGF803-2	8151A	0	2,4-D	83000		ug/kg	40000	83000	20085	69201	44643	HIGH	

GP09	PE	LOTGF803-2	8151A	0	2,4-DB	79000		ug/kg	40000	79000				NA	
GP09	PE	LOTGF803-2	8151A	0	Dalapon	120000		ug/kg	20000	120000				NA	
GP09	PE	LOTGF803-2	8151A	0	Dicamba	140000		ug/kg	20000	140000				NA	
GP09	PE	LOTGF803-2	8151A	0	Dichlorprop	86000		ug/kg	40000	86000				NA	
GP09	PE	LOTGF803-2	8151A	0	Dinoseb	ND		ug/kg	6000					NA	
GP09	PE	LOTGF803-2	8151A	0	MCPA	ND		ug/kg	4000000					NA	
GP09	PE	LOTGF803-2	8151A	0	MCPP	5600000	PG	ug/kg	4000000	5600000				NA	
GP09	PE	TT05188	8082	1	Aroclor 1016	ND		ug/kg	33		------EPA scored-------				
GP09	PE	TT05188	8082	2	Aroclor 1221	ND		ug/kg	33		------EPA scored-------				
GP09	PE	TT05188	8082	3	Aroclor 1232	ND		ug/kg	33		------EPA scored-------				
GP09	PE	TT05188	8082	4	Aroclor 1242	ND		ug/kg	33		------EPA scored-------				
GP09	PE	TT05188	8082	5	Aroclor 1248	200		ug/kg	33	200	------EPA scored-------				
GP09	PE	TT05188	8082	6	Aroclor 1254	ND		ug/kg	33		------EPA scored-------				
GP09	PE	TT05188	8082	7	Aroclor 1260	ND		ug/kg	33		------EPA scored-------				

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: QER817
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G020208017
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP10
Date Received: 07/02/99
Date Analyzed: 07/09/99

TCL HITS
2,3,7,8-TCDD WITHIN WARNING LIMITS 0.880

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

PESTICIDE

EVALUATION REPORT FOR PES
TT05555

EPA/CLP No.
NA

Report date. 08/20/1999
Method: SW846 8082
Lab name: QUANTERRA
Labcode. Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol. (g/mL)
%Moisture Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: (uL)
Injection Volume: (uL)
GPC Cleanup: (Y/N) pH:

Contract:
SDG: GP11
Lab Sample ID:
Lab File ID:
Date sample received: 07/06/1999
Date Extracted: 07/14/1999
Date analyzed: 08/04/1999
Dilution Factor: 200
Sulfur Cleanup

Comments:
Lot Sample #: G9G070196-019 Work Order #: CXR6W101
Date Sampled: 07/02/99 Prep Batch #: 9195219

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	36000	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

CALB

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: IXB687
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G070196018
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP11
Date Received: 07/06/99
Date Analyzed: 07/21/99

TCL HITS
2,3,7,8-TCDD WITHIN WARNING LIMITS 1.100

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

EVALUATION REPORT FOR PES
AVR426

NA

Report date 09/03/1999
Method. SW846 8280
Lab name. QUANTERRA
Labcode. Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: (g/ml)
Water Sample Prep.:
Concentrated Extract Volume: (uL)
Injection Volume: (uL) %Solids
GC Column. ID: (mm)

Contract:
SDG: GP12
Lab Sample ID:
Lab File ID:
Date sample received: 07/09/1999
Date Extracted: 07/19/1999
Date analyzed. 07/23/1999
Dilution Factor: 1

Comments:
Lot-Sample #: G9G100147-002 Work Order #. CKX35101
Date Sampled: 07/06/99
Prep Batch #. 9204206

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
1746-01-6	2,3,7,8-TCDD	0.61	Within Warning Limits	

PESTICIDE
EVALUATION REPORT FOR PES
TT00611

EPA/CLP No.
NA

Report date: 09/02/1999
Method: SW*$^ 8082
Lab name: Quanterra
Labcode: QUANTER Case: NA DAS No. NA
Matrix: SOIL QC Report No.:NA
Sample wt/vol: NA (g/mL) NA
%Moisture NA Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL)
GPC Cleanup: (Y/N) pH: NA

Contract: NA
SDG: GP12
Lab Sample ID: G9G100147-01
Lab File ID: NA
Date sample received: 07/10/1999
Date Extracted: 07/15/1999
Date analyzed: 08/21/1999
Dilution Factor: 500
Sulfur Cleanup

Comments:

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	83000	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

09/10/99 14:55 NO.005 D04

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: BEY813
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G070154-09
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP13
Date Received: 07/08/99
Date Analyzed: 07/20/99

TCL HITS
2,3,7,8-TCDD WITHIN WARNING LIMITS 4.100

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP13	PE	BEY813	8280	1	2,3,7,8-TCDD	4.1		ng/g	--	4.1	------EPA scored--------				
GP13	PE	LOT241-2	9012A	0	Cyanide, Total	89.8	Q	mg/kg	5.0	89.8	51.6	148	82.5	OK	
GP13	PE	LOT356	8081A	0	4,4'-DDD	270		ug/kg	8.5	270	117	332	271	OK	
GP13	PE	LOT356	8081A	0	4,4'-DDE	93		ug/kg	8.5	93	49.7	126	102	OK	
GP13	PE	LOT356	8081A	0	4,4'-DDT	200		ug/kg	8.5	200	69.3	284	233	OK	
GP13	PE	LOT356	8081A	0	Aldrin	61		ug/kg	8.5	61	33.6	105	82.6	OK	
GP13	PE	LOT356	8081A	0	alpha-BHC	100		ug/kg	8.5	100	41.1	152	133	OK	
GP13	PE	LOT356	8081A	0	beta-BHC	180	PG	ug/kg	8.5	180	102	434	349	OK	
GP13	PE	LOT356	8081A	0	delta-BHC	ND		ug/kg	8.5					OK	
GP13	PE	LOT356	8081A	0	Chlordane (tehcnical)	ND		ug/kg	85		136	367	300	LOW	PE is gamma
GP13	PE	LOT356	8081A	0	Dieldrin	160		ug/kg	8.5	160	74.7	223	184	OK	
GP13	PE	LOT356	8081A	0	Endosulfan I	ND		ug/kg	8.5					OK	
GP13	PE	LOT356	8081A	0	Endosulfan II	ND		ug/kg	8.5					OK	
GP13	PE	LOT356	8081A	0	Endosulfan sulfate	ND		ug/kg	8.5					OK	
GP13	PE	LOT356	8081A	0	Endrin	240		ug/kg	8.5	240	143	364	295	OK	
GP13	PE	LOT356	8081A	0	Endrin aldehyde	ND		ug/kg	8.5					OK	
GP13	PE	LOT356	8081A	0	gamma-BHC (Lindane)	ND		ug/kg	8.5					OK	
GP13	PE	LOT356	8081A	0	Heptachlor	160		ug/kg	8.5	160	97.1	282	224	OK	
GP13	PE	LOT356	8081A	0	Heptachlor epoxide	51		ug/kg	8.5	51	25.1	78.1	63.5	OK	
GP13	PE	LOT356	8081A	0	Methoxychlor	94		ug/kg	16	94	55	233	179	OK	
GP13	PE	LOT356	8081A	0	Toxaphene	ND		ug/kg	340					OK	
GP13	PE	LOT356	8260B	0	1,1,1,2-Tetrachloroethane	3500		ug/kg	250	3500	2770	4480	3510	OK	
GP13	PE	LOT356	8260B	0	1,1,1-Trichloroethane	4000		ug/kg	250	4000	3460	5710	4540	OK	
GP13	PE	LOT356	8260B	0	1,1,2,2-Tetrachloroethane	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	1,1,2-Trichloroethane	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	1,1-Dichloroethane	2900		ug/kg	250	2900	2570	4060	3120	OK	
GP13	PE	LOT356	8260B	0	1,1-Dichloroethene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	1,1-Dichloropropene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	1,2,3-Trichlorobenzene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	1,2,3-Trichloropropane	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	1,2,4-Trichlorobenzene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	1,2,4-Trimethylbenzene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	1,2-Dichlorobenzene	4000		ug/kg	250	4000	3380	5510	4350	OK	
GP13	PE	LOT356	8260B	0	1,2-Dichloroethane	1900		ug/kg	250	1900	1810	2930	2320	OK	
GP13	PE	LOT356	8260B	0	1,2-Dichloropropane	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	1,3,5-Trimethylbenzene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	1,3-Dichlorobenzene	2500		ug/kg	250	2500	2080	3440	2710	OK	
GP13	PE	LOT356	8260B	0	1,3-Dichloropropane	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	1,4-Dichlorobenzene	3400		ug/kg	250	3400	2770	4710	3600	OK	
GP13	PE	LOT356	8260B	0	2,2-Dichloropropane	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	2-Chlorotoluene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	4-Chlorotoluene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	Benzene	680		ug/kg	250	680	552	882	705	OK	

SPCD	PG	SAMPLNO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP13	PE	LOT356	8260B	0	Bromobenzene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	Bromochloromethane	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	Bromodichloromethane	4900		ug/kg	250	4900	4140	6500	5200	OK	
GP13	PE	LOT356	8260B	0	Bromoform	3600		ug/kg	250	3600	3200	5470	4140	OK	
GP13	PE	LOT356	8260B	0	Bromomethane	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	Carbon tetrachloride	1700		ug/kg	250	1700	1510	2610	2020	OK	
GP13	PE	LOT356	8260B	0	Chlorobenzene	3300		ug/kg	250	3300	2650	4000	3250	OK	
GP13	PE	LOT356	8260B	0	Chloroethane	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	Chloroform	4900		ug/kg	250	4900	5030	8170	6500	LOW	
GP13	PE	LOT356	8260B	0	Chloromethane	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	cis-1,2-Dichloroethene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	cis-1,3-Dichloropropene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	Dibromochloromethane	1000		ug/kg	250	1000	928	1530	1200	OK	
GP13	PE	LOT356	8260B	0	Dibromomethane	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	Ethylbenzene	1900		ug/kg	250	1900	1570	2500	1960	OK	
GP13	PE	LOT356	8260B	0	Hexachlorobutadiene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	Isopropylbenzene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	m-Xylene & p-Xylene	4700		ug/kg	250	4700	790	6020	4710	OK	
GP13	PE	LOT356	8260B	0	Methylene chloride	6100		ug/kg	500	6100	4250	8500	6450	OK	
GP13	PE	LOT356	8260B	0	n-Butylbenzene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	n-Propylbenzene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	Naphthalene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	o-Xylene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	p-Isopropyltoluene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	sec-Butylbenzene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	Styrene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	tert-Butylbenzene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	Tetrachloroethene	1300		ug/kg	250	1300	913	1550	1200	OK	
GP13	PE	LOT356	8260B	0	Toluene	2500		ug/kg	250	2500	2120	3230	2640	OK	
GP13	PE	LOT356	8260B	0	trans-1,2-Dichloroethene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	trans-1,3-Dichloropropene	ND		ug/kg	250					OK	
GP13	PE	LOT356	8260B	0	Trichloroethene	1900		ug/kg	250	1900	1770	2990	2420	OK	
GP13	PE	LOT356	8260B	0	Vinyl chloride	ND		ug/kg	250					OK	
GP13	PE	LOT356	8270C	0	1,2,4-Trichlorobenzene	2800		ug/kg	660	2800	725	5840	5560	OK	
GP13	PE	LOT356	8270C	0	1,2-Dichlorobenzene	4300		ug/kg	660	4300	3890	10100	9660	OK	
GP13	PE	LOT356	8270C	0	1,3-Dichlorobenzene	2900		ug/kg	660	2900	2660	7120	6780	OK	
GP13	PE	LOT356	8270C	0	1,4-Dichlorobenzene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	2,4,5-Trichlorophenol	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	2,4,6-Trichlorophenol	4600		ug/kg	660	4600	1330	8200	7810	OK	
GP13	PE	LOT356	8270C	0	2,4-Dichlorophenol	5000		ug/kg	660	5000	1510	9140	8700	OK	
GP13	PE	LOT356	8270C	0	2,4-Dimethylphenol	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	2,4-Dinitrophenol	ND		ug/kg	3200					OK	
GP13	PE	LOT356	8270C	0	2,4-Dinitrotoluene	5700		ug/kg	660	5700	2730	9710	9250	OK	

SDG	CO	SAMPLENO	TC	SQ	Compound	Result	Qualifier	Units	Detection Limit	Recovery	RPD	Factor	Date	Status	Comment
GP13	PE	LOT356	8270C	0	2,6-Dinitrotoluene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	2-Chloronaphthalene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	2-Chlorophenol	3700		ug/kg	660	3700	3210	8220	7830	OK	
GP13	PE	LOT356	8270C	0	2-Methylnaphthalene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	2-Methylphenol	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	2-Nitroaniline	ND		ug/kg	3200					OK	
GP13	PE	LOT356	8270C	0	2-Nitrophenol	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	3,3'-Dichlorobenzidine	ND		ug/kg	3200					OK	
GP13	PE	LOT356	8270C	0	3-Methylphenol & 4-Methylphenol	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	3-Nitroaniline	ND		ug/kg	3200					OK	
GP13	PE	LOT356	8270C	0	4,6-Dinitro-2-methylphenol	ND		ug/kg	3200					OK	
GP13	PE	LOT356	8270C	0	4-Bromophenyl phenyl ether	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	4-Chloro-3-methylphenol	6100		ug/kg	660	6100	2810	9630	9170	OK	
GP13	PE	LOT356	8270C	0	4-Chloroaniline	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	4-Chlorophenyl phenyl ether	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	4-Nitroaniline	ND		ug/kg	3200					OK	
GP13	PE	LOT356	8270C	0	4-Nitrophenol	ND		ug/kg	3200					OK	
GP13	PE	LOT356	8270C	0	Acenaphthene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Acenaphthylene	1800		ug/kg	660	1800	1530	3560	3390	OK	
GP13	PE	LOT356	8270C	0	Anthracene	1700		ug/kg	660	1700	518	3010	2870	OK	
GP13	PE	LOT356	8270C	0	Benzo(a)anthracene	2900		ug/kg	660	2900	1310	4140	3910	OK	
GP13	PE	LOT356	8270C	0	Benzo(a)pyrene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Benzo(b)fluoranthene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Benzo(ghi)perylene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Benzo(k)fluoranthene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Benzoic acid	ND		ug/kg	3200					OK	
GP13	PE	LOT356	8270C	0	Benzyl alcohol	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	bis(2-Chloroethoxy)methane	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	bis(2-Chloroethyl) ether	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	bis(2-Chloroisopropyl) ether	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	bis(2-Ethylhexyl) phthalate	5700		ug/kg	660	5700	3210	9730	7890	OK	
GP13	PE	LOT356	8270C	0	Butyl benzyl phthalate	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Carbazole	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Chrysene	2400		ug/kg	660	2400	1140	3120	2810	OK	
GP13	PE	LOT356	8270C	0	Di-n-butyl phthalate	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Di-n-octyl phthalate	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Dibenz(a,h)anthracene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Dibenzofuran	4500		ug/kg	660	4500	2390	7380	6900	OK	
GP13	PE	LOT356	8270C	0	Diethyl phthalate	5300		ug/kg	660	5300	2930	8790	7710	OK	
GP13	PE	LOT356	8270C	0	Dimethyl phthalate	6100		ug/kg	660	6100	4790	9810	9340	OK	
GP13	PE	LOT356	8270C	0	Fluoranthene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Fluorene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Hexachlorobenzene	ND		ug/kg	660					OK	

SDG	SG	SAMP_NO	TEST	Sort	Compound	Result	Qualifiers	Units	DetLimit	Resulting	CSPAL	LSPAL	UTL	Score	Comment
GP13	PE	LOT356	8270C	0	Hexachlorobutadiene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Hexachlorocyclopentadiene	ND		ug/kg	3200					OK	
GP13	PE	LOT356	8270C	0	Hexachloroethane	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Indeno(1,2,3-cd)pyrene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Isophorone	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	N-Nitrosodi-n-propylamine	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	N-Nitrosodiphenylamine	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Naphthalene	5500		ug/kg	660	5500	1640	11700	11100	OK	
GP13	PE	LOT356	8270C	0	Nitrobenzene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Pentachlorophenol	5600		ug/kg	3200	5600	1930	11600	10700	OK	
GP13	PE	LOT356	8270C	0	Phenanthrene	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Phenol	ND		ug/kg	660					OK	
GP13	PE	LOT356	8270C	0	Pyrene	5600		ug/kg	660	5600	2460	8440	7590	OK	
GP13	PE	LOTGF803-3	8151A	0	2,4,5-T	9700		ug/kg	4000	9700	0	62900	25746	OK	
GP13	PE	LOTGF803-3	8151A	0	2,4,5-TP (Silvex)	16000		ug/kg	4000	16000	0	90580	41334	OK	
GP13	PE	LOTGF803-3	8151A	0	2,4-D	19000		ug/kg	16000	19000	20085	69201	44643	LOW	
GP13	PE	LOTGF803-3	8151A	0	2,4-DB	20000		ug/kg	16000	20000				NA	
GP13	PE	LOTGF803-3	8151A	0	Dalapon	24000		ug/kg	8000	24000				NA	
GP13	PE	LOTGF803-3	8151A	0	Dicamba	35000		ug/kg	8000	35000				NA	
GP13	PE	LOTGF803-3	8151A	0	Dichlorprop	22000		ug/kg	16000	22000				NA	
GP13	PE	LOTGF803-3	8151A	0	Dinoseb	ND		ug/kg	2400					NA	
GP13	PE	LOTGF803-3	8151A	0	MCPA	ND		ug/kg	1600000					NA	
GP13	PE	LOTGF803-3	8151A	0	MCPP	1200000	J	ug/kg	1600000	1200000				NA	
GP13	PE	PS-95	8082	0	Aroclor 1016	ND		ug/kg	1600					OK	
GP13	PE	PS-95	8082	0	Aroclor 1221	ND		ug/kg	1600					OK	
GP13	PE	PS-95	8082	0	Aroclor 1232	ND		ug/kg	1600					OK	
GP13	PE	PS-95	8082	0	Aroclor 1242	ND		ug/kg	1600					OK	
GP13	PE	PS-95	8082	0	Aroclor 1248	ND		ug/kg	1600					OK	
GP13	PE	PS-95	8082	0	Aroclor 1254	15000		ug/kg	1600	15000	10600	28100	23100	OK	
GP13	PE	PS-95	8082	0	Aroclor 1260	ND		ug/kg	1600					OK	
GP13	PE	241	7471A	0	Mercury	2.1		mg/kg	0.080	2.1	1.48	2.86	2.17	OK	
GP13	PE	241	6010B	0	Antimony	16.2		mg/kg	6.0	16.2	5.87	60.2	33	OK	
GP13	PE	241	6010B	0	Arsenic	100		mg/kg	30.0	100	69.8	118	93.9	OK	
GP13	PE	241	6010B	0	Iron	9990		mg/kg	10.0	9990	5920	14500	10200	OK	
GP13	PE	241	6010B	0	Lead	129		mg/kg	10.0	129	103	167	135	OK	
GP13	PE	241	6010B	0	Magnesium	2280		mg/kg	500	2280	1890	2790	2340	OK	
GP13	PE	241	6010B	0	Manganese	166		mg/kg	1.5	166	127	205	166	OK	
GP13	PE	241	6010B	0	Molybdenum	40.2		mg/kg	4.0	40.2	30.9	49.9	40.4	OK	
GP13	PE	241	6010B	0	Barium	342		mg/kg	20.0	342	254	405	330	OK	
GP13	PE	241	6010B	0	Nickel	140		mg/kg	4.0	140	108	168	138	OK	
GP13	PE	241	6010B	0	Beryllium	42.5		mg/kg	0.50	42.5	33.5	51.9	42.7	OK	
GP13	PE	241	6010B	0	Selenium	104		mg/kg	25.0	104	71.2	121	96	OK	
GP13	PE	241	6010B	0	Silver	89.5		mg/kg	1.0	89.5	64.6	109	86.7	OK	

[illegible]	[illegible]	SAMPLE NO.	[illegible]	[illegible]	[illegible]	[illegible]	Qualifiers	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP13	PE	241	6010B	0	Thallium	52.4	B	mg/kg	200	52.4	23.2	68.3	45.7	OK	
GP13	PE	241	6010B	0	Vanadium	65.2		mg/kg	5.0	65.2	44.4	85.8	65.1	OK	
GP13	PE	241	6010B	0	Zinc	79.5		mg/kg	2.0	79.5	58	92.1	75	OK	
GP13	PE	241	6010B	0	Chromium	49.6		mg/kg	1.0	49.6	35.5	56.5	46	OK	
GP13	PE	241	6010B	0	Cadmium	97.7		mg/kg	0.50	97.7	74.8	120	97.2	OK	
GP13	PE	241	6010B	0	Calcium	1300		mg/kg	500	1300	986	1650	1320	OK	
GP13	PE	241	6010B	0	Cobalt	118		mg/kg	5.0	118	95.6	145	120	OK	
GP13	PE	241	6010B	0	Copper	156		mg/kg	2.5	156	121	174	147	OK	
GP13	PE	241	6010B	0	Aluminum	5140		mg/kg	20.0	5140	3140	7360	5250	OK	
GP13	PE	241	6010B	0	Potassium	1540		mg/kg	500	1540	1100	1950	1480	OK	
GP13	PE	241	6010B	0	Sodium	759		mg/kg	500	759	531	1160	845	OK	

EVALUATION REPORT FOR PES
TT05781

NA

Report date: 08/13/1999
Method: SW 846 8082
Lab name: QUANTERRA
Labcode: Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol (g/mL)
%Moisture Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: (uL)
Injection Volume: (uL)
GPC Cleanup: (Y/N) pH:

Contract:
SDG: GP14
Lab Sample ID:
Lab File ID:
Date sample received: 07/10/1999
Date Extracted: 07/19/1999
Date analyzed: 07/21/1999
Dilution Factor: 1
Sulfur Cleanup

Comments:
Lot-Sample #: G9G120121-019 Work Order #: CXXKT102 Date Sampled: 07/09/99
Prep Batch#: 9200182

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	89	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

08/23/99 16:07 US EPA → 915084359641* NO.001 D08

CMB

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: DFQ278
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G120121017
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP14
Date Received: 07/10/99
Date Analyzed: 07/18/99

TCL HITS

2,3,7,8-TCDD	WITHIN WARNING LIMITS	3.300

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

CMB

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: DXH966
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G120123017
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP15
Date Received: 07/10/99
Date Analyzed: 07/27/99

TCL HITS

2,3,7,8-TCDD	~~ACTION LOW~~ 8/13/99	0.000	ND

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

CMB

RAS ORGANIC
Method 8082

PES SAMPLE NUMBER: TT00680
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G120123019
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP15
Date Received: 07/10/99
Date Analyzed: 07/21/99

TCL HITS

AROCLOR-1254	WITHIN WARNING LIMITS	46000.000

TCL MISSES
None

TCL CONTAMINANTS

AROCLOR-1248		14000.000

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

CMB

RAS ORGANIC
Method 8082

PES SAMPLE NUMBER: TT01447
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G130228023
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP16
Date Received: 07/13/99
Date Analyzed: 07/21/99

TCL HITS
AROCLOR-1254 WITHIN WARNING LIMITS 430.000

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

CMB

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: M755XB
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G130228022
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP16
Date Received: 07/13/99
Date Analyzed: 07/29/99

TCL HITS
2,3,7,8-TCDD WITHIN WARNING LIMITS 1.000

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

RAS ORGANIC
Method 8082

PES SAMPLE NUMBER: TT01447
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G130228023
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP16
Date Received: 07/13/99
Date Analyzed: 07/21/99

TCL HITS

AROCLOR-1254	WITHIN WARNING LIMITS	430.000

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

DIOXIN/FURAN

EVALUATION REPORT FOR PES
NDV917

EPA/CLP No.

NA

Report date: 09/08/1999
Method: SW846 8280
Lab name: Quanterra
Labcode: QUANTER Case: NA DAS No. NA
Matrix: SOIL QC Report No.:NA
Sample wt/vol: NA (g/ml) NA
Water Sample Prep.:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL) %Solids
GC Column: NA ID: NA (mm)

Contract: NA
SDG: GP17
Lab Sample ID: G9G200174-02
Lab File ID: NA
Date sample received: 07/21/1999
Date Extracted: 08/05/1999
Date analyzed: 08/10/1999
Dilution Factor: 1

Comments:

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	*Compound Name*	*Concentration*	*Evaluation*	*Q*
1746-01-6	2,3,7,8-TCDD	0.07	Within Limits	J

EVALUATION REPORT FOR PES
TT05556

NA

Report date: 09/08/1999
Method: SW846 8082
Lab name: QUANTERRA-WEST SACRAMENTO
Labcode: Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: (g/mL)
%Moisture Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: (uL)
Injection Volume: (uL)
GPC Cleanup: (Y/N) pH:

Contract
SDG: GP17
Lab Sample ID:
Lab File ID:
Date sample received: 07/21/1999
Date Extracted: 07/22/1999
Date analyzed: 07/24/1999
Dilution Factor: 50
Sulfur Cleanup

Comments:
Lot-Sample #: G9G200174-028 Date Sampled: 07/20/99
Prep Batch #: 9203411 Work Order #: DOC0F101

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	27000	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

09/16/99 10:02 NO.010 D03

INORGANIC EVALUATION REPORT FOR PES

ICC01060

EPA/CLP No.

NA

Report date: 09/08/1999
Method: SW846 6010B
Lab name: Quanterra
Labcode: QUANTER Case: NA DAS No.: NA
Matrix: SOIL QC Report No.: NA
Level: (low/med):
%Solids: NA

Contract: NA
SDG: GP17
Lab Sample ID: G8G200174-02
Date sample received: 07/21/1999

Color Before: NA Clarity Before: NA Texture: NA
Color After: NA Clarity After: NA Artifacts: NA

Comments:

Concentration Units: mg/Kg

PES Analytes Reported

CAS No.	Analyte Name	Concentration	Evaluation	C	Q	M
7429-90-5	Aluminum	2060	Within Warning Limits			
7440-38-2	Arsenic	2.4	Within Warning Limits	B		
7440-43-9	Cadmium	1.1	Within Warning Limits			
7440-70-2	Calcium	38100	Within Warning Limits			
7440-47-3	Chromium	6.4	Within Warning Limits			
7440-50-8	Copper	5.0	Within Warning Limits			
7439-89-6	Iron	8610	Within Warning Limits			
7439-92-1	Lead	4.2	Within Warning Limits	B		
7439-95-4	Magnesium	14400	Within Warning Limits			
7439-96-5	Manganese	306	Within Warning Limits			
7440-09-7	Potassium	1110	Within Warning Limits			
7440-22-4	Silver	26.8	Within Warning Limits			
7440-28-0	Thallium	13.3	Within Warning Limits	B		
7440-66-6	Zinc	269	Within Warning Limits			

Other Analytes Reported

CAS No	Analyte Name	Concentration	Evaluation	C	Q	M
	Molybdenum		Non-spiked Analyte	ND		

PES Analytes Not Evaluated

CAS No	Analyte Name	Concentration	Evaluation	C	Q	M
7440-36-0	Antimony		Not Evaluated	ND		
7440-39-3	Barium	15.3	Not Evaluated	B		
7440-41-7	Beryllium	0.14	Not Evaluated	B		
7440-48-4	Cobalt	0.72	Not Evaluated	B		
7439-97-6	Mercury	0.029	Not Evaluated	B		
7440-02-0	Nickel	3.7	Not Evaluated	B		
7782-49-2	Selenium		Not Evaluated	ND		
7440-23-5	Sodium	68.0	Not Evaluated	B		
7440-62-2	Vanadium	4.2	Not Evaluated	B		

09/10/99 14:55 NO.005 D03

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP17	PE	NDV917	8280	1	2,3,7,8-TCDD	0.070	J	ng/g	--	0.07	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Aluminum	2060		mg/kg	20.0	2060	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Antimony	ND		mg/kg	6.0		-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Arsenic	2.4	B	mg/kg	30.0	2.4	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Barium	15.3	B	mg/kg	20.0	15.3	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Beryllium	0.14	B	mg/kg	0.50	0.14	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Cadmium	1.1		mg/kg	0.50	1.1	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Calcium	38100		mg/kg	500	38100	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Chromium	6.4		mg/kg	1.0	6.4	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Cobalt	0.72	B	mg/kg	5.0	0.72	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Copper	5.0		mg/kg	2.5	5	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Iron	8610		mg/kg	10.0	8610	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Lead	4.2	B	mg/kg	10.0	4.2	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Magnesium	14400		mg/kg	500	14400	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Manganese	306		mg/kg	1.5	306	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Molybdenum	ND		mg/kg	4.0		-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Nickel	3.7	B	mg/kg	4.0	3.7	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Potassium	1110		mg/kg	500	1110	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Selenium	ND		mg/kg	25.0		-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Silver	26.8		mg/kg	1.0	26.8	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Sodium	66.0	B	mg/kg	500	66	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Thallium	13.3	B	mg/kg	200	13.3	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Vanadium	4.2	B	mg/kg	5.0	4.2	-------EPA scored--------				
GP17	PE	ICC01050	6010B	0	Zinc	269		mg/kg	2.0	269	-------EPA scored--------				
GP17	PE	LOT239-A	9012A	0	Cyanide, Total	33.7	Q	mg/kg	5.0	33.7	18.7	49.7	34.2	OK	
GP17	PE	LOT355-X	8081A	0	4,4'-DDD	130		ug/kg	8.5	130	80.5	228	186	OK	
GP17	PE	LOT355-X	8081A	0	4,4'-DDE	200		ug/kg	8.5	200	100	253	205	OK	
GP17	PE	LOT355-X	8081A	0	4,4'-DDT	90		ug/kg	8.5	90	42	172	141	OK	
GP17	PE	LOT355-X	8081A	0	Aldrin	170		ug/kg	8.5	170	81.3	255	200	OK	
GP17	PE	LOT355-X	8081A	0	alpha-BHC	230		ug/kg	8.5	230	142	528	461	OK	
GP17	PE	LOT355-X	8081A	0	beta-BHC	240		ug/kg	8.5	240	94.2	399	321	OK	
GP17	PE	LOT355-X	8081A	0	delta-BHC	ND		ug/kg	8.5					OK	
GP17	PE	LOT355-X	8081A	0	Chlordane (technical)	ND		ug/kg	85	0	198.5	561	459	LOW	PE is alpha and gamma
GP17	PE	LOT355-X	8081A	0	Dieldrin	100		ug/kg	8.5	100	51.5	154	127	OK	
GP17	PE	LOT355-X	8081A	0	Endosulfan I	ND		ug/kg	8.5					OK	
GP17	PE	LOT355-X	8081A	0	Endosulfan II	ND		ug/kg	8.5					OK	
GP17	PE	LOT355-X	8081A	0	Endosulfan sulfate	ND		ug/kg	8.5					OK	
GP17	PE	LOT355-X	8081A	0	Endrin	180		ug/kg	8.5	180	94.9	242	196	OK	
GP17	PE	LOT355-X	8081A	0	Endrin aldehyde	ND		ug/kg	8.5					OK	
GP17	PE	LOT355-X	8081A	0	gamma-BHC (Lindane)	130		ug/kg	8.5	130	96.6	406	313	OK	
GP17	PE	LOT355-X	8081A	0	Heptachlor	140		ug/kg	8.5	140	77.6	225	179	OK	

MSDG	QC	SAMPLNO	Test	Spl	Chemical	Result	Qualifiers	Units	DL	Result	LAPA	HIPAB	MGV	Score	Prep Date
GP17	PE	LOT355-X	8081A	0	Heptachlor epoxide	210		ug/kg	8.5	210	100	312	254	OK	
GP17	PE	LOT355-X	8081A	0	Methoxychlor	39		ug/kg	16	39	40.3	171	131	LOW	
GP17	PE	LOT355-X	8081A	0	Toxaphene	ND		ug/kg	340					OK	
GP17	PE	LOT355-X	8260B	0	1,1,1,2-Tetrachloroethane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,1,1-Trichloroethane	1000		ug/kg	250	1000	931	1540	1220	OK	
GP17	PE	LOT355-X	8260B	0	1,1,2,2-Tetrachloroethane	3400		ug/kg	250	3400	2120	3950	3000	OK	
GP17	PE	LOT355-X	8260B	0	1,1,2-Trichloroethane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,1-Dichloroethane	3300		ug/kg	250	3300	2860	4530	3480	OK	
GP17	PE	LOT355-X	8260B	0	1,1-Dichloroethene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,1-Dichloropropene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,2,3-Trichlorobenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,2,3-Trichloropropane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,2,4-Trichlorobenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,2,4-Trimethylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,2-Dichlorobenzene	4800		ug/kg	250	4800	3930	6410	5050	OK	
GP17	PE	LOT355-X	8260B	0	1,2-Dichloroethane	4400		ug/kg	250	4400	3950	6400	5050	OK	
GP17	PE	LOT355-X	8260B	0	1,2-Dichloropropane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,3,5-Trimethylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,3-Dichlorobenzene	1400		ug/kg	250	1400	1090	1800	1420	OK	
GP17	PE	LOT355-X	8260B	0	1,3-Dichloropropane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,4-Dichlorobenzene	2100		ug/kg	250	2100	1670	2840	2170	OK	
GP17	PE	LOT355-X	8260B	0	2,2-Dichloropropane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	2-Chlorotoluene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	4-Chlorotoluene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Benzene	1900		ug/kg	250	1900	1540	2450	1960	OK	
GP17	PE	LOT355-X	8260B	0	Bromobenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Bromochloromethane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Bromodichloromethane	2100		ug/kg	250	2100	1810	2840	2280	OK	
GP17	PE	LOT355-X	8260B	0	Bromoform	5700		ug/kg	250	5700	4870	8330	6300	OK	
GP17	PE	LOT355-X	8260B	0	Bromomethane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Carbon tetrachloride	3300		ug/kg	250	3300	2990	5180	4000	OK	
GP17	PE	LOT355-X	8260B	0	Chlorobenzene	4700		ug/kg	250	4700	3670	5540	4500	OK	
GP17	PE	LOT355-X	8260B	0	Chloroethane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Chloroform	2100		ug/kg	250	2100	1800	2930	2330	OK	
GP17	PE	LOT355-X	8260B	0	Chloromethane	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	cis-1,2-Dichloroethene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	cis-1,3-Dichloropropene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Dibromochloromethane	2600		ug/kg	250	2600	2250	3700	2900	OK	
GP17	PE	LOT355-X	8260B	0	Dibromomethane	98	J	ug/kg	250	98				HIGH	
GP17	PE	LOT355-X	8260B	0	Ethylbenzene	3200		ug/kg	250	3200	2450	3900	3060	OK	
GP17	PE	LOT355-X	8260B	0	Hexachlorobutadiene	ND		ug/kg	250					OK	

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP17	PE	LOT355-X	8260B	0	Isopropylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	m-Xylene & p-Xylene	4500		ug/kg	250	4500	3550	5640	4410	OK	
GP17	PE	LOT355-X	8260B	0	Methylene chloride	2000		ug/kg	500	2000	1300	2600	1970	OK	
GP17	PE	LOT355-X	8260B	0	n-Butylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	n-Propylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Naphthalene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	o-Xylene	1500		ug/kg	250	1500	1120	1780	1400	OK	
GP17	PE	LOT355-X	8260B	0	p-Isopropyltoluene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	sec-Butylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Styrene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	tert-Butylbenzene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Tetrachloroethene	3000		ug/kg	250	3000	2160	3670	2840	OK	
GP17	PE	LOT355-X	8260B	0	Toluene	8400		ug/kg	250	8400	6740	10300	8400	OK	
GP17	PE	LOT355-X	8260B	0	trans-1,2-Dichloroethene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	trans-1,3-Dichloropropene	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Trichloroethene	4800		ug/kg	250	4800	4030	6790	5500	OK	
GP17	PE	LOT355-X	8260B	0	Vinyl chloride	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	1,2-Dibromo-3-chloropropane (DB	ND		ug/kg	500					OK	
GP17	PE	LOT355-X	8260B	0	1,2-Dibromoethane (EDB)	ND		ug/kg	500					OK	
GP17	PE	LOT355-X	8260B	0	Dichlorodifluoromethane (Freon 12	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8260B	0	Trichlorofluoromethane (Freon 11)	ND		ug/kg	250					OK	
GP17	PE	LOT355-X	8270C	0	1,2,4-Trichlorobenzene	5700		ug/kg	660	5700	1510	12200	11600	OK	
GP17	PE	LOT355-X	8270C	0	1,2-Dichlorobenzene	6000		ug/kg	660	6000	3750	12500	11900	OK	
GP17	PE	LOT355-X	8270C	0	1,3-Dichlorobenzene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	1,4-Dichlorobenzene	4600		ug/kg	660	4600	2970	10610	10100	OK	
GP17	PE	LOT355-X	8270C	0	2,4,5-Trichlorophenol	2200		ug/kg	660	2200	687	4130	3880	OK	
GP17	PE	LOT355-X	8270C	0	2,4,6-Trichlorophenol	5200		ug/kg	660	5200	1740	10700	10200	OK	
GP17	PE	LOT355-X	8270C	0	2,4-Dichlorophenol	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	2,4-Dimethylphenol	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	2,4-Dinitrophenol	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	2,4-Dinitrotoluene	8300		ug/kg	660	8300	3690	13100	12500	OK	
GP17	PE	LOT355-X	8270C	0	2,6-Dinitrotoluene	4100		ug/kg	660	4100	2770	6340	6040	OK	
GP17	PE	LOT355-X	8270C	0	2-Chloronaphthalene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	2-Chlorophenol	3900		ug/kg	660	3900	2020	8160	7770	OK	
GP17	PE	LOT355-X	8270C	0	2-Methylnaphthalene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	2-Methylphenol	4200		ug/kg	660	4200	990	9260	8820	OK	
GP17	PE	LOT355-X	8270C	0	2-Nitroaniline	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	2-Nitrophenol	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	3,3'-Dichlorobenzidine	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	3-Methylphenol & 4-Methylphenol	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	3-Nitroaniline	ND		ug/kg	3200					OK	

Sample	Type	Sample Name	Method	Spin	Compound	Result	Qualifiers	Units	Detection	Result	RPA	RPA	CV	Score	Comment
GP17	PE	LOT355-X	8270C	0	4,6-Dinitro-2-methylphenol	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	4-Bromophenyl phenyl ether	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	4-Chloro-3-methylphenol	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	4-Chloroaniline	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	4-Chlorophenyl phenyl ether	4200		ug/kg	660	4200	2520	7070	6170	OK	
GP17	PE	LOT355-X	8270C	0	4-Nitroaniline	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	4-Nitrophenol	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	Acenaphthene	4100		ug/kg	660	4100	1820	6780	6280	OK	
GP17	PE	LOT355-X	8270C	0	Acenaphthylene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Anthracene	570	J	ug/kg	660	570	179	1040	990	OK	
GP17	PE	LOT355-X	8270C	0	Benzo(a)anthracene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Benzo(a)pyrene	3600		ug/kg	660	3600	1160	6150	5860	OK	
GP17	PE	LOT355-X	8270C	0	Benzo(b)fluoranthene	4500		ug/kg	660	4500	1430	6740	6240	OK	
GP17	PE	LOT355-X	8270C	0	Benzo(ghi)perylene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Benzo(k)fluoranthene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Benzoic acid	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	Benzyl alcohol	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	bis(2-Chloroethoxy)methane	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	bis(2-Chloroethyl) ether	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	bis(2-Chloroisopropyl) ether	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	bis(2-Ethylhexyl) phthalate	4400		ug/kg	660	4400	2170	6570	5330	OK	
GP17	PE	LOT355-X	8270C	0	Butyl benzyl phthalate	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Carbazole	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Chrysene	840		ug/kg	660	840	467	1280	1150	OK	
GP17	PE	LOT355-X	8270C	0	Di-n-butyl phthalate	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Di-n-octyl phthalate	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Dibenz(a,h)anthracene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Dibenzofuran	2900		ug/kg	660	2900	1580	4890	4570	OK	
GP17	PE	LOT355-X	8270C	0	Diethyl phthalate	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Dimethyl phthalate	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Fluoranthene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Fluorene	1900		ug/kg	660	1900	882	2860	2720	OK	
GP17	PE	LOT355-X	8270C	0	Hexachlorobenzene	1800		ug/kg	660	1800	851	3550	2670	OK	
GP17	PE	LOT355-X	8270C	0	Hexachlorobutadiene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Hexachlorocyclopentadiene	ND		ug/kg	3200					OK	
GP17	PE	LOT355-X	8270C	0	Hexachloroethane	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Indeno(1,2,3-cd)pyrene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Isophorone	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	N-Nitrosodi-n-propylamine	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	N-Nitrosodiphenylamine	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Naphthalene	2700		ug/kg	660	2700	671	4780	4550	OK	

[illegible]	[illegible]	SAMPLE NO.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GP17	PE	LOT355-X	8270C	0	Nitrobenzene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Pentachlorophenol	4100		ug/kg	3200	4100	1940	9570	8800	OK	
GP17	PE	LOT355-X	8270C	0	Phenanthrene	ND		ug/kg	660					OK	
GP17	PE	LOT355-X	8270C	0	Phenol	900		ug/kg	660	900	264	1670	1520	OK	
GP17	PE	LOT355-X	8270C	0	Pyrene	4700		ug/kg	660	4700	2150	7390	6640	OK	
GP17	PE	LOTGF803-4	8151A	0	2,4,5-T	10000		ug/kg	4000	10000	0	62900	25746	OK	
GP17	PE	LOTGF803-4	8151A	0	2,4,5-TP (Silvex)	16000		ug/kg	4000	16000	0	90580	41334	OK	
GP17	PE	LOTGF803-4	8151A	0	2,4-D	34000		ug/kg	16000	34000	20085	69201	44643	OK	
GP17	PE	LOTGF803-4	8151A	0	2,4-DB	22000		ug/kg	16000	22000				NA	
GP17	PE	LOTGF803-4	8151A	0	Dalapon	61000		ug/kg	8000	61000				NA	
GP17	PE	LOTGF803-4	8151A	0	Dicamba	54000		ug/kg	8000	54000				NA	
GP17	PE	LOTGF803-4	8151A	0	Dichlorprop	28000		ug/kg	16000	28000				NA	
GP17	PE	LOTGF803-4	8151A	0	Dinoseb	ND		ug/kg	2400					NA	
GP17	PE	LOTGF803-4	8151A	0	MCPA	ND		ug/kg	1600000					NA	
GP17	PE	LOTGF803-4	8151A	0	MCPP	6000000		ug/kg	1600000	6000000				NA	
GP17	PE	TT05556	8082	1	Aroclor 1016	ND		ug/kg	1600		-------EPA scored--------				
GP17	PE	TT05556	8082	2	Aroclor 1221	ND		ug/kg	1600		-------EPA scored--------				
GP17	PE	TT05556	8082	3	Aroclor 1232	ND		ug/kg	1600		-------EPA scored--------				
GP17	PE	TT05556	8082	4	Aroclor 1242	ND		ug/kg	1600		-------EPA scored--------				
GP17	PE	TT05556	8082	5	Aroclor 1248	ND		ug/kg	1600		-------EPA scored--------				
GP17	PE	TT05556	8082	6	Aroclor 1254	27000		ug/kg	1600	27000	-------EPA scored--------				
GP17	PE	TT05556	8082	7	Aroclor 1260	ND		ug/kg	1600		-------EPA scored--------				

DIOXIN/FURAN

EVALUATION REPORT FOR PES

RJO275

EPA/CLP No.

NA

Report date: 08/30/1999
Method: SW846 8280
Lab name: QUANTERRA
Labcode: QUANTER Case: NA DAS No. NA
Matrix: SOIL QC Report No.:NA
Sample wt/vol: NA (g/ml) NA
Water Sample Prep.:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL) %Solids
GC Column: NA ID: NA (mm)

Contract: NA
SDG: GP18
Lab Sample ID: g9g220227-01
Lab File ID: NA
Date sample received: 07/22/1999
Date Extracted: 08/09/1999
Date analyzed: 08/12/1999
Dilution Factor: 1

Comments:

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	*Compound Name*	*Concentration*	*Evaluation*	*Q*
1746-01-6	2,3,7,8-TCDD	~~0.016~~	~~Within Limits~~	ND

8/30/99

8/30/99

09/07/99 15:14 US EPA → 915084359641 NO.030 D05

PESTICIDE

EVALUATION REPORT FOR PES
TT01448

EPA/CLP No.

na

Report date: 08/30/1999
Method: SW846 8082
Lab name: quanterra
Labcode: QUANTER Case: na DAS No. na
Matrix: SOIL QC Report No.:na
Sample wt/vol: na (g/mL)
%Moisture na Decanted:(Y/N)
Extraction: Cont
Concentrated Extract Volume: (uL)
Injection Volume: NA (uL)
GPC Cleanup: (Y/N) N pH:

Contract: na
SDG: GP18
Lab Sample ID: g9g220227-01
Lab File ID: na
Date sample received: 07/22/1999
Date Extracted: / /
Date analyzed: 08/10/1999
Dilution Factor: 1
Sulfur Cleanup

Comments:

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
1097-69-1	Aroclor-1254	240	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

07/99 15:14 US EPA → 9150843596 41 NO.030 P03

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: IUH446
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G220189018
Lab File ID: 072299

Contract: NA
DAS No: NA SDG No: GP19
Date Received: 07/22/99
Date Analyzed: 08/11/99

TCL HITS

2,3,7,8-TCDD	WITHIN WARNING LIMITS	0.520

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

EVALUATION REPORT FOR PES
TT05583

Report date: 08/25/1999
Method: SW846 8082
Lab name: QUANTERRA
Labcode: Case DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: (g/mL)
%Moisture Decanted (Y/N)
Extraction:
Concentrated Extract Volume: (uL)
Injection Volume: (uL)
GPC Cleanup: (Y/N) pH:

Contract.
SDG: GP19
Lab Sample ID:
Lab File ID:
Date sample received: 07/22/1999
Date Extracted: 07/23/1999
Date analyzed. 08/13/1999
Dilution Factor: 500
Sulfur Cleanup

Comments:
Lot-Sample # G9G220189-019 Work Order # D0DG4101 Prep Batch #. 9204212

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	49000	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

09/07/99 15:14 US EPA → 915084359641 NO.030 D04

PESTICIDE
EVALUATION REPORT FOR PES
TT05587

EPA/CLP No.
NA

Report date: 09/02/1999
Method SW 846 8082
Lab name: QUANTERRA
Labcode: Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: (g/mL)
%Moisture Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: (uL)
Injection Volume: (uL)
GPC Cleanup (Y/N) pH:

Contract:
SDG: GP20
Lab Sample ID:
Lab File ID:
Date sample received: 07/23/1999
Date Extracted: 08/04/1999
Date analyzed: 08/19/1999
Dilution Factor: 50
Sulfur Cleanup

Comments:
Lot-Sample #: G9G230243-018 Work Order #: D0FLK103
Prep Batch #: 9216201 Date Sampled: 07/21/99

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	7400	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

This Report is for Internal Agency Use Only

PESTICIDE

EVALUATION REPORT FOR PES

TT00357

EPA/CLP No.

na

Report date: 07/19/1999
Method: SW846 8082
Lab name: quanterra
Labcode: QUANTER Case: na DAS No. na
Matrix: SOIL QC Report No.na
Sample wt/vol: na (g/mL) na
%Moisture na Decanted:(Y/N)
Extraction:
Concentrated Extract Volume: na (uL)
Injection Volume: na (uL)
GPC Cleanup: (Y/N) pH:

Contract: na
SDG: HA02
Lab Sample ID: g9f250192001
Lab File ID: na
Date sample received: 06/25/1999
Date Extracted: 06/28/1999
Date analyzed: 07/06/1999
Dilution Factor: 100
Sulfur Cleanup

Comments:

Concentration Units: ug/Kg

PES Compounds Reported					Q
11096-82-5	Aroclor-1260		100000	Within Warning Limits	
n= 25	Action Low= 16000	Warning Low= 39000	Warning High=160000	Action High=190000	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-9	gamma-BHC (Lindane)		Not Evaluated	

07/26/99 13:35 NO.018 D08

This Report is for Internal Agency Use Only

EPA/CLP No.

na

DIOXIN/FURAN

EVALUATION REPORT FOR PES
BWE185

Report date: 07/19/1999
Method: sw846 8280
Lab name: quanterra
Labcode: QUANTER Case: na DAS No. na
Matrix: SOIL QC Report No.na
Sample wt/vol: na (g/ml) na
Water Sample Prep.:
Concentrated Extract Volume: na (uL)
Injection Volume: na (uL) %Solids
GC Column: na ID na (mm)

Contract: na
SDG: HA02
Lab Sample ID: g9f250192-00
Lab File ID: na
Date sample received: 06/25/1999
Date Extracted: 06/27/1999
Date analyzed: 06/30/1999
Dilution Factor: 1

Comments:
only analyte analyzed for

Concentration Units: ug/Kg

PES Compounds Reported					Q
1746-01-6	2,3,7,8-TCDD		2.9	Within Warning Limits	
n= 18	Action Low= 1.7	Warning Low= 2.1	Warning High=4.5	Action High=4.9	

PES Compounds Missed				
CAS No	Compound Name	Concentration	Evaluation	Q
41903-57-5	TOTAL-TCDD		PES Compound Missed	

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: DY0823
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F260183017
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: HA03
Date Received: 06/26/99
Date Analyzed: 07/09/99

TCL HITS
2,3,7,8-TCDD ~~ACTION LOW~~ 7/27/99 0.000 ND

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

RAS ORGANIC
Method 8082

PES SAMPLE NUMBER: TT01358
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F260183019
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: HA03
Date Received: 06/26/99
Date Analyzed: 07/14/99

TCL HITS
AROCLOR-1254 WITHIN WARNING LIMITS 75000.000

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: 5WS4U2
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F300224001
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: HA04
Date Received: 06/30/99
Date Analyzed: 07/15/99

TCL HITS

2,3,7,8-TCDD	WITHIN WARNING LIMITS	0.430	J

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: SHM625
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G080237-08
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: HA05
Date Received: 07/08/99
Date Analyzed: 07/22/99

TCL HITS

2,3,7,8-TCDD	WITHIN WARNING LIMITS	0.550

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

MB

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: SUD912
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G100160017
Lab File ID: NA

Contract:
DAS No: NA SDG No: HA06
Date Received: 07/09/99
Date Analyzed: 07/23/99

TCL HITS
2,3,7,8-TCDD WITHIN WARNING LIMITS 0.940

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: VTD514
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G140228018
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: HA07
Date Received: 07/14/99
Date Analyzed: 07/31/99

TCL HITS

2,3,7,8-TCDD	WITHIN WARNING LIMITS	0.910

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00270

EPA/CLP No.

NA

Report date: 08/31/1999
Method: NA
Lab name: Paradigm Analytical Laboratories
Labcode: PARADIG Case: NA DAS No. NA
Matrix: SOIL QC Report No.:NA
Sample wt/vol: 10.0 (g/ml) G
Water Sample Prep.:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL) %Solids
GC Column: NA ID: NA (mm)

Contract: NA
SDG: NA HA13
Lab Sample ID: 69849
Lab File ID: NA
Date sample received: 08/05/1999
Date Extracted: 08/05/1999
Date analyzed: 08/11/1999
Dilution Factor: NA

Comments:

Concentration Units: ng/Kg (ppt)

PES Compounds Reported

CAS No.	*Compound Name*	*Concentration*	*Evaluation*	*Q*
51207-31-9	2,3,7,8-TCDF	2.85	Within Warning Limits	
55722-27-5	TOTAL-TCDF	161	Within Warning Limits	
1746-01-6	2,3,7,8-TCDD	7.2	Within Warning Limits	
3-57-5	TOTAL-TCDD	14.9	Within Warning Limits	
57117-41-6	1,2,3,7,8-PeCDF	71.2	Warning High	
57117-31-4	2,3,4,7,8-PeCDF	22.3	Warning High	
30402-15-4	TOTAL-PeCDF	97	Within Warning Limits	
40321-76-4	1,2,3,7,8-PeCDD	10.9	Within Warning Limits	
36088-22-9	TOTAL-PeCDD	10.9	Within Warning Limits	
70648-26-9	1,2,3,4,7,8-HxCDF	22.9	Within Warning Limits	
72918-21-9	1,2,3,7,8,9-HxCDF	56.4	Within Warning Limits	
60851-34-5	2,3,4,6,7,8-HxCDF	56.6	Within Warning Limits	
55684-94-1	TOTAL-HxCDF	143	Within Warning Limits	
39227-28-6	1,2,3,4,7,8-HxCDD	6.43	Within Warning Limits	
57653-85-7	1,2,3,6,7,8-HxCDD	12.3	Within Warning Limits	
34465-46-8	TOTAL-HxCDD	28.8	Within Warning Limits	
55673-89-7	1,2,3,4,7,8,9-HpCDF	58.2	Warning High	
38998-75-3	TOTAL-HpCDF	68.9	Warning High	
35822-46-9	1,2,3,4,6,7,8-HpCDD	90.9	Warning High	
37871-00-4	TOTAL-HpCDD	131	Action high	
39001-02-0	OCDF	28	Warning High	
3268-87-9	OCDD	475	Action high	

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00270

NA

Report date: 08/31/1999
Method: NA
Lab name: Paradigm Analytical Laboratories
Labcode: PARADIG Case: NA DAS No. NA
Matrix: SOIL QC Report No.:NA
Sample wt/vol: 10.0 (g/ml) G
Water Sample Prep.:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL) %Solids
GC Column: NA ID: NA (mm)

Contract: NA
SDG: NA HA13
Lab Sample ID: 69849
Lab File ID: NA
Date sample received: 08/05/1999
Date Extracted: 08/05/1999
Date analyzed: 08/11/1999
Dilution Factor: NA

Comments:

Concentration Units: ng/Kg (ppt)

Continued from page 1

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
57117-44-9	1,2,3,6,7,8-HxCDF	1.06	Not Evaluated	
19408-74-3	1,2,3,7,8,9-HxCDD	2.41	Not Evaluated	
67562-39-4	1,2,3,4,6,7,8-HpCDF	4.8	Not Evaluated	

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00983

EPA/CLP No.

NA

Report date: 08/31/1999
Method: na
Lab name: Paradigm analytical laboratories
Labcode: PARADIG Case: NA DAS No. NA
Matrix: SOIL QC Report No.:NA
Sample wt/vol: 10.0 (g/ml) G
Water Sample Prep.:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL) %Solids
GC Column: na ID: na (mm)

Contract: NA
SDG: NA 4413
Lab Sample ID: 69850
Lab File ID: NA
Date sample received: 08/05/1999
Date Extracted: 08/05/1999
Date analyzed: 08/11/1999
Dilution Factor: NA

Comments:

Concentration Units: ng/Kg (ppt)

PES Compounds Reported

CAS No.	*Compound Name*	*Concentration*	*Evaluation*	*Q*
1746-01-6	2,3,7,8-TCDD	0.335	Within Limits	
41903-57-5	TOTAL-TCDD	0.322	Within Limits	
30402-15-4	TOTAL-PeCDF	0.11	Within Limits	
14-94-1	TOTAL-HxCDF	0.114	Within Limits	
67562-39-4	1,2,3,4,6,7,8-HpCDF	0.142	Within Limits	
38998-75-3	TOTAL-HpCDF	0.142	Within Limits	
35822-46-9	1,2,3,4,6,7,8-HpCDD	0.564	Within Limits	
37871-00-4	TOTAL-HpCDD	0.902	Within Limits	
39001-02-0	OCDF	0.172	Within Limits	
3268-87-9	OCDD	2.11	Within Limits	

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00992

EPA/CLP No.

NA

Report date: 08/31/1999
Method: NA
Lab name: Paradigm Analytical Laboratories
Labcode: PARADIG Case: NA DAS No. NA
Matrix: SOIL QC Report No.:NA
Sample wt/vol: 10.2 (g/ml) G
Water Sample Prep.:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL) %Solids
GC Column: NA ID: NA (mm)

Contract: NA
SDG: NA
Lab Sample ID: 69816
Lab File ID: NA
Date sample received: 08/05/1999
Date Extracted: 08/06/1999
Date analyzed: 08/16/1999
Dilution Factor: NA

Comments: HA-14

C (ppt)

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
51207-31-9	2,3,7,8-TCDF	0.214	Within Limits	
55722-27-5	TOTAL-TCDF	0.214	Within Limits	
1746-01-6	2,3,7,8-TCDD	1.26	Action High	
3-57-5	TOTAL-TCDD	1.26	Action High	
57117-41-6	1,2,3,7,8-PeCDF	0.499	Within Limits	
57117-31-4	2,3,4,7,8-PeCDF	0.558	Within Limits	
30402-15-4	TOTAL-PeCDF	1.12	Action High	
40321-76-4	1,2,3,7,8-PeCDD	0.538	Within Limits	
36088-22-9	TOTAL-PeCDD	0.538	Within Limits	
70648-26-9	1,2,3,4,7,8-HxCDF	0.507	Within Limits	
57117-44-9	1,2,3,6,7,8-HxCDF	0.552	Within Limits	
72918-21-9	1,2,3,7,8,9-HxCDF	0.432	Within Limits	
60851-34-5	2,3,4,6,7,8-HxCDF	0.589	Within Limits	
55684-94-1	TOTAL-HxCDF	2.08	Within Limits	
39227-28-6	1,2,3,4,7,8-HxCDD	0.515	Within Limits	
57653-85-7	1,2,3,6,7,8-HxCDD	0.648	Within Limits	
19408-74-3	1,2,3,7,8,9-HxCDD	0.576	Within Limits	
34465-46-8	TOTAL-HxCDD	1.74	Within Limits	
67562-39-4	1,2,3,4,6,7,8-HpCDF	0.711	Within Limits	
55673-89-7	1,2,3,4,7,8,9-HpCDF	0.495	Within Limits	
38998-75-3	TOTAL-HpCDF	1.21	Within Limits	
35822-46-9	1,2,3,4,6,7,8-HpCDD	0.78	Within Limits	
37871-00-4	TOTAL-HpCDD	0.78	Within Limits	
39001-02-0	OCDF	1.14	Within Limits	
3268-87-9	OCDD	2.17	Within Limits	

PeacTOOLS 2.1

ACCEPTANCE LIMITS FOR

PC00992

Concentration units: ng/Kg (ppt)

No.	Compound	Nominal	n	Action Low	Warning Low	Warning High	Action High
51207-31-9	2,3,7,8-TCDF		6	N.L.	N.L.	N.L.	0.60
55722-27-5	TOTAL-TCDF		6	N.L.	N.L.	N.L.	3.6
1746-01-6	2,3,7,8-TCDD		6	N.L.	N.L.	N.L.	0.60
41903-57-5	TOTAL-TCDD		6	N.L.	N.L.	N.L.	0.50
57117-41-6	1,2,3,7,8-PeCDF		6	N.L.	N.L.	N.L.	0.70
57117-31-4	2,3,4,7,8-PeCDF		6	N.L.	N.L.	N.L.	1.4
30402-15-4	TOTAL-PeCDF		6	N.L.	N.L.	N.L.	0.80
40321-76-4	1,2,3,7,8-PeCDD		6	N.L.	N.L.	N.L.	1.3
36088-22-9	TOTAL-PeCDD		5	N.L.	N.L.	N.L.	1.8
70648-26-9	1,2,3,4,7,8-HxCDF		6	N.L.	N.L.	N.L.	1.0
57117-44-9	1,2,3,6,7,8-HxCDF		6	N.L.	N.L.	N.L.	1.0
72918-21-9	1,2,3,7,8,9-HxCDF		6	N.L.	N.L.	N.L.	2.2
60851-34-5	2,3,4,6,7,8-HxCDF		6	N.L.	N.L.	N.L.	1.5
55684-94-1	TOTAL-HxCDF		6	N.L.	N.L.	N.L.	3.2
39227-28-6	1,2,3,4,7,8-HxCDD		6	N.L.	N.L.	N.L.	1.7
57653-85-7	1,2,3,6,7,8-HxCDD		6	N.L.	N.L.	N.L.	2.0
19408-74-3	1,2,3,7,8,9-HxCDD		6	N.L.	N.L.	N.L.	3.5
34465-46-8	TOTAL-HxCDD		6	N.L.	N.L.	N.L.	1.9
67562-39-4	1,2,3,4,6,7,8-HpCDF		6	N.L.	N.L.	N.L.	1.5
55673-89-7	1,2,3,4,7,8,9-HpCDF		6	N.L.	N.L.	N.L.	2.8
38998-75-3	TOTAL-HpCDF		6	N.L.	N.L.	N.L.	3.7
[illegible]2-46-9	1,2,3,4,6,7,8-HpCDD		6	N.L.	N.L.	N.L.	6.2
[illegible]671-00-4	TOTAL-HpCDD		6	N.L.	N.L.	N.L.	3.5
39001-02-0	OCDF		6	N.L.	N.L.	N.L.	5.2
3268-87-9	OCDD		6	N.L.	N.L.	N.L.	22

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00530

EPA/CLP No.

NA

Report date: 08/31/1999
Method: NA
Lab name: Paradigm Analytical Laboratories
Labcode: PARADIG Case: NA DAS No. NA
Matrix: SOIL QC Report No.:NA
Sample wt/vol: 10.1 (g/ml) G
Water Sample Prep.:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL) %Solids
GC Column: NA ID: NA (mm)

Contract: NA
SDG: NA HA14
Lab Sample ID: 69815
Lab File ID: NA
Date sample received: 08/05/1999
Date Extracted: 08/06/1999
Date analyzed: 08/12/1999
Dilution Factor: NA

Comments:

Concentration Units: ng/Kg (ppt)

PES Compounds Reported

CAS No.	*Compound Name*	*Concentration*	*Evaluation*	*Q*
51207-31-9	2,3,7,8-TCDF	4.64	Within Warning Limits	
55722-27-5	TOTAL-TCDF	118	Within Warning Limits	
1746-01-6	2,3,7,8-TCDD	33.4	Within Warning Limits	
[illegible]-57-5	TOTAL-TCDD	77	Within Warning Limits	
[illegible]7-41-6	1,2,3,7,8-PeCDF	24	Within Warning Limits	
30402-15-4	TOTAL-PeCDF	28.3	Within Warning Limits	
40321-76-4	1,2,3,7,8-PeCDD	24.1	Within Warning Limits	
36088-22-9	TOTAL-PeCDD	43.9	Within Warning Limits	
70648-26-9	1,2,3,4,7,8-HxCDF	27.3	Within Warning Limits	
60851-34-5	2,3,4,6,7,8-HxCDF	21.8	Within Warning Limits	
55684-94-1	TOTAL-HxCDF	63	Within Warning Limits	
39227-28-6	1,2,3,4,7,8-HxCDD	22.3	Within Warning Limits	
57653-85-7	1,2,3,6,7,8-HxCDD	2.9	Within Warning Limits	
19408-74-3	1,2,3,7,8,9-HxCDD	46.6	Within Warning Limits	
34465-46-8	TOTAL-HxCDD	79.4	Within Warning Limits	
67562-39-4	1,2,3,4,6,7,8-HpCDF	36.4	Within Warning Limits	
55673-89-7	1,2,3,4,7,8,9-HpCDF	19.7	Within Warning Limits	
38998-75-3	TOTAL-HpCDF	63.7	Within Warning Limits	
35822-46-9	1,2,3,4,6,7,8-HpCDD	45.8	Warning High	
37871-00-4	TOTAL-HpCDD	141	Within Warning Limits	
39001-02-0	OCDF	132	Warning High	
3268-87-9	OCDD	448	Action high	

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00530

EPA/CLP No.

NA

Report date: 08/31/1999
Method: NA
Lab name: Paradigm Analytical Laboratories
Labcode: PARADIG Case: NA DAS No. NA
Matrix: SOIL QC Report No.:NA
Sample wt/vol: 10.1 (g/ml) G
Water Sample Prep.:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL) %Solids
GC Column: NA ID: NA (mm)

Contract: NA
SDG: NA
Lab Sample ID: 69815
Lab File ID: NA
Date sample received: 08/05/1999
Date Extracted: 08/06/1999
Date analyzed: 08/12/1999
Dilution Factor: NA

Comments:

Continued from page 1

Concentration Units: ng/Kg (ppt)

PES Compounds Not Evaluated

CAS No	*Compound Name*	*Concentration*	*Evaluation*	*Q*
57117-31-4	2,3,4,7,8-PeCDF	0.609	Not Evaluated	
57117-44-9	1,2,3,6,7,8-HxCDF	1.69	Not Evaluated	
72918-21-9	1,2,3,7,8,9-HxCDF	5.73	Not Evaluated	

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00994

EPA/CLP No.

na

Report date: 08/30/1999
Method: 8290
Lab name: paradigm analytical laboratories
Labcode: PARADIG Case: na DAS No. na
Matrix: SOIL QC Report No.na
Sample wt/vol: 10.0 (g/ml) g.
Water Sample Prep.:
Concentrated Extract Volume: (uL)
Injection Volume: na (uL) %Solids
GC Column: na ID: na (mm)

Contract: na
SDG: HA15
Lab Sample ID: 69830
Lab File ID: na
Date sample received: 08/05/1999
Date Extracted: 08/09/1999
Date analyzed: 08/16/1999
Dilution Factor: na

Comments:

Concentration Units: ng/Kg (ppt)

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
51207-31-9	2,3,7,8-TCDF	0.391	Within Limits	EMPC
55722-27-5	TOTAL-TCDF	0.884	Within Limits	
1746-01-6	2,3,7,8-TCDD	0.309	Within Limits	
41903-57-5	TOTAL-TCDD	0.363	Within Limits	
57117-41-6	1,2,3,7,8-PeCDF	0.263	Within Limits	
57117-31-4	2,3,4,7,8-PeCDF	0.399	Within Limits	
30402-15-4	TOTAL-PeCDF	2.57	Action High	
40321-76-4	1,2,3,7,8-PeCDD	0.0818	Within Limits	
36088-22-9	TOTAL-PeCDD	0.15	Within Limits	
70648-26-9	1,2,3,4,7,8-HxCDF	0.271	Within Limits	
57117-44-9	1,2,3,6,7,8-HxCDF	0.166	Within Limits	
60851-34-5	2,3,4,6,7,8-HxCDF	0.158	Within Limits	
55684-94-1	TOTAL-HxCDF	2.01	Within Limits	
57653-85-7	1,2,3,6,7,8-HxCDD	0.12	Within Limits	
19408-74-3	1,2,3,7,8,9-HxCDD	0.14	Within Limits	
34465-46-8	TOTAL-HxCDD	0.874	Within Limits	
67562-39-4	1,2,3,4,6,7,8-HpCDF	1.14	Within Limits	
55673-89-7	1,2,3,4,7,8,9-HpCDF	0.0978	Within Limits	
38998-75-3	TOTAL-HpCDF	2.25	Within Limits	
35822-46-9	1,2,3,4,6,7,8-HpCDD	1.31	Within Limits	
37871-00-4	TOTAL-HpCDD	2.6	Within Limits	
39001-02-0	OCDF	1.19	Within Limits	
3268-87-9	OCDD	11.3	Within Limits	

09/07/99 15:14 US EPA → 915084359641 NO.030 008

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00531

EPA/CLP No.

na

Report date: 08/30/1999

Method: 8290

Lab name: paradigm analytical lab0ratories

Labcode: PARADIG Case: na DAS No. na

Matrix: SOIL QC Report No. na

Sample wt/vol: 10.4 (g/ml) G

Water Sample Prep.:

Concentrated Extract Volume: na (uL)

Injection Volume: na (uL) %Solids

GC Column: na ID: na (mm)

Contract: na

SDG: HA15

Lab Sample ID: 69829

Lab File ID: na

Date sample received: 08/05/1999

Date Extracted: 08/09/1999

Date analyzed: 08/16/1999

Dilution Factor: na

Comments:

Concentration Units: ng/Kg (ppt)

PES Compounds Reported

CAS No.	*Compound Name*	*Concentration*	*Evaluation*	*Q*
51207-31-9	2,3,7,8-TCDF	5.18	Within Warning Limits	
55722-27-5	TOTAL-TCDF	129	Within Warning Limits	
1746-01-6	2,3,7,8-TCDD	31.8	Within Warning Limits	
1903-67-5	TOTAL-TCDD	77	Within Warning Limits	
57117-41-6	1,2,3,7,8-PeCDF	27	Within Warning Limits	
30402-15-4	TOTAL-PeCDF	32.6	Within Warning Limits	
40321-76-4	1,2,3,7,8-PeCDD	24.1	Within Warning Limits	
36088-22-9	TOTAL-PeCDD	44.8	Within Warning Limits	
70648-26-9	1,2,3,4,7,8-HxCDF	29.9	Within Warning Limits	
60851-34-5	2,3,4,6,7,8-HxCDF	24.5	Within Warning Limits	
55684-94-1	TOTAL-HxCDF	69.3	Within Warning Limits	
39227-28-6	1,2,3,4,7,8-HxCDD	24.2	Within Warning Limits	
57653-85-7	1,2,3,6,7,8-HxCDD	3.22	Within Warning Limits	
19408-74-3	1,2,3,7,8,9-HxCDD	52.1	Within Warning Limits	
34465-46-8	TOTAL-HxCDD	87.9	Within Warning Limits	
67562-39-4	1,2,3,4,6,7,8-HpCDF	46.7	Within Warning Limits	
55673-89-7	1,2,3,4,7,8,9-HpCDF	21.9	Within Warning Limits	
38998-75-3	TOTAL-HpCDF	75.6	Within Warning Limits	
35822-46-9	1,2,3,4,6,7,8-HpCDD	33.9	Within Warning Limits	
37871-00-4	TOTAL-HpCDD	119	Within Warning Limits	
39001-02-0	OCDF	119	Within Warning Limits	
3268-87-9	OCDD	239	Within Warning Limits	

09/07/99 15:14 US EPA → 915084359641 NO.030 D11

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00531

EPA/CLP No.

na

Report date: 08/30/1999
Method: 8290
Lab name: paradigm analytical lab0ratories
Laboode: PARADIG Case: na DAS No. na
Matrix: SOIL QC Report No.:na
Sample wt/vol: 10.4 (g/ml) G
Water Sample Prep.:
Concentrated Extract Volume: na (uL)
Injection Volume: na (uL) %Solids
GC Column: na ID: na (mm)

Contract: na
SDG: HA15
Lab Sample ID: 69829
Lab File ID: na
Date sample received: 08/05/1999
Date Extracted: 08/09/1999
Date analyzed: 08/16/1999
Dilution Factor: na

Comments:

Concentration Units: ng/Kg (ppt)

Continued from page 1

PES Compounds Not Evaluated

CAS No	*Compound Name*	*Concentration*	*Evaluation*	*Q*
57117-31-4	2,3,4,7,8-PeCDF	0.783	Not Evaluated	
57117-44-9	1,2,3,6,7,8-HxCDF	2.73	Not Evaluated	
72918-21-9	1,2,3,7,8,9-HxCDF	6.46	Not Evaluated	

09/07/99 15:14 US EPA → 915084359641 NO.030 D12

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00282

EPA/CLP No.

na

Report date: 08/30/1999
Method: 8290
Lab name: paradigm analytical laboratories
Labcode: PARADIG Case: na DAS No. na
Matrix: SOIL QC Report No.na
Sample wt/vol: 10.2 (g/ml) g
Water Sample Prep.:
Concentrated Extract Volume: (uL)
Injection Volume: na (uL) %Solids
GC Column: na ID: na (mm)

Contract: na
SDG: HA16
Lab Sample ID: 70367
Lab File ID: na
Date sample received: 08/14/1999
Date Extracted: 08/16/1999
Date analyzed: 08/19/1999
Dilution Factor: na

Comments:

Concentration Units: ng/Kg (ppt)

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
51207-31-9	2,3,7,8-TCDF	2.72	Within Warning Limits	
55722-27-5	TOTAL-TCDF	143	Within Warning Limits	
1746-01-6	2,3,7,8-TCDD	6.35	Within Warning Limits	
11903-57-5	TOTAL-TCDD	14.1	Within Warning Limits	
67117-41-5	1,2,3,7,8-PeCDF	69.5	Within Warning Limits	
57117-31-4	2,3,4,7,8-PeCDF	19.9	Within Warning Limits	
30402-15-4	TOTAL-PeCDF	92.4	Within Warning Limits	
40321-76-4	1,2,3,7,8-PeCDD	9.59	Within Warning Limits	
36088-22-9	TOTAL-PeCDD	9.59	Within Warning Limits	
70648-26-9	1,2,3,4,7,8-HxCDF	18.7	Within Warning Limits	
72918-21-9	1,2,3,7,8,9-HxCDF	46.4	Within Warning Limits	
60851-34-5	2,3,4,6,7,8-HxCDF	48.5	Within Warning Limits	
55684-94-1	TOTAL-HxCDF	120	Within Warning Limits	
39227-28-6	1,2,3,4,7,8-HxCDD	5.43	Within Warning Limits	
57653-85-7	1,2,3,6,7,8-HxCDD	10.9	Within Warning Limits	
34465-46-8	TOTAL-HxCDD	20.5	Within Warning Limits	
55673-89-7	1,2,3,4,7,8,9-HpCDF	50.9	Within Warning Limits	
38998-75-3	TOTAL-HpCDF	61	Within Warning Limits	
35822-46-9	1,2,3,4,6,7,8-HpCDD	71	Within Warning Limits	
37871-00-4	TOTAL-HpCDD	99	Within Warning Limits	
39001-02-0	OCDF	21.1	Within Warning Limits	
3268-87-9	OCDD	315	Within Warning Limits	

09/07/99 15:14 US EPA → 915084355964 1 NO.030 D09

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00282

EPA/CLP No.

na

Report date: 08/30/1999
Method: 8290
Lab name: paradigm analytical laboratories
Labcode: PARADIG Case: na DAS No. na
Matrix: SOIL QC Report No. na
Sample wt/vol: 10.2 (g/ml) g
Water Sample Prep.:
Concentrated Extract Volume: (uL)
Injection Volume: na (uL) %Solids
GC Column: na ID: na (mm)

Contract: na
SDG: HA16
Lab Sample ID: 70367
Lab File ID: na
Date sample received: 08/14/1999
Date Extracted: 08/16/1999
Date analyzed: 08/19/1999
Dilution Factor: na

Comments:

Continued from page 1

Concentration Units: ng/Kg (ppt)

PES Compounds Not Evaluated

CAS No	*Compound Name*	*Concentration*	*Evaluation*	*Q*
57117-44-9	1,2,3,6,7,8-HxCDF	1.64	Not Evaluated	
19408-74-3	1,2,3,7,8,9-HxCDD	2.07	Not Evaluated	
67562-39-4	1,2,3,4,6,7,8-HpCDF	4.97	Not Evaluated	

09/07/99 15:14 US EPA → 915084359641 NO.030 D10

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00987

EPA/CLP No.

na

Report date: 09/09/1999
Method: 8290
Lab name: Paradigm Analytical Laboratories
Labcode: PARADIG Case: NA DAS No. NA
Matrix: SOIL QC Report No.:NA
Sample wt/vol: 10.2 (g/ml) g
Water Sample Prep.:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL) %Solids
GC Column: NA ID: NA (mm)

Contract: NA
SDG: HA16
Lab Sample ID: 70368
Lab File ID: NA
Date sample received: 09/14/1999
Date Extracted: 09/16/1999
Date analyzed: 09/19/1999
Dilution Factor: NA

Comments:

Concentration Units: ng/Kg (ppt)

PES Compounds Reported

CAS No.	*Compound Name*	*Concentration*	*Evaluation*	*Q*
1746-01-6	2,3,7,8-TCDD	0.0684	Within Limits	EMPC
35822-46-9	1,2,3,4,6,7,8-HpCDD	0.28	Within Limits	EMPC
37871-00-4	TOTAL-HpCDD	0.241	Within Limits	
3268-87-9	OCDD	1.71	Within Limits	

09/09/99 11:49 US EPA → 915084359641 NO.010 D02

EPA/CLP No.

69256

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00939

S-1

Report date: / /
Method: 8290
Lab name: Paradygm
Labcode: NA Case: G344-13 DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: 10.2g (g/ml) g
Water Sample Prep.:
Concentrated Extract Volume: (uL)
Injection Volume: (uL) %Solids
GC Column: ID: (mm)

Contract:
SDG: ~~NA~~ HA12 AB 8/27/99
Lab Sample ID: 69255
Lab File ID: b31jul99a_3-
Date sample received: 07/29/1999
Date Extracted: 07/29/1999
Date analyzed: 08/01/1999
Dilution Factor: 1

Comments:
Centerdale Manor Site

Concentration Units: ng/Kg (ppt)

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
1746-01-6	2,3,7,8-TCDD	0.11	Within Limits	
41903-57-5	TOTAL-TCDD	0.11	Within Limits	
57117-41-6	1,2,3,7,8-PeCDF	0.0707	Within Limits	
40321-76-4	1,2,3,7,8-PeCDD	0.055	Within Limits	
36088-22-9	TOTAL-PeCDD	0.0589	Within Limits	
70648-26-9	1,2,3,4,7,8-HxCDF	0.0727	Within Limits	
72918-21-9	1,2,3,7,8,9-HxCDF	0.0806	Within Limits	
60851-34-5	2,3,4,6,7,8-HxCDF	0.0845	Within Limits	
55684-94-1	TOTAL-HxCDF	0.385	Within Limits	
57653-85-7	1,2,3,6,7,8-HxCDD	0.147	Within Limits	
34465-46-8	TOTAL-HxCDD	0.261	Within Limits	
67562-39-4	1,2,3,4,6,7,8-HpCDF	0.0904	Within Limits	
55673-89-7	1,2,3,4,7,8,9-HpCDF	0.0766	Within Limits	
38998-75-3	TOTAL-HpCDF	0.0904	Within Limits	
35822-46-9	1,2,3,4,6,7,8-HpCDD	0.0544	Within Limits	
37871-00-4	TOTAL-HpCDD	0.36	Within Limits	
39001-02-0	OCDF	0.147	Within Limits	
3268-87-9	OCDD	1.14	Within Limits	

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00276

EPA/CLP No.

69254

Report date: / /
Method: 8290
Lab name: Paradygm
Labcode: NA Case: G344-13 DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: 10.1g (g/ml) g
Water Sample Prep.: Cont
Concentrated Extract Volume: (uL)
Injection Volume: (uL) %Solids
GC Column: ID: (mm)

Contract:
SDG: NA HA 12 A3 | 8/27/99
Lab Sample ID:
Lab File ID: b31jul99a_3-
Date sample received: 07/29/1999
Date Extracted: 07/29/1999
Date analyzed: 08/01/1999
Dilution Factor: 1

Comments:

Concentration Units: ng/Kg (ppt)

PES Compounds Reported

CAS No.	*Compound Name*	*Concentration*	*Evaluation*	*Q*
51207-31-9	2,3,7,8-TCDF	3.03	Within Warning Limits	
55722-27-5	TOTAL-TCDF	164	Within Warning Limits	
1746-01-6	2,3,7,8-TCDD	7.47	Within Warning Limits	
41903-57-5	TOTAL-TCDD	15.6	Within Warning Limits	
57117-41-6	1,2,3,7,8-PeCDF	73.5	Warning High	
57117-31-4	2,3,4,7,8-PeCDF	22.9	Warning High	
30402-15-4	TOTAL-PeCDF	99.9	Within Warning Limits	
40321-76-4	1,2,3,7,8-PeCDD	11.4	Within Warning Limits	
36088-22-9	TOTAL-PeCDD	12.7	Within Warning Limits	
70648-26-9	1,2,3,4,7,8-HxCDF	24.2	Within Warning Limits	
72918-21-9	1,2,3,7,8,9-HxCDF	59	Within Warning Limits	
60851-34-5	2,3,4,6,7,8-HxCDF	58.6	Within Warning Limits	
55684-94-1	TOTAL-HxCDF	149	Within Warning Limits	
39227-28-6	1,2,3,4,7,8-HxCDD	7.1	Within Warning Limits	
57653-85-7	1,2,3,6,7,8-HxCDD	14.1	Warning High	
34465-46-8	TOTAL-HxCDD	34.1	Within Warning Limits	
55673-89-7	1,2,3,4,7,8,9-HpCDF	58.7	Warning High	
38998-75-3	TOTAL-HpCDF	69.5	Warning High	
35822-46-9	1,2,3,4,6,7,8-HpCDD	82.5	Within Warning Limits	
37871-00-4	TOTAL-HpCDD	112	Warning High	
39001-02-0	OCDF	29.5	Warning High	
3268-87-9	OCDD	315	Within Warning Limits	

08/26/99 12:18 NO.011 D04

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: N55UH3
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G170134-08
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: HA09
Date Received: 07/16/99
Date Analyzed: 08/04/99

TCL HITS
2,3,7,8-TCDD WITHIN WARNING LIMITS 0.990

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

CMB

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: NKQ533
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G190163016
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: HA10
Date Received: 07/17/99
Date Analyzed: 08/05/99

TCL HITS
2,3,7,8-TCDD WITHIN WARNING LIMITS 0.620

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

DIOXIN/FURAN

EVALUATION REPORT FOR PES

LQE968

EPA/CLP No.

na

Report date: 09/01/1999
Method: 8280
Lab name: quanterra
Labcode: QUANTER Case: na DAS No. na
Matrix: SOIL QC Report No.:NA
Sample wt/vol: NA (g/ml) NA
Water Sample Prep.:
Concentrated Extract Volume: NA (uL)
Injection Volume: NA (uL) %Solids
GC Column: na ID: na (mm)

Contract: na
SDG: HA11
Lab Sample ID: G9G310142-01
Lab File ID: NA
Date sample received: 07/31/1999
Date Extracted: 08/16/1999
Date analyzed: 08/18/1999
Dilution Factor: 1

Comments:

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	*Compound Name*	*Concentration*	*Evaluation*	*Q*
1746-01-6	2,3,7,8-TCDD	~~0.0020~~ 9/2/99	Within Limits	ND

09/07/99 15:14 US EPA → 915084355964 1 NO.030 D06

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: RAK679
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9G170130-08
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: HA08
Date Received: 07/15/99
Date Analyzed: 08/03/99

TCL HITS

2,3,7,8-TCDD	WITHIN WARNING LIMITS	0.450	J

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

DIOXIN/FURAN

EVALUATION REPORT FOR PES
PC00276

EPA/CLP No.

69254

Report date: / /
Method: 8290
Lab name: Paradygm
Labcode: NA Case: G344-13 DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: 10.1g (g/ml) g
Water Sample Prep.: Cont
Concentrated Extract Volume: (uL)
Injection Volume: (uL) %Solids
GC Column: ID: (mm)

Contract:
SDG: ~~NA~~ HA12 AS 8/27/99
Lab Sample ID:
Lab File ID: b31jul99a_3-
Date sample received: 07/29/1999
Date Extracted: 07/29/1999
Date analyzed: 08/01/1999
Dilution Factor: 1

Comments:

Concentration Units: ng/Kg (ppt)

Continued from page 1

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
57117-44-9	1,2,3,6,7,8-HxCDF	1.4	Not Evaluated	
19408-74-3	1,2,3,7,8,9-HxCDD	2.84	Not Evaluated	
67562-39-4	1,2,3,4,6,7,8-HpCDF	4.81	Not Evaluated	

08/26/99 12:18 NO.011 D05

HB

DIOXINS/FURANS
Method 8290

PES SAMPLE NUMBER: PC00939
EPA SAMPLE NUMBER: NA

Lab Name: PARADIGM ANALYTICAL LABORATORY Contract: NA
Lab Code: PARAD Case No: NA DAS No: NA SDG No: HAI2
Lab Sample ID: 69255 Date Received: 07/29/99
Lab File ID: NA Date Analyzed: 08/01/99

TCL HITS

1,2,3,7,8-PeCDF	WITHIN WARNING LIMITS	0.071
1,2,3,7,8-PeCDD	WITHIN WARNING LIMITS	0.055
1,2,3,4,7,8-HxCDF	WITHIN WARNING LIMITS	0.073
1,2,3,6,7,8-HxCDD	WITHIN WARNING LIMITS	0.147
2,3,4,6,7,8-HxCDF	WARNING LOW	0.085
1,2,3,7,8,9-HxCDF	ACTION LOW	0.000
1,2,3,4,6,7,8-HpCDF	ACTION LOW	0.000
1,2,3,4,6,7,8-HpCDD	WITHIN WARNING LIMITS	0.198
1,2,3,4,7,8,9-HpCDF	WITHIN WARNING LIMITS	0.077
OCDD	WITHIN WARNING LIMITS	1.140
OCDF	WITHIN WARNING LIMITS	0.147
TOTAL-HxCDD	WITHIN WARNING LIMITS	0.261
TOTAL-HpCDD	ACTION LOW	0.000
TOTAL-PeCDF	WITHIN WARNING LIMITS	0.198
TOTAL-HxCDF	WITHIN WARNING LIMITS	0.385
TOTAL-HpCDF	WITHIN WARNING LIMITS	0.090
TOTAL-PeCDD	WITHIN WARNING LIMITS	0.059

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

DIOXINS/FURANS
Method 8290

PES SAMPLE NUMBER: PC00276
EPA SAMPLE NUMBER: NA

Lab Name: PARADIGM ANALYTICAL LABORATORY Contract: NA
Lab Code: PARAD Case No: NA DAS No: NA SDG No: HAI2
Lab Sample ID: 69254 Date Received: 07/29/99
Lab File ID: NA Date Analyzed: 08/01/99

TCL HITS

2,3,7,8-TCDD	WITHIN WARNING LIMITS	7.470
2,3,7,8-TCDF	WITHIN WARNING LIMITS	3.030
1,2,3,7,8-PeCDF	ACTION HIGH	73.500
1,2,3,7,8-PeCDD	WITHIN WARNING LIMITS	11.400
2,3,4,7,8-PeCDF	WITHIN WARNING LIMITS	22.900
1,2,3,4,7,8-HxCDF	WITHIN WARNING LIMITS	24.200
1,2,3,6,7,8-HxCDF	WITHIN WARNING LIMITS	1.400
1,2,3,4,7,8-HxCDD	WITHIN WARNING LIMITS	7.100
1,2,3,6,7,8-HxCDD	WITHIN WARNING LIMITS	14.100
1,2,3,7,8,9-HxCDD	WITHIN WARNING LIMITS	2.840
2,3,4,6,7,8-HxCDF	WITHIN WARNING LIMITS	58.600
1,2,3,7,8,9-HxCDF	WARNING HIGH	59.000
1,2,3,4,6,7,8-HpCDF	WITHIN WARNING LIMITS	4.810
1,2,3,4,6,7,8-HpCDD	WARNING HIGH	82.500
1,2,3,4,7,8,9-HpCDF	WARNING HIGH	58.700
OCDD	WITHIN WARNING LIMITS	315.000
OCDF	WITHIN WARNING LIMITS	29.500
TOTAL-TCDD	WITHIN WARNING LIMITS	15.600
TOTAL-HxCDD	WITHIN WARNING LIMITS	34.100
TOTAL-HpCDD	WARNING HIGH	112.000
TOTAL-TCDF	WITHIN WARNING LIMITS	164.000
TOTAL-PeCDF	WITHIN WARNING LIMITS	99.900
TOTAL-HxCDF	WITHIN WARNING LIMITS	149.000
TOTAL-HpCDF	WITHIN WARNING LIMITS	69.500
TOTAL-PeCDD	WITHIN WARNING LIMITS	12.700

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

IT

CHAIN OF CUSTODY RECORD

9|9

COC # 782893001 ✓

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
(401) 231-1300
WO# 782893
EPA Contract 68-R1-98-01

(a)

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No: 1 of 1
Cooler #:9901
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-152	BW/-150	Soil	06/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		AS CALLED LAB ON 6/22/99 TO ADD PCBs TO THE ANALYSIS
	A	CMS-152	BW/-150	Soil	06/21/99	8 oz glass/4 C	8280-TCDD, "		
	A	CMS-152	BW/-150	Soil	06/21/99	8 oz glass/4 C	8280-TCDD, "		
	A	CMS-400	AW/-135	Soil	06/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-400	AW/-135	Soil	06/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-400	AW/-135	Soil	06/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-400	AW/-135	Soil	06/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-400	AW/-135	Soil	06/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-400	AW/-135	Soil	06/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		

COPY

Special Instructions:
5 day TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-9		6/21/99	FED X	6/21/99	1730						

AIRBILL # 807113547814

IT

CHAIN OF CUSTODY RECORD

COC # 3782893002 ✓

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
(401) 231-1300
WO# 782893
EPA Contract 68-R1-98-01

18

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:68-1353
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	99062[illegible]-GP-01	Equipment Rinsate 153-A	Water	06/22/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]53-A	AW/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]53-B	AW/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]53-C	AW/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]53-C-MS	AW/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-[illegible]53-C-SD	AW/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-[illegible]01-A	0/-118	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]01-B	0/-118	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]01-C	0/-118	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]01-D	0/-118	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	F173[illegible]	TCDD PE Sample	Soil	06/22/99	2 oz glass/4 C	8280-TCDD		
	A	GP01[illegible]D	Field Duplicate 153-B	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	TT00[illegible]4	PCB PE Sample	Soil	06/22/99	2 oz glass/4 C	8082-PCBs		

COPY

Special Instructions:
add samples CMS-400-A, B, C, D, E, F (COC 782893001) to this sdg.
SDG # GP01 5 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
13	[signature]	6/22/99	FED-X	6/22/99	1800						

IT

CHAIN OF CUSTODY RECORD

COC # 3782893003 ✓

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

14

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: ____ of ____
Cooler #:68-1353
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-153-D	AW/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-153-E	AW/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-153-F	AW/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-102-A	0/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-102-B	0/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-102-C	0/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-102-D	0/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-102-E	0/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-102-F	0/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-103-A	AW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-103-B	AW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-103-C	AW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-103-D	AW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-103-E	AW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		

Special Instructions:
SDG GP02 - SDG IS STILL OPEN-MORE SAMPLES WILL BE SHIPPED TO COMPLETE SDG

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
14	[signature]	6/22/99	FED-X	6/22/99	1800						

IT

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

CHAIN OF CUSTODY RECORD

COC # 3782893004

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: ____ of ____
Cooler #:68-496
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990622-FA-01	Equipment Rinsate 154-C	Water	06/22/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-15[illegible]-A	0/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-15[illegible]-B	0/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-15[illegible]-B-MS	AE/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-15[illegible]-B-SD	AE/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-15[illegible]-C	0/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-15[illegible]-A	AE/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-15[illegible]-B	AE/-150	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-16[illegible]-A	0/-200	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-16[illegible]-B	0/-200	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-16[illegible]-C	0/-200	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-164-A	BE/-200	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-164-A	BE/-200	Soil	06/22/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	B			Soil	06/22/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-164-A	BE/-200	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	HA01-FD	Field Duplicate 162A-FD						

COPY

REFERENCE COC:

Special Instructions:
5 DAY TAT - COMPLETES SDG HA01
ADD SAMPLES CMS-152-A,B TO THIS SDG (COC 782893001)

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
15	[signature]	6/22/99	FED-X	6/22/99	1800						

IT

CHAIN OF CUSTODY RECORD

COC # 3782893005 ✓

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

(6)

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #: 4845
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990622 GP-02 404-A	Equipment Rinsate	Water	06/22/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-4 4-A	BW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-4 4-A-MS	BW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-4 4-A-SD	BW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	GP02-FD	Field Duplicate 404-A	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	MDS3 (1)	TCDD PE Sample	Soil	06/22/99	2 oz glass/4 C	8280-TCDD		
	A	TT003 2 (1)	PCB PE Sample	Soil	06/22/99	2 oz glass/4 C	8082-PCBs		

COPY

Special Instructions:
5 DAY TAT
THIS COMPLETES SDG GP0
ADD SAMPLES FROM COC 2893003 (SHIPPED 6/22/99) TO THIS SDG

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
#17	[signature]	6/23/99	FedX	6/23/99	1700						

AIRBILL # 807113547803

IT

CHAIN OF CUSTODY RECORD

COC # 782893006

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

(5)

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: ____ of ____
Cooler #:48-454
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-100-A		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-100-B		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-100-C		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-101-A		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-101-B		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		

COPY

REFERENCE COC:

Special Instructions:
COMPLETES SDG HA01
5 DAY TAT

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
5	[signature]	6/23/99	FED X	6/23/99	1700						

AIRBILL # 807113547803

IT

CHAIN OF CUSTODY RECORD

COC # 3782893007

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #: 68-885
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990622-GP-03	Equipment Rinsate	Water	06/22/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-404-B	BW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-404-C	BW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-404-D	BW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-404-E	BW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-404-F	BW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-404-F-MS	BW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-404-F-SD	BW/-50	Soil	06/22/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-409-A		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-409-B		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-409-C		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-409-D		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-410-A		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-410-B		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-410-C		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-410-D		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-410-E		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-410-F		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	GP03-FD	Field Duplicate	Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	STF461	TCDD PE Sample	Soil	06/24/99	2 oz glass/4 C	8280-TCDD		
	A	TT0081	PCB PE Sample	Soil	06/24/99	2 oz glass/4 C	8082-PCBs		

Special Instructions:
10 DAY TAT
THIS IS SDG GP03 (COMPLETE

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
		6/24/99	FED-X	6/24/99	1730						

IT

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

COPY

CHAIN OF CUSTODY RECORD

COC # 782893008

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: _____ of _____
Cooler #:IT-003
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990623-I-A-01	Equipment Rinsate	Water	06/23/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	BWE185	TCDD PE Sample	Soil	06/24/99	2 oz glass/4 C	8280-TCDD		
	A	CMS-13 A		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-14 A		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-14 A		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-14 A		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-14 B		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-14 C		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-14 A		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-15 A		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-15 A-MS		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-15 A-SD		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-17 A		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-23 A		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-23 B		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-23 A		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-23 B		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-24 A		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-24 B		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	HA02-FE	Field Duplicate	Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	TT00357	PCB PE Sample	Soil	06/24/99	2 oz glass/4 C	8082-PCBs		

Special Instructions:
10 DAY TAT
THIS IS COMPLETE SDG HA0

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
			Fed X								

IT

CHAIN OF CUSTODY RECORD

COC # 782893009

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: ____/of ____/
Cooler #:Q68-242, IT004
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990623-GP-01	Equipment Rinsate	Water	06/23/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	B	990623-GP-01	Equipment Rinsate	Water	06/23/99	1 L Amber/4 C	SW846-SVOCs/Pest/Herb		
	C	990623-GP-01	Equipment Rinsate	Water	06/23/99	500 ml poly/HNO3, pH<2	6010/7000-TAL Metals		
	D	990623-GP-01	Equipment Rinsate	Water	06/23/99	1 L poly/NaOH	9012-Cyanide		
	E	990623-GP-01	Equipment Rinsate	Water	06/23/99	2-40ml VOA/HCl	8260-VOCs		
	A	CMS-237-A	25W/-175	Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-237-A	25W/-175	Soil	06/23/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-237-A	25W/-175	Soil	06/23/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-237-B	25W/-175	Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-237-B	25W/-175	Soil	06/23/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-237-B	25W/-175	Soil	06/23/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-237-C	25W/-175	Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-237-C	25W/-175	Soil	06/23/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-237-C	25W/-175	Soil	06/23/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-405-A	0/-100	Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-405-A	0/-100	Soil	06/23/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-405-A	0/-100	Soil	06/23/99	Encore, 5ml/4 C	8260-VOCs		

Special Instructions:
10 DAY TAT MULTIPLE COOLERS
COMPLETES GP04
ADD SAMPLE CMS-164-A (COC #82893004) TO THIS SDG
ADDITIONAL PEs SENT TO LAB FOR ARRIVAL 6/24/99

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-7	[signature]	6/24/99	[signature]	6/24/99	1730						

IT

CHAIN OF CUSTODY RECORD

COC # 782893009

COPY

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 2 of 4
Cooler #: Q68-242, IT004
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-405-A-MS	0/-100	Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	B	CMS-405-A-MS	0/-100	Soil	06/23/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb	Y	
	C	CMS-405-A-MS	0/-100	Soil	06/23/99	Encore, 5ml/4 C	8260-VOCs	Y	
	A	CMS-405-A-SD	0/-100	Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	B	CMS-405-A-SD	0/-100	Soil	06/23/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb	Y	
	C	CMS-405-A-SD	0/-100	Soil	06/23/99	Encore, 5ml/4 C	8260-VOCs	Y	
	A	CMS-405-B	0/-100	Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-405-B	0/-100	Soil	06/23/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-405-B	0/-100	Soil	06/23/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-405-C	0/-100	Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-405-C	0/-100	Soil	06/23/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-405-C	0/-100	Soil	06/23/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-405-D	0/-100	Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-405-D	0/-100	Soil	06/23/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-405-D	0/-100	Soil	06/23/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-405-E	0/-100	Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		

Special Instructions:
10 DAY TAT MULTIPLE COOLERS
COMPLETES GP04
ADD SAMPLE CMS-164-A (COC 782893004) TO THIS SDG
ADDITIONAL PEs SENT TO LAB FOR ARRIVAL 6/24/99

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-16	[signature]	6/24/99	FED-X	6/24/99	1730						

IT

CHAIN OF CUSTODY RECORD

COC # 782893009

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: 3 of 4
Cooler #:Q68-242, IT004
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	B	CMS-405-[illegible]	0/-100	Soil	06/23/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-405-[illegible]	0/-100	Soil	06/23/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-417-A		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-417-A		Soil	06/24/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-417-A		Soil	06/24/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-417-B		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-417-B		Soil	06/24/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-417-B		Soil	06/24/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-417-C		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-417-C		Soil	06/24/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-417-C		Soil	06/24/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-417-D		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-417-D		Soil	06/24/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-417-D		Soil	06/24/99	Encore, 5ml/4 C	8260-VOCs		
	A	GP04-FD	Field Duplicate	Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	GP04-FD	Field Duplicate	Soil	06/23/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		

Special Instructions:
10 DAY TAT MULTIPLE COOLERS
COMPLETES GP04
ADD SAMPLE CMS-164-A (COC #82893004) TO THIS SDG
ADDITIONAL PEs SENT TO LAB FOR ARRIVAL 6/24/99

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-16	[signature]	6/24/99	Fed X	6/24/99	1730						

IT

CHAIN OF CUSTODY RECORD

COC # 782893009

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: 4 of 4
Cooler #:Q68-242, IT004
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	C	GP04-FD	Field Duplicate	Soil	06/23/99	Encore, 5ml/4 C	8260-VOCs		
	A	ICC0061	Metals PE Sample	Soil	06/24/99	2 oz glass/4 C	6010/7000-TAL Metals		
	A	TB99062	Trip Blank	Water	06/24/99	40 ml VOA/4 C	8260-VOCs		
	A	TT05558	PCB PE Sample	Soil	06/24/99	2 oz glass/4 C	8082-PCBs		
	A	W532DP	TCDD PE Sample	Soil	06/24/99	2 oz glass/4 C	8280-TCDD		

Special Instructions:
10 DAY TAT MULTIPLE COOLERS
COMPLETES GP04
ADD SAMPLE CMS-164-A (COC 782893004) TO THIS SDG
ADDITIONAL PEs SENT TO LAB FOR ARRIVAL 6/24/99

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-5	[signature]	6/24/99	FED-X	6/24/99	1730						

IT

CHAIN OF CUSTODY RECORD

COC # DROPSHIP01

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: ____ of ____
Cooler #:DROPSHIP
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	PE-ERA 320-353	VOC/SVOC/Pest PE Sample	Soil	06/23/99	PE KIT/4 C	SW846-VOCs/SVOCs/Pest		
	A	PE-ERA-341-240	Cyanide PE Sample	Soil	06/23/99	2 oz glass/4 C	9012-Cyanide		
	A	PE-RTC CRM803	PE Sample-Herbicides	Soil	06/23/99	4 oz glass/4 C	8150-Herbicides		

Special Instructions:
DROP-SHIPPED PEs FOR SDG GP04

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time

IT

CHAIN OF CUSTODY RECORD

COC # 782893010

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: ____ of ____
Cooler #:IT-005
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	99062-- GP-01	Equipment Rinsate	Water	06/24/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-409-E		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-409-F		Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-411-A		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-411-B		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-411-C		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-411-D		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-411-E		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-413-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-413-B		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-413-C		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-413-C-MS		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-413-C-SD		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-414-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-414-B		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-414-C		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-414-D		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	GP05 D	Field Duplicate	Soil	06/23/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	TT05-07	PCB PE Sample	Soil	06/25/99	2 oz glass/4 C	8082-PCBs		
	A	UQ[illegible]3	TCDD PE Sample	Soil	06/25/99	2 oz glass/4 C	8280-TCDD		

Special Instructions:
SDG GP05 COMPLETE
10-DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-20	[signature]	6/25/99	FED-X	6/25/99	1700						

IT

CHAIN OF CUSTODY RECORD

COC # 782893011

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: 1 of 1
Cooler #:IT-006
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	99062[illegible]-HA-01	Equipment Rinsate	Water	06/24/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS [illegible]31-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS [illegible]68-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS [illegible]68-B		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS [illegible]68-C		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS [illegible]69-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS [illegible]69-A-MS		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS [illegible]69-A-SD		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS [illegible]70-A		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS [illegible]70-B		Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]75-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS [illegible]75-B		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS [illegible]75-C		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]75-D		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]77-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]40-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]41-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS [illegible]41-B		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	DYO[illegible]3	TCDD PE Sample	Soil		2 oz glass/4 C	8280-TCDD		
	A	HA03 FD	Field Duplicate	Soil	06/24/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	TT01 [illegible]58	PCB PE Sample	Soil		2 oz glass/4 C	8082-PCBs		

Special Instructions:
SDG HA03 COMPLETE
10 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-31	[signature]	6/25/99	FED-X	6/25/99	1700						

IT

CHAIN OF CUSTODY RECORD

COC # 782893012

Page No.: 1 of 1

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Cooler #:PD-01
Lab: Pardigm
Contact: Mike Larkins
(910)350-1903

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-14 C-QC	Split Sample	Soil	06/24/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-15 B-QC	Split Sample	Soil	06/22/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-16 B-QC	Split Sample	Soil	06/23/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-17 A-QC	Split Sample	Soil	06/25/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-40 A-QC	Split Sample	Soil	06/22/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-40 C-QC	Split Sample	Soil	06/23/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-40 F-QC	Split Sample	Soil	06/23/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-41 E-QC	Split Sample	Soil	06/24/99	8 oz glass/4 C	8280-TCDD		

Special Instructions:
SDG QC01

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-8	[signature]	6/25/99	FED-X	6/25/99	1730						

IT

CHAIN OF CUSTODY RECORD

COC # 782893013

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
IT-003 Cooler #: 666
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990625-GP-01	Equipment Rinsate	Water	06/25/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-13[illegible]-B		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-13[illegible]-C		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-13[illegible]-D		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-41[illegible]-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-41[illegible]-B		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-41[illegible]-C		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-41[illegible]-D		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-41[illegible]-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-41[illegible]-B		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-41[illegible]-C		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-41[illegible]-D		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-41[illegible]-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-41[illegible]-A-MS		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-41[illegible]-A-SD		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-41[illegible]-B		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-41[illegible]-C		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-41[illegible]-D		Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	GP06-F	Field Duplicate	Soil	06/25/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	SFJ966	TCDD PE Sample	Soil	06/28/99	2 oz glass/4 C	8280-TCDD		
	A	TT0049	PCB PE Sample	Soil	06/28/99	2 oz glass/4 C	8082-PCBs		

COPY

Special Instructions:
SDG GP06
~~10 DAY TAT~~
5 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
[illegible]	[signature]	6/28/99	FedX	6/28/99	1700						

IT

CHAIN OF CUSTODY RECORD

COC # 782893014

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 4
Cooler #:666 & B154
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990628-CP-01	Equipment Rinsate	Water	06/28/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	B	990628-CP-01	Equipment Rinsate	Water	06/28/99	1 L Amber/4 C	SW846-SVOCs/Pest/Herb		
	C	990628-CP-01	Equipment Rinsate	Water	06/28/99	500 ml poly/HNO3, pH<2	6010/7000-TAL Metals		
	D	990628-CP-01	Equipment Rinsate	Water	06/28/99	1 L poly/NaOH	9012-Cyanide		
	E	990628-CP-01	Equipment Rinsate	Water	06/28/99	2-40ml VOA/HCl	8260-VOCs		
	A	CMS-089-A		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		PID=0 ppm
	B	CMS-089-A		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-089-A		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-089-B		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-089-B		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-089-B		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-089-C		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-089-C		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-089-C		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-089-D		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-089-D		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-089-D		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		

REFERENCE COC: COPY

Special Instructions:
SDG GP07
10 DAY TAT

Items/Reason	Relinquished By	Date	Received By	Date	Time
1-17	[signature]	6/28/99	FED-X	6/28/99	1700

Items/Reason	Relinquished By	Date	Received By	Date	Time

IT

CHAIN OF CUSTODY RECORD

COC # 782893014

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 2 of 4
Cooler #:666 & B154
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-098-A		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		PID=0ppm
	B	CMS-098-A		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-098-A		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-142-A		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		PID=0ppm
	B	CMS-142-A		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-142-A		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-142-A-MS		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	B	CMS-142-A-MS		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb	Y	
	C	CMS-142-A-MS		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs	Y	
	A	CMS-142-A-SD		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	B	CMS-142-A-SD		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb	Y	
	C	CMS-142-A-SD		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs	Y	
	A	CMS-173-A		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		PID=0ppm
	B	CMS-173-A		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-173-A		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-173-B		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		

Special Instructions:
SDG GP07
10 DAY TAT

REFERENCE COC: COPY

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-16	[signature]	6/28/99	FedEx	6/28/99	1700						

IT

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

CHAIN OF CUSTODY RECORD

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COC # 782893014

Page No 3 of 4
Cooler #:666 & B154
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sampl #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	B	CMS-173-[illegible]		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		PID= 0ppm
	C	CMS-173-[illegible]		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-407-[illegible]		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		PID= 12 ppm
	B	CMS-407-[illegible]		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-407-[illegible]		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-407-[illegible]		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		PID = 27 ppm
	B	CMS-407-[illegible]		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-407-[illegible]		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-407-[illegible]		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		PID= 15 ppm
	B	CMS-407[illegible]		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-407[illegible]		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-407[illegible]		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		PID= 6ppm
	B	CMS-407[illegible]		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-407[illegible]		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-408[illegible]		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		PID=22ppm
	B	CMS-408 A		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		

REFERENCE COC: COPY

Special Instructions:
SDG GP07
10 DAY TAT

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-16	[signature]	6/28/99	FedX	6/28/99	1700						

IT

CHAIN OF CUSTODY RECORD

COC # 782893014

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO#. 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 4 of 4
Cooler #:666 & B154
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	C	CMS-40 A		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		PID=22 ppm
	A	CMS-40 B		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		PID=39 ppm
	B	CMS-40 B		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-40 B		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-40 C		Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		PID=75 ppm
	B	CMS-40 C		Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-40 C		Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	CWA28	TCDD PE Sample	Soil	06/28/99	2 oz glass/4 C	8280-TCDD		
	A	GP07-F	Field Duplicate	Soil	06/28/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	GP07-F	Field Duplicate	Soil	06/28/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	GP07-F	Field Duplicate	Soil	06/28/99	Encore, 5ml/4 C	8260-VOCs		
	A	ICC0007	Metals PE Sample	Soil	06/28/99	2 oz glass/4 C	6010/7000-TAL Metals		
	A	LOT241	PE Sample-Cyanide	Soil	06/28/99	2 oz glass/4 C	9012-Cyanide		
	A	LOT354	PE Sample-VOCs/SVOCs/Pest	Soil	06/28/99	PE KIT/4 C	SW846-VOCs/SVOCs/Pest		
	A	LOTGF8 3	PE Sample-Herbicides	Soil		4 oz glass/4 C	8150-Herbicides		
	A	TB99062	Trip Blank	Water	06/28/99	40 ml VOA/4 C	8260-VOCs		
	A	TT03825	PCB PE Sample	Soil	06/28/99	2 oz glass/4 C	8082-PCBs		

Special Instructions:
SDG GP07
10 DAY TAT

REFERENCE COC:

COPY

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-17	[signature]	6/28/99	FedX	6/28/99	1700						

IT

CHAIN OF CUSTODY RECORD

COC # 782893015

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:IT-004
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	5WS40[illegible]2	TCDD PE Sample	Soil	06/29/99	2 oz glass/4 C	8280-TCDD		
	A	990625[illegible]HA-01	Equipment Rinsate	Water	06/25/99	1 L Amber/4 C	8280-TCDD		
	A	CMS-0[illegible]4-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-0[illegible]4-B		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-0[illegible]4-C		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-1[illegible]9-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-1[illegible]7-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-1[illegible]5-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-1[illegible]9-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-1[illegible]9-A-MS		Soil	06/25/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-1[illegible]9-A-SD		Soil	06/25/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-1[illegible]0-A		Soil	06/25/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-1[illegible]0-B		Soil	06/25/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-1[illegible]7-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-1[illegible]8-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-1[illegible]5-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-1[illegible]6-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-1[illegible]7-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-1[illegible]2-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	HA04-[illegible]D	Field Duplicate	Soil	06/25/99	8 oz glass/4 C	8280-TCDD		

COPY

Special Instructions:
SDG HA04 COMPLETE, 10 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-20	[signature]	6/29/99	FED-X	6/30/99	1700						

IT

CHAIN OF CUSTODY RECORD

COC # 782893016

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:IT057
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	6JX7[illegible]3	TCDD PE Sample	Soil	06/29/99	2 oz glass/4 C	8280-TCDD		
	A	99062[illegible]-GP-01	Equipment Rinsate	Water	06/29/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-076-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-076-B		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-081-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-081-B		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-082-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-082-B		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-094-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-102-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-102-B		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-132-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-132-B		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-406-A		Soil	06/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-406-A-MS		Soil	06/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-406-A-SD		Soil	06/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-406-B		Soil	06/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-406-C		Soil	06/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-406-D		Soil	06/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	GP08[illegible]D	Field Duplicate	Soil	06/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	TT033[illegible]4	PCB PE Sample	Soil	06/29/99	2 oz glass/4 C	8082-PCBs		

COPY

Special Instructions:
SDG GP08, 10 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-21	[signature]	6/29/99	FED-X	6/29/99	1700						

IT

CHAIN OF CUSTODY RECORD

COC # 782893017

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: 1 of 1
Cooler #:246
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990630-GP-01	Equipment Rinsate	Water	06/30/99	1 L Amber/4 C	8280-TCDD		
	A	CMS-069-A		Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-069-A-MS		Soil	06/30/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-069-A-SD		Soil	06/30/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-069-B		Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-069-C		Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-069-D		Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-069-E		Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-069-F		Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-069-G		Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-069-H		Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-075-A		Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-075-B		Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-075-C		Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-075-D		Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-076-C		Soil	06/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-093-A		Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	GP10-FD	Field Duplicate	Soil	06/30/99	8 oz glass/4 C	8280-TCDD		
	A	QER817	TCDD PE Sample	Soil	06/30/99	2 oz glass/4 C	8280-TCDD		

Special Instructions:
SDG GP10, 10 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-11	[signature]	7/1/99	FED X	7/1/99	1745						

IT

CHAIN OF CUSTODY RECORD

COC # 782893018

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: 1 of 3
Cooler #: 68-1370 & 68-1355
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990630-FRA-01	Equipment Rinsate	Water	06/30/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	B	990630-FRA-01	Equipment Rinsate	Water	06/30/99	1 L Amber/4 C	SW846-SVOCs/Pest/Herb		
	C	990630-FRA-01	Equipment Rinsate	Water	06/30/99	500 ml poly/HNO3, pH<2	6010/7000-TAL Metals		
	D	990630-FRA-01	Equipment Rinsate	Water	06/30/99	1 L poly/NaOH	9012-Cyanide		
	A	B247WC	TCDD PE Sample	Soil	06/30/99	2 oz glass/4 C	8280-TCDD		
	A	CMS-060-A		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-060-A		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-060-B		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-060-B		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-060-B-MS		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	B	CMS-060-B-MS		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb	Y	
	A	CMS-060-B-SD		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	B	CMS-060-B-SD		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb	Y	
	A	CMS-060-C		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-060-C		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-060-D		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		

Special Instructions:
SDG GP09, 10 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-16	[signature]	7/1/99	FedX	7/4/99	1745						

IT

CHAIN OF CUSTODY RECORD

COC # 782893018

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: 2 of 3
Cooler #:68-1370 & 68-1351
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	B	CMS-060 D		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-060 E		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-060 E		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-118 A		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-118 A		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-118 B		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-118 B		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-118 C		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-118 C		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-118 D		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-118 D		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-118 E		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-118 E		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-159 A		Soil	07/01/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-159 A		Soil	07/01/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		

Special Instructions:
SDG GP09, 10 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-15	[signature]	7/1/99	FED-X	7/1/99	1745						

IT

CHAIN OF CUSTODY RECORD

COC # 782893018

COPY

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 3 of 3
Cooler #:68-1370 & 68-1351
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-19[illegible] A		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-19[illegible] A		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-21[illegible] A		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-21[illegible] A		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-41[illegible] A		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-41[illegible] A		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-41[illegible] B		Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-41[illegible] B		Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	GP09-F[illegible]	Field Duplicate	Soil	06/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	GP09-F[illegible]	Field Duplicate	Soil	06/30/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	ICC0059[illegible]	Metals (Soil) PE Sample	Soil		2 oz glass/4 C	6010/7000-TAL Metals		
	A	LOT240	Cyanide PE Sample	Soil	06/30/99	2 oz glass/4 C	9012-Cyanide		
	A	LOT355	VOC/SVOC/Pest PE Sample	Soil	06/30/99	PE KIT/4 C	SW846-VOCs/SVOCs/Pest		
	A	LOTGF8[illegible]3-2	Herbicides PE Sample	Soil	06/30/99	4 oz glass/4 C	8150-Herbicides		
	A	TT05188	PCB PE Sample	Soil	06/30/99	2 oz glass/4 C	8082-PCBs		

Special Instructions:
SDG GP09, 10 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-15	[illegible]	7/1/99	FEDX	7/1/99	1745						

IT

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 762893
EPA Contract 68-R1-98-01

CHAIN OF CUSTODY RECORD

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COC # 782893019

Page No.: 1 of 1
Cooler #:IT 003
Lab: ESS
Contact: Eric Baanante
(401)461-7181

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	E	990630-FA-01	Equipment Rinsate	Water	06/30/99	2-40ml VOA/HCl	8260-VOCs		
	C	CMS-060-A		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-060-B		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-060-B-MS		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs	Y	
	C	CMS-060-B-SD		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs	Y	
	C	CMS-060-C		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-060-D		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-060-E		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-118-A		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-118-B		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-118-C		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-118-D		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-118-E		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-159-A		Soil	07/01/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-19-A		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-21-A		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-41-A		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-41-B		Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	C	GP09-FD	Field Duplicate	Soil	06/30/99	Encore, 5ml/4 C	8260-VOCs		
	A	TB990701	Trip Blank	Water	07/01/99	40 ml VOA/4 C	8260-VOCs		

REFERENCE COC:

Special Instructions:
SDG GP09, VOC samples.
Encore samples to be preserved by ESS labs* then shipped to Quanterra.
*except low-level for samples CMS-159-A, CMS-118-C, CMS-118-D, and CMS-118-E

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-20	[signature]	7/1/99				1-20	[signature]	7/1/99	[signature]	7/1/99	1529
1-20	[signature]	7/1/99	FED-X	7/1/99	1745						

IT

CHAIN OF CUSTODY RECORD

COC # 782893020

COPY

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: ___ of ___
Cooler #:1901
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990702-GP-01	Equipment Rinsate	Water	07/02/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-420 A		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-420 A-MS		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-420 A-SD		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-420 B		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-420 C		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-420 D		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-422 A		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-422 B		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-422 C		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-422 D		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-424 A		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-424 B		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-424 C		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-424 D		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-424 E		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-424 F		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-424 G		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	GP11-FD	Field Duplicate	Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	IXB687	TCDD PE Sample	Soil	07/02/99	2 oz glass/4 C	8280-TCDD		
	A	TT05555	PCB PE Sample	Soil	07/02/99	2 oz glass/4 C	8082-PCBs		

Special Instructions:
SDG GP11, 10 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-21	[signature]	7/2/99	FED X	7/2/99	1500						

IT

CHAIN OF CUSTODY RECORD

COC # 782893021

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:IT-L01
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	C	CMS-427 B		Soil	07/06/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-427 B-MS		Soil	07/06/99	Encore, 5ml/4 C	8260-VOCs	Y	
	C	CMS-427 B-SD		Soil	07/06/99	Encore, 5ml/4 C	8260-VOCs	Y	
	C	CMS-427 D		Soil	07/06/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-427 F		Soil	07/06/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-427 H		Soil	07/06/99	Encore, 5ml/4 C	8260-VOCs		
	A	TB99070	Trip Blank	Water	07/06/99	40 ml VOA/4 C	8260-VOCs		hold for analysis

COPY

REFERENCE COC:

Special Instructions:
SDG GP13 Encore samples collected 07/06/99
SDG is open Preserve samples only until SDG complete

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1 - 7	[signature]	7/6/99	FED-X	7/6/99	1600						

USEPA ERT

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

CHAIN OF CUSTODY RECORD

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COC # 782893022

Page No.: 1 of 1
Cooler #:IT-004
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990702-[illegible]-A-01		Water	07/02/99	1 L Amber/4 C	8280-TCDD		
	A	CMS-05[illegible]-A		Soil	07/02/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-05[illegible]-B		Soil	07/02/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-05[illegible]-C		Soil	07/02/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-05[illegible]-A		Soil	07/01/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-05[illegible]-B		Soil	07/01/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-05[illegible]-C		Soil	07/01/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-05[illegible]-D		Soil	07/01/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-06[illegible]-A		Soil	07/02/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-06[illegible]-B		Soil	07/02/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-18[illegible]-A		Soil	07/06/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-18[illegible]-B		Soil	07/06/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-18[illegible]-A		Soil	07/06/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-18[illegible]-B		Soil	07/06/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-18[illegible]-A		Soil	07/06/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-193-A		Soil	07/07/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-193-A-MS		Soil	07/07/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-193-A-SD		Soil	07/07/99	8 oz glass/4 C	8280-TCDD	Y	
	A	HA05-F[illegible]	Field Duplicate	Soil	07/07/99	8 oz glass/4 C	8280-TCDD		
	A	SHM62[illegible]	TCDD PE Sample	Soil	07/07/99	2 oz glass/4 C	8280-TCDD		

Special Instructions:
SDG HA05, 10 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
[illegible]	[signature]	7/7/99	FED-X	7/7/99	1830						

IT

CHAIN OF CUSTODY RECORD

COC # 782893023

COPY

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98 01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 3
Cooler #:68-1153 & IT100
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990707-GP-01	Equipment Rinsate	Water	07/07/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	B	990707-GP-01	Equipment Rinsate	Water	07/07/99	1 L Amber/4 C	SW846-SVOCs/Pest/Herb		
	C	990707-GP-01	Equipment Rinsate	Water	07/07/99	500 ml poly/HNO3, pH<2	6010/7000-TAL Metals		
	D	990707-GP-01	Equipment Rinsate	Water	07/07/99	1 L poly/NaOH	9012-Cyanide		
	E	990707-GP-01	Equipment Rinsate	Water	07/07/99	2-40ml VOA/HCl	8260-VOCs		
	A	BEY813	TCDD PE Sample	Soil	07/07/99	2 oz glass/4 C	8280-TCDD		
	A	CMS-419-B		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-419-B		Soil	07/07/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-419-B		Soil	07/07/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-419-D		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-419-D		Soil	07/07/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-419-D		Soil	07/07/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-419-F		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-419-F		Soil	07/07/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-419-F		Soil	07/07/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-419-H		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-419-H		Soil	07/07/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		

Special Instructions:
SDG GP13 20 DAY TAT
CMS-427-n VOCs previously shipped on COC782893021
PE samples for PCBs and Metals will be drop shipped to lab for arrival on 7/8/99
This completes SDG GP13

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-17	[signature]	7/7/99	FED X	7/7/99	1830						

IT

CHAIN OF CUSTODY RECORD

COC # 782893023

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: 2 of 3
Cooler #:68-1153 & IT100
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	C	CMS-419-H		Soil	07/07/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-423-B		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-423-B		Soil	07/07/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-423-B		Soil	07/07/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-423-D		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-423-D		Soil	07/07/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-423-D		Soil	07/07/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-423-F		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-423-F		Soil	07/07/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-423-F		Soil	07/07/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-423-H		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-423-H		Soil	07/07/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-423-H		Soil	07/07/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-427-B		Soil	07/06/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-427-B		Soil	07/06/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-427-B-MS		Soil	07/06/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	

Special Instructions:
SDG GP13, 20 DAY TAT
CMS-427-n VOCs previously shipped on COC782893021
PE samples for PCBs and Metals will be drop shipped to lab for arrival on 7/8/99
This completes SDG GP13

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-16	[signature]	7/7/99	FedX	7/7/99	1830						

IT

CHAIN OF CUSTODY RECORD

COC # 782893023

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: 3 of 3
Cooler #:68-1153 & IT100
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	B	CMS-427 B-MS		Soil	07/06/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb	Y	
	A	CMS-427 B-SD		Soil	07/06/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	B	CMS-427 B-SD		Soil	07/06/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb	Y	
	A	CMS-427 D		Soil	07/06/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-427 D		Soil	07/06/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-427 F		Soil	07/06/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-427 F		Soil	07/06/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-427 H		Soil	07/06/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-427 H		Soil	07/06/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	GP13-FD	Field Duplicate	Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	GP13-FD	Field Duplicate	Soil	07/07/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	GP13-FD	Field Duplicate	Soil	07/07/99	Encore, 5ml/4 C	8260-VOCs		
	A	LOT241-[illegible]	Cyanide PE Sample	Soil	07/07/99	2 oz glass/4 C	9012-Cyanide		
	A	LOT356	VOC/SVOC/Pest PE Sample	Soil		PE KIT/4 C	SW846-VOCs/SVOCs/Pest		
	A	LOTGFB0[illegible]-3	Herbicides PE Sample	Soil	07/07/99	4 oz glass/4 C	8150-Herbicides		
	A	TB99070	Trip Blank	Water	07/07/99	40 ml VOA/4 C	8260-VOCs		

Special Instructions:
SDG GP13, 20 DAY TAT
CMS-427 n VOCs previously shipped on COC782893021
PE samples for PCBs and Metals will be drop shipped to lab for arrival on 7/8/99
This completes SDG GP13

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-16	[signature]	7/7/99	FEDX	7/7/99	1830						

IT

CHAIN OF CUSTODY RECORD

COC # DROPSHIP02

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: _____ of _____
Cooler #:DROPSHIP
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	241	Cyanide PE Sample	Soil	07/07/99	2 oz glass/4 C	6010/7000-TAL Metals		
	A	PS-95	PCB PE Sample	Soil	07/07/99	2 oz glass/4 C	8082-PCBs		

Special Instructions:
DROP-SHIPPED PEs FOR SDG 3P13

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time

IT

CHAIN OF CUSTODY RECORD

COC # 782893024

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #: QD58
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990707-HA-01	Equipment Rinsate	Water	07/07/99	1 L Amber/4 C	8280-TCDD		
	A	CMS-182-A		Soil	07/07/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-182-A-MS		Soil	07/07/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-182-A-SD		Soil	07/07/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-191-A		Soil	07/07/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-195-A		Soil	07/07/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-195-B		Soil	07/07/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-196-A		Soil	07/07/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-200-A		Soil	07/07/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-202-A		Soil	07/07/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-203-A		Soil	07/07/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-204-A		Soil	07/07/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-208-A		Soil	07/08/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-208-B		Soil	07/08/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-209-A		Soil	07/08/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-213-A		Soil	07/08/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-213-B		Soil	07/08/99	8 oz glass/4 C	8280-TCDD		
	A	HA06-FD	Field Duplicate	Soil	07/07/99	8 oz glass/4 C	8280-TCDD		
	A	SUD912	TCDD PE Sample	Soil	07/08/99	2 oz glass/4 C	8280-TCDD		

REFERENCE COC:

Special Instructions:
SDG HA06, 20 DAY TAT
Extra 8 oz jar included for sample CMS-200-A for percent solids analysis (if required).

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-19	[signature]	7/8/99	FEDX	7/8/99	1730						

IT

CHAIN OF CUSTODY RECORD

COC # 782893025

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:IT-057
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990707-CP-02	Equipment Rinsate	Water	07/07/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	AVR426	TCDD PE Sample	Soil	07/08/99	2 oz glass/4 C	8280-TCDD		
	A	CMS-155 D		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-155 E		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-155 F		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-162 D		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-162 D-MS		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-162 D-SD		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-419 A		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-419 C		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-423 A		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-423 C		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-423 E		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-423 G		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-424 H		Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-427 A		Soil	07/06/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-427 C		Soil	07/06/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-427 E		Soil	07/06/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-427 G		Soil	07/06/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	GP12-FD	Field Duplicate	Soil	07/02/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		

Special Instructions:
SDG GP12, 20 DAY TAT
PCB PE to be shipped separately

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
20	[signature]	7/9/99	FED X	7/9/99	1730						

IT

CHAIN OF CUSTODY RECORD

COC # 782893026

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:IT-006
Lab: Pardigm
Contact: Mike Larkins
(910)350-1903

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-060-A-QC	Split Sample	Soil	06/30/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-069-B-QC	Split Sample	Soil	06/30/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-142-A-QC	Split Sample	Soil	06/28/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-150-A-QC	Split Sample	Soil	06/25/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-162-D-QC	Split Sample	Soil	07/02/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-191-A-QC	Split Sample	Soil	07/07/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-193-A-QC	Split Sample	Soil	07/07/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-406-C-QC	Split Sample	Soil	06/29/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-416-D-QC	Split Sample	Soil	06/25/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-419-B-QC	Split Sample	Soil	07/07/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-420-C-QC	Split Sample	Soil	07/02/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-421-C-QC	Split Sample	Soil	07/08/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-426-C-QC	Split Sample	Soil	07/07/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-432-C-QC	Split Sample	Soil	07/09/99	4 oz glass/4 C	8280-TCDD		

Special Instructions:
SDG QC02

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
14	[illegible]	7/9/99	FedEx	7/9/99	1500						

IT

CHAIN OF CUSTODY RECORD

COC # 782893027

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:68-1351
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990708-GP-01	Equipment Rinsate	Water	07/08/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-425-A		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-425-B		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-425-C		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-425-D		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-425-E		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-425-F		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-425-G		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-426-A		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-426-A-MS		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-426-A-SD		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-426-B		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-426-C		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-426-D		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-426		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-426-F		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-426-G		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-426-H		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	DFQ278	TCDD PE Sample	Soil	07/09/99	2 oz glass/4 C	8280-TCDD		
	A	GP14-FD	Field Duplicate	Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	TT05781	PCB PE Sample	Soil	07/09/99	2 oz glass/4 C	8082-PCBs		

Special Instructions:
SDG GP14

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-21	[signature]	7/9/99	FedX	7/9/99	1600						

IT

CHAIN OF CUSTODY RECORD

COC # 782893028

ERRS I, Hopkinton, MA
Contact: Andy Schkuts
508 497 6153
WO#: 782893
EPA Contract 68-R1-98-01

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:20
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990708-C P-02	Equipment Rinsate	Water	07/08/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-419 E		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-419 G		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-421 A		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-421 A-MS		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-421 A-SD		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-421 B		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-421 C		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-421 D		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-421 E		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-421 F		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-421 G		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-421 H		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-429 A		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-429 B		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-429 C		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-429 D		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-429 E		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	DXH966	TCDD PE Sample	Soil	07/09/99	2 oz glass/4 C	8280-TCDD		
	A	GP15-FD	Field Duplicate	Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	TT00680	PCB PE Sample	Soil	07/09/99	2 oz glass/4 C	8082-PCBs		

Special Instructions:
SDG GP15
20 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-21	[signature]	7/9/99	Fed X	7/9/99	1600						

IT

CHAIN OF CUSTODY RECORD

COC # 782893029

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:68-1351
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	TT00611	PCB PE Sample	Soil	07/09/99	2 oz glass/4 C	8082-PCBs		

Special Instructions:
THIS COMPLETES SDG GP12
REST OF SDG WAS SHIPPED UNDER COC 78289025
RECEIVED AT LAB ON 7/9/99

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1	[signature]	7/9/99	Fed X	7/9/99	1600						

IT

CHAIN OF CUSTODY RECORD

COC # 782893030

COPY

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 2
Cooler #:B154
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	99070[illegible] GP-01	Equipment Rinsate	Soil	07/09/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]25-H		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]29-F		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]29-G		Soil	07/07/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]29-H		Soil	07/08/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]30-A		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]30-B		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]30-C		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]31-A		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]31-B		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]31-C		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]32-A		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]32-A-MS		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-[illegible]32-A-SD		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-[illegible]32-B		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]32-C		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]32-D		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]32-E		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]33-A		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-[illegible]33-B		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		

Special Instructions:
SDG GP16, 20 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-20	[illegible]	7/12/99	FEDEX AIRBILL 807113547663	7/12/99							

IT

COPY

CHAIN OF CUSTODY RECORD

COC # 782893030

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 2 of 2
Cooler #:B154
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-433-C		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-433-D		Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	GP16-D	Field Duplicate	Soil	07/09/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	M7552	TCDD PE Sample	Soil	07/09/99	2 oz glass/4 C	8280-TCDD		
	A	TT01447	PCB PE Sample	Soil	07/09/99	2 oz glass/4 C	8082-PCBs		

Special Instructions:
SDG GP16, 20 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-5	[illegible]	7/12/99	FED EX AIRBILL 807113547663	7/12/99							

IT

COPY

CHAIN OF CUSTODY RECORD

COC # 782893031

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497 6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:IT-003
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990712-[illegible]-A-01	Equipment Rinsate	Soil	07/12/99	1 L Amber/4 C	8280-TCDD		
	A	CMS-10[illegible]-A		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-12[illegible]-A		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-20[illegible]-A		Soil	07/12/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-20[illegible]-B		Soil	07/12/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-20[illegible]-C		Soil	07/12/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-20[illegible]-A		Soil	07/12/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-20[illegible]-B		Soil	07/12/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-20[illegible]-C		Soil	07/12/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-20[illegible]-D		Soil	07/12/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-21[illegible]-A		Soil	07/12/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-21[illegible]-B		Soil	07/12/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-21[illegible]-A		Soil	07/12/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-21[illegible]-A		Soil	07/12/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-21[illegible]-A-MS		Soil	07/12/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-21[illegible]-A-SD		Soil	07/12/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-21[illegible]-B		Soil	07/12/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-43[illegible]-A		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	HA07-F[illegible]	Field Duplicate	Soil	07/12/99	8 oz glass/4 C	8280-TCDD		
	A	VTD514	TCDD PE Sample	Soil	07/12/99	2 oz glass/4 C	8280-TCDD		

Special Instructions:
SDG HA07 20 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-20	[illegible]	7/13/99	FEDERAL EXPRESS	7/13/99	1500						

IT

CHAIN OF CUSTODY RECORD

COC # 782893032

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:IT-100
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	99071[illegible]-HA-01	Equipment Rinsate	Water	07/13/99	1 L Amber/4 C	8280-TCDD		
	A	CMS-[illegible]35-A		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]35-A-MS		Soil	07/13/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-[illegible]35-A-SD		Soil	07/13/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-[illegible]36-A		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]36-B		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]37-A		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]37-B		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]37-C		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]37-D		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]38-A		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]38-B		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]39-A		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]39-B		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]40-A		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]41-A		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]41-B		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-[illegible]42-A		Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	HA08 FD	Field Duplicate	Soil	07/13/99	8 oz glass/4 C	8280-TCDD		
	A	RAK[illegible]79	TCDD PE Sample	Soil	07/14/99	2 oz glass/4 C	8280-TCDD		

Special Instructions:
SDG HA08
20 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-20	[illegible]	7/14/99	FEDERAL EXPRESS	7/14/99							

IT

CHAIN OF CUSTODY RECORD

COC # 782893033

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: 1 of 1
Cooler #:IT 004
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	9907014 HA-01	Equipment Rinsate	Water	07/14/99	1 L Amber/4 C	8280-TCDD		
	A	CMS-019-A		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-019-A-MS		Soil	07/14/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-019-A-SD		Soil	07/14/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-019-B		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-019-C		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-019-D		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-019-F		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-019-G		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-02[illegible]-A		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-02[illegible]-B		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-023-A		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-024-B		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-02[illegible]-A		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-02[illegible]-B		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-44[illegible]-A		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-44[illegible]-A		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-445-A		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	HA09-F[illegible]	Field Duplicate	Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	N55UH[illegible]	TCDD PE Sample	Soil	07/15/99	2 oz glass/4 C	8280-TCDD		

REFERENCE COC:

Special Instructions:
SDG HA09 20 DAY TAT

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-20	[signature]	7/15/99	FedX	7/15/99	1430						

IT

CHAIN OF CUSTODY RECORD

COC # 782893034

COPY

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:IT L01
Lab: Pardigm
Contact: Mike Larkins
(910)350-1903

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-01[illegible]-B-QC	Split Sample	Soil	07/14/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-02[illegible]-B-QC	Split Sample	Soil	07/14/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-21[illegible]-B-QC	Split Sample	Soil	07/12/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-43[illegible]-A-QC	Split Sample	Soil	07/13/99	4 oz glass/4 C	8280-TCDD		

Special Instructions:
SDG QC04

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-4	[signature]	7/15/99	FED X	7/15/99	1430						

IT

CHAIN OF CUSTODY RECORD

COPY

COC # 782893035

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497 6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #: IT 005
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990715-HA-01	Equipment Rinsate	Water	07/15/99	1 L Amber/4 C	8280-TCDD		
	A	CMS-021 A		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-021 B		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-021 C		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-021 D		~~Water~~ SOIL	~~07/15/99~~ 07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-021-E		~~Water~~ SOIL	~~07/15/99~~ 07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-021-F		~~Water~~ SOIL	~~07/15/99~~ 07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-02 C		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-02 D		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-02 A		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-02 A-MS		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-02 A-SD		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-02 B		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-02 C		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-44 A		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-44 A		Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	HA10-FL	Field Duplicate	Soil	07/14/99	8 oz glass/4 C	8280-TCDD		
	A	NKQ533	TCDD PE Sample	Soil	07/15/99	2 oz glass/4 C	8280-TCDD		

Special Instructions:
SDG HA10 20 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-18	[signature]	7/16/99	FedX	7/16/99	1430						

IT

CHAIN OF CUSTODY RECORD

COC # 782893036

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:IT-010, IT-011
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	C	CMS-455-C		Soil	07/19/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-455-C-MS		Soil	07/19/99	Encore, 5ml/4 C	8260-VOCs	Y	
	C	CMS-455-C-SD		Soil	07/19/99	Encore, 5ml/4 C	8260-VOCs	Y	
	C	CMS-455-E		Soil	07/19/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-455-F		Soil	07/19/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-455-H		Soil	07/19/99	Encore, 5ml/4 C	8260-VOCs		
	C	CMS-455-J		Soil	07/19/99	Encore, 5ml/4 C	8260-VOCs		
	C	GP17-FD	Field Duplicate	Soil	07/19/99	Encore, 5ml/4 C	8260-VOCs		
	A	TB990719	Trip Blank	Water	07/19/99	40 ml VOA/4 C	8260-VOCs		

COPY

Special Instructions:
SDG GP17, VOC (Encore) samples
20 DAY TAT

** SDG NOT COMPLETE **

REFERENCE COC:

FEDX AIRBILL #807113547608

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1/9	[illegible]	7/19/99	FED-EXPRESS	7/19/99	1700						

IT

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

CHAIN OF CUSTODY RECORD

COPY

COC # 782893037

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 4
Cooler #:68-1247, 68-1410
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990720-G[illegible]-01	Equipment Rinsate	Water	07/20/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	B	990720-G[illegible]-01	Equipment Rinsate	Water	07/20/99	1 L Amber/4 C	SW846-SVOCs/Pest/Herb		
	C	990720-G[illegible]-01	Equipment Rinsate	Water	07/20/99	500 ml poly/HNO3, pH<2	6010/7000-TAL Metals		
	D	990720-G[illegible]-01	Equipment Rinsate	Water	07/20/99	1 L poly/NaOH	9012-Cyanide		
	E	990720-G[illegible]-01	Equipment Rinsate	Water	07/20/99	2-40ml VOA/HCl	8260-VOCs		
	A	CMS-428-B		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-428-B		Soil	07/20/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-428-B		Soil	07/20/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-428-D		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-428-D		Soil	07/20/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-428-D		Soil	07/20/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-428-F		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-428-F		Soil	07/20/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-428-F		Soil	07/20/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-449-F		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-449-F		Soil	07/20/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-449-F		Soil	07/20/99	Encore, 5ml/4 C	8260-VOCs		

Special Instructions:
SDG GP17, 20 DAY TAT
(2nd OF 2 SHIPMENTS)

THIS SHIPMENT COMPLETES SDG GP17.
FIRST SHIPMENT SENT VIA FED EX ON 7/19/99

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1/7	[illegible]	7/20/99	FEDERAL EXP. 807113547582	7/20/99	1745						

IT

CHAIN OF CUSTODY RECORD

COPY

COC # 782893037

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 2 of 4
Cooler #:68-1247, 68-1410
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-449-[illegible]		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-449-[illegible]		Soil	07/20/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-449-[illegible]		Soil	07/20/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-449-J		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-449-[illegible]		Soil	07/20/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-449-[illegible]		Soil	07/20/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-451-[illegible]		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-451-[illegible]		Soil	07/20/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-451-[illegible]		Soil	07/20/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-451-[illegible]		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-451-[illegible]		Soil	07/20/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-451-[illegible]		Soil	07/20/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-451-[illegible]		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-451-J		Soil	07/20/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-451-[illegible]		Soil	07/20/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-455-[illegible]		Soil	07/19/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		

Special Instructions:
SDG GP17, 20 DAY TAT
(2nd OF 2 SHIPMENTS)

THIS SHIPMENT COMPLETES SDG GP17.
FIRST SHIPMENT SENT VIA FED EX ON 7/19/99.

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
[illegible]	[illegible]	7/20/99	FED EX 582 307:13547[illegible]	7/20/99	1745						

IT

CHAIN OF CUSTODY RECORD

COPY

COC # 782893037

Page No.: 3 of 4

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Cooler #:68-1247, 68-1410
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	B	CMS-455		Soil	07/19/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-455 -MS		Soil	07/19/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	B	CMS-455 -MS		Soil	07/19/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb	Y	
	A	CMS-455 -SD		Soil	07/19/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	B	CMS-455 -SD		Soil	07/19/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb	Y	
	A	CMS-455		Soil	07/19/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-455		Soil	07/19/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-455		Soil	07/19/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-455		Soil	07/19/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-455 H		Soil	07/19/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-455 H		Soil	07/19/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-455 I		Soil	07/19/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-455 I		Soil	07/19/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	CMS-456 A		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-456 A		Soil	07/20/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		

REFERENCE COC:

Special Instructions:
SDG GP17, 20 DAY TAT
(2nd OF 2 SHIPMENTS)

THIS SHIPMENT COMPLETES SDG GP17
FIRST SHIPMENT SENT VIA FED EX ON 7/19/99

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
		7/20/99	FEDEX 807115547575	7/20/99	1245						

IT

CHAIN OF CUSTODY RECORD

COPY

COC # 782893037

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:68-1247, 68-1410
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	C	CMS-456-A		Soil	07/20/99	Encore, 5ml/4 C	8260-VOCs		
	A	CMS-456-B		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-456-B		Soil	07/20/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	C	CMS-456-B		Soil	07/20/99	Encore, 5ml/4 C	8260-VOCs		
	A	GP17-FD	Field Duplicate	Soil	07/19/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	GP17-FD	Field Duplicate	Soil	07/19/99	8 oz glass/4 C	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	ICC01050	Metals PE Sample	Soil	07/20/99	2 oz glass/4 C	6010/7000-TAL Metals		
	A	LOT239-A	Cyanide PE Sample	Soil	07/20/99	2 oz glass/4 C	9012-Cyanide		
	A	LOT355-X	VOC/SVOC/Pest PE Sample	Soil	07/20/99	PE KIT/4 C	SW ~~SW846-SVOCs-PAH/Pest~~ SW846-VOCs/SVOCs/Pest		
	A	LOTGF803-4	Herbicides PE Sample	Soil	07/20/99	4 oz glass/4 C	8150-Herbicides		
	A	NDV917	Blank Soil PE Sample	Soil	07/20/99	2 oz glass/4 C	8280-TCDD		
	A	TB990720	Trip Blank	Water	07/20/99	40 ml VOA/4 C	8260-VOCs		
	A	TT05556	PCB PE Sample	Soil	07/20/99	2 oz glass/4 C	8082-PCBs		

-made edit to data base
7/22/99 - 1020
[signature]

Special Instructions:
SDG GP17, 20 DAY TAT
(2nd OF 2 SHIPMENTS)

THIS SHIPMENT COMPLETES SDG GP17
FIRST SHIPMENT SENT VIA FED EX ON 7/19/99

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1/3	[signature]	7/20/99	FEDEX AIRBILL 307113547 ~~593~~ 582	7/21/99	1745						

IT

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

CHAIN OF CUSTODY RECORD COPY

COC # 782893038

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: _____ of _____
Cooler #:68-516
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990720-CP-02	Equipment Rinsate	Water	07/20/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-428 A		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-428 A-MS		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-428 A-SD		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-428 C		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-428 E		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-448 D		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-448 E		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-448 F		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-449 E		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-449 G		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-449 I		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-451 E		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-451 G		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-451 I		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-455 D		Soil	07/19/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-455 G		Soil	07/19/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-455 I		Soil	07/19/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	GP18-FD	Field Duplicate	Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	RJO275	TCDD PE Sample	Soil	07/20/99	2 oz glass/4 C	8280-TCDD		
	A	TT01448	PCB PE Sample	Soil	07/20/99	2 oz glass/4 C	8082-PCBs		

Special Instructions:
SDG GP18 20 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1/21	[illegible]	7/21/99	FEDERAL EXPRESS	7/21/99	1600						

IT

CHAIN OF CUSTODY RECORD

COC # 782893039

COPY

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-0

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Q68-242 Cooler #:
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990721-GP-01	Equipment Rinsate	Water	07/21/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-448-G		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-448-H		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-448-I		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-448-J		Soil	07/20/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-450-D		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-450-E		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-450-F		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-450-G		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-450-H		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-453-D		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-453-D-MS		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-453-D-SD		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-454-B		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-454-C		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-454-D		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-454-E		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-454-F		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	GP19-FD	Field Duplicate	Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	UH446	TCDD PE Sample	Soil		2 oz glass/4 C	8280-TCDD		
	A	TT05583	PCB PE Sample	Soil		2 oz glass/4 C	8082-PCBs		

Special Instructions:
SDG GP19 20 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-21	[signature]	7/21/99	FedX	7/21/99	1600						

IT

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

CHAIN OF CUSTODY RECORD

COC # 782893040

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: 1 of 1
Cooler #:68-1370
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990721-CP-02	Equipment Rinsate	Water	07/21/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-450		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-450 J		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-452 E		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-452 E-MS		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-452 E-SD		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-452 F		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-452 G		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-452 H		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-452 I		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-452 J		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-453 E		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-453 F		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-453 G		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-453 H		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-453 I		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-453 J		Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	GP20-FD	Field Duplicate	Soil	07/21/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	LOF865	TCDD PE Sample	Soil		2 oz glass/4 C	8280-TCDD		
	A	TT05587	PCB PE Sample	Soil		2 oz glass/4 C	8082-PCBs		

REFERENCE COC:

Special Instructions:
SDG GP20
20-DAY TAT

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
[illegible]	[signature]	7/22/99	FedX	7/22/99	1530						

IT

CHAIN OF CUSTODY RECORD

COC # 782893041

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: 1 of 3
Cooler #:Q-68-1400/48-160
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990722-AD-01	Equipment Rinsate	Water	07/22/99	1 L Amber/4 C	8290-PCDD/PCDF		
	B	990722-AD-01	Equipment Rinsate	Water	07/22/99	1 L Amber/4 C	8270-PAHs		
	C	990722-AD-01	Equipment Rinsate	Water	07/22/99	1 L Amber/4 C	SW846-Pest/PCBs/TOC		
	D	990722-AD-01	Equipment Rinsate	Water	07/22/99	500 ml poly/HNO3, pH<2	6010/7000-RCRA Metals		
	A	AD-01-A		Soil	07/22/99	8 oz glass/4 C	8290-PCDD/PCDF		
	B	AD-01-A		Soil	07/22/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2		
	A	AD-01-B		Soil	07/22/99	8 oz glass/4 C	8290-PCDD/PCDF		
	B	AD-01-B		Soil	07/22/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2		
	A	AD-01-C		Soil	07/22/99	8 oz glass/4 C	8290-PCDD/PCDF		
	B	AD-01-C		Soil	07/22/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2		
	A	AD-02-A		Soil	07/21/99	8 oz glass/4 C	8290-PCDD/PCDF		
	B	AD-02-A		Soil	07/21/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2		
	A	AD-02-B		Soil	07/21/99	8 oz glass/4 C	8290-PCDD/PCDF		
	B	AD-02-B		Soil	07/21/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2		
	A	AD-02-C		Soil	07/21/99	8 oz glass/4 C	8290-PCDD/PCDF		
	B	AD-02-C		Soil	07/21/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2		

Special Instructions:
SDG AD01
20-DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-16	[signature]	7/22/99	FedX	7/22/99	1530						

IT

CHAIN OF CUSTODY RECORD

COC # 782893041

COPY

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 2 of 3
Cooler #: Q-68-1400/48-160
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	AD-03-A		Soil	07/20/99	8 oz glass/4 C	8290-PCDD/PCDF		
	B	AD-03-A		Soil	07/20/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2		
	A	AD-03-C		Soil	07/20/99	8 oz glass/4 C	8290-PCDD/PCDF		
	B	AD-03-C		Soil	07/20/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2		
	A	AD-04-A		Sediment	07/19/99	8 oz glass/4 C	8290-PCDD/PCDF		
	B	AD-04-A		Sediment	07/19/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2		
	A	AD-04-A-MS		Sediment	07/19/99	8 oz glass/4 C	8290-PCDD/PCDF	Y	
	B	AD-04-A-MS		Sediment	07/19/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2	Y	
	A	AD-04-A-SD		Sediment	07/19/99	8 oz glass/4 C	8290-PCDD/PCDF	Y	
	B	AD-04-A-SD		Sediment	07/19/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2	Y	
	A	AD-04-B		Sediment	07/19/99	8 oz glass/4 C	8290-PCDD/PCDF		
	B	AD-04-B		Sediment	07/19/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2		
	A	AD-04-C		Sediment	07/19/99	8 oz glass/4 C	8290-PCDD/PCDF		
	B	AD-04-C		Sediment	07/19/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2		
	A	AD-05-A		Sediment	07/20/99	8 oz glass/4 C	8290-PCDD/PCDF		

Special Instructions:
SDG AD01
20-DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-15	[signature]	7/22/99	Fed X	7/22/99	1530						

IT

CHAIN OF CUSTODY RECORD

COC # 782893041

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: 3 of 3
Cooler #: Q-68-1400/48-160
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	B	AD-05-A		Sediment	07/20/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2		
	A	AD01-FD	Field Duplicate	Sediment	07/19/99	8 oz glass/4 C	8290-PCDD/PCDF		
	B	AD01-FD	Field Duplicate	Sediment	07/19/99	8 oz glass/4 C	SW846-Metals-RCRA/PAHs-8270/Pest/PCBs/TOCx2		
	A	ICC00744	Metals PE Sample	Soil		2 oz glass/4 C	6010/7000-TAL Metals		
	A	LOT354-Y	VOC/SVOC/Pest PE Sample	Soil		PE KIT/4 C	SW846-SVOCs-PAH/Pest		
	A	PC01512	PCDD PE Sample	Soil		2 oz glass/4 C	8290-PCDD/PCDF		
	A	TT05585	PCB PE Sample	Soil		2 oz glass/4 C	8082-PCBs		
		PC00326	PCDD/PCDF	Soil	7/	2 oz glass/4C	PCDD/PCDF-8290		

Special Instructions:
SDG AD01
20-DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-7	[signature]	7/22/99	FedX	7/22/99	1530						

IT

CHAIN OF CUSTODY RECORD

COC # 782893042

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497 6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: 1 of 1
Cooler #:IT 010
Lab: Pardigm
Contact: Mike Larkins
(910)350-1903

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	AD-04-A-QC	Split Sample	Sediment	07/19/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-215-C-1-QC	Split Sample	Soil	07/22/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-426-E-QC	Split Sample	Soil	07/20/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-452-E-QC	Split Sample	Soil	07/21/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-453-D-QC	Split Sample	Soil	07/21/99	4 oz glass/4 C	8280-TCDD		
	A	CMS-455-F-QC	Split Sample	Soil	07/19/99	4 oz glass/4 C	8280-TCDD		

Special Instructions:
SDG QC05 20 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
	[illegible]	7/23/99	FedX	7/23/99	1430						

IT

CHAIN OF CUSTODY RECORD

COC # 782893043

ERRS I Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: ____ of ____
Cooler #:BOX-1
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	PC023.6	8290-PCDD/PCDF PE Sample	Soil		2 oz glass/4 C	8290-PCDD/PCDF		

Special Instructions:
SDG AD01 20 DAY TAT
ADDITION TO COC NO 78[illegible]6041

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time

IT

CHAIN OF CUSTODY RECORD

COC # 782893044

COPY

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:68-1370
PARADIGM Lab: ~~Quanterra~~ SM
MIKE LARKINS Contact: ~~Robert Hrabak~~ SM
410.350.1903 ~~(916)374-4453~~ SM

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990727 HA-01	Equipment Rinsate	Water	07/27/99	1 L Amber/4 C	8290-PCDD/PCDF		
	A	CMS-450-A	22 Aldrich St.	Soil	07/23/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-451-A	22 Aldrich St.	Soil	07/23/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-452-A	18 Aldrich St.	Soil	07/23/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-452-A-MS		Soil	07/23/99	8 oz glass/4 C	8290-PCDD/PCDF	Y	
	A	CMS-452-A-SD		Soil	07/23/99	8 oz glass/4 C	8290-PCDD/PCDF	Y	
	A	CMS-453-A	18 Aldrich St.	Soil	07/23/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-454-A	15 Centerdale Ave.	Soil	07/23/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-455-A	15 Centerdale Ave.	Soil	07/23/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-456-A	34 Centerdale Ave.	Soil	07/23/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-457-A	34 Centerdale Ave.	Soil	07/23/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-468-A	500 Woonasquatucket	Soil	07/27/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-469-A	550 Woonasquatucket	Soil	07/27/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-470-A	550 Woonasquatucket	Soil	07/27/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-470-B	550 Woonasquatucket	Soil	07/27/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-471-A	550 Woonasquatucket	Soil	07/27/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-471-B	550 Woonasquatucket	Soil	07/27/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	HA12-FD	Field Duplicate	Soil	07/23/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	PC00276	8290 PE Sample	Soil		2 oz glass/4 C	8290-PCDD/PCDF		
	A	PC00939	8290 PE Sample	Soil		2 oz glass/4 C	8290-PCDD/PCDF		

REFERENCE COC:

Special Instructions:
SDG HA12
SM ~~20-DAY TAT~~ TAT A: AGREED TO BY A. SCHKUTA
5-DAY FOR THIS SDG
10-DAY FOR OTHER

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time

FEDX AIRBILL NO. 811913631488

USEPA ERT

CHAIN OF CUSTODY RECORD

COC # 782893045

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:666
Lab: Paradigm
Contact: Mike Larkins
(910)350-1903

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990729-EA-01	Equipment Rinsate	Water	07/29/99	1 L Amber/4 C	8290-PCDD/PCDF		
	A	CMS-471 C	550 Woonasquatucket	Soil	07/27/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-472 A	44 Stevens St.	Soil	07/27/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-473 A	512 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-474 A	512 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-474 B	512 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-474 C	512 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-475 A	518 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-476 A	518 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-476-A-MS	518 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF	Y	
	A	CMS-476-A-SD	518 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF	Y	
	A	CMS-477 A	518 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-477 B	518 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-477 C	518 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-478 A	572 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-479 A	572 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-480 A	572 Woonasquatucket	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	HA13-FD	Field Duplicate	Soil	07/29/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	PC00270	8290 PE Sample	Soil		2 oz glass/4 C	8290-PCDD/PCDF		
	A	PC00983	8290 PE Sample	Soil		2 oz glass/4 C	8290-PCDD/PCDF		

Special Instructions:
SDG HA13
10-DAY TAT
HOLD SAMPLES UNTIL NOTIFIED TO PROCEED WITH ANALYSES

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-20	[signature]	8/4/99	FedX	8/4/99	1500						

IT

COPY

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

CHAIN OF CUSTODY RECORD

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COC # 782893046

Page No.: 1 of 1
Cooler #: #-00
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990722 HA-01	Equipment Rinsate	Water	07/22/99	1 L Amber/4 C	8280-TCDD		
	A	CMS-2 5-A-1		Soil	07/22/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-2 5-A-1-MS		Soil	07/22/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-2 5-A-1-SD		Soil	07/22/99	8 oz glass/4 C	8280-TCDD	Y	
	A	CMS-2 5-B-1		Soil	07/22/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-2 5-C-1		Soil	07/22/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-2 5-D-1		Soil	07/22/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-4 7-A	Allendale Apts.	Soil	07/22/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-4 8-A	Allendale Apts.	Soil	07/22/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-4 9-A	Allendale Apts.	Soil	07/22/99	8 oz glass/4 C	8280-TCDD		
	A	HA11- D	Field Duplicate	Soil	07/22/99	8 oz glass/4 C	8280-TCDD		
	A	LQE965	TCDD PE Sample	Soil		2 oz glass/4 C	8280-TCDD		

Special Instructions:
SDG HA11 20 day TAT

REFERENCE COC:

AIRBILL #811913631477

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time

USEPA ERT

CHAIN OF CUSTODY RECORD

COC # 782893047

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:68-1370
Lab: Paradigm
Contact: Mike Larkins
(910)350-1903

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990730-HA-01	Equipment Rinsate	Water	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--481-A	42 Redfern Street	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--482-A	42 Redfern Street	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--483-A	42 Redfern Street	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--483-B	42 Redfern Street	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--483-C	42 Redfern Street	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--484-A	562 Woonasquatucket Avenu	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--484-A-MS	562 Woonasquatucket Avenu	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF	Y	
	A	CMS--484-A-SD	562 Woonasquatucket Avenu	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF	Y	
	A	CMS--484-B	562 Woonasquatucket Avenu	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--484-C	562 Woonasquatucket Avenu	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--485-A	562 Woonasquatucket Avenu	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--486-A	562 Woonasquatucket Avenu	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--487-A	562 Woonasquatucket Avenu	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--487-B	562 Woonasquatucket Avenu	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--487-C	562 Woonasquatucket Avenu	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS--488-A	530 Woonasquatucket	Soil	08/02/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	HA14 FD	Field Duplicate	Soil	07/30/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	PC00930	8290 PE Sample	Soil		2 oz glass/4 C	8290-PCDD/PCDF		
	A	PC00992	8290 PE Sample	Soil		2 oz glass/4 C	8290-PCDD/PCDF		

Special Instructions:
SDG HA14
10-DAY TAT
HOLD SAMPLES UNTIL NOTIFIED TO PROCEED WITH ANALYSES

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-20	[signature]	8/4/99	FedX	8/4/99	1500						

USEPA ERT

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

COPY

CHAIN OF CUSTODY RECORD

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COC # 782893048

Page No.: 1 of 1
Cooler #:68-1370
Lab: Paradigm
Contact: Mike Larkins
(910)350-1903

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	99080.1-HA-01	Equipment Rinsate	Water	08/02/99	1 L Amber/4 C	8290-PCDD/PCDF		
	A	CMS-489-A	530 Woonasquatucket	Soil	08/02/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-490-A	530 Woonasquatucket	Soil	08/02/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-490-A-MS	530 Woonasquatucket	Soil	08/02/99	8 oz glass/4 C	8290-PCDD/PCDF	Y	
	A	CMS-490-A-SD	530 Woonasquatucket	Soil	08/02/99	8 oz glass/4 C	8290-PCDD/PCDF	Y	
	A	CMS-490-B	530 Woonasquatucket	Soil	08/02/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-491-A	522/524 Woonasquatucket	Soil	08/02/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-492-A	522/524 Woonasquatucket	Soil	08/02/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-493-A	522/524 Woonasquatucket	Soil	08/02/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-493-B	522/524 Woonasquatucket	Soil	08/02/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-493-C	522/524 Woonasquatucket	Soil	08/02/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	HA15-[illegible] D	Field Duplicate	Soil	08/02/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	PC005[illegible]31	8290 PE Sample	Soil		2 oz glass/4 C	8290-PCDD/PCDF		
	A	PC005[illegible]4	8290 PE Sample	Soil		2 oz glass/4 C	8290-PCDD/PCDF		

REFERENCE COC:

Special Instructions:
SDG HA15
10-DAY TAT
HOLD SAMPLES UNTIL NOTIFIED TO PROCEED WITH ANALYSES

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-14	[signature]	8/4/99	FedX	8/4/99	1300						

USEPA ERT

CHAIN OF CUSTODY RECORD

COC # 782893049

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:IT-011
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-463-A-QC	Split Sample	Soil	07/23/99	4 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-477-C-QC	Split Sample	Soil	07/29/99	4 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-484-C-QC	Split Sample	Soil	07/30/99	4 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-490-B-QC	Split Sample	Soil	08/02/99	4 oz glass/4 C	8290-PCDD/PCDF		

Special Instructions:
SDG ~~QC05~~ QC05
20-DAY TAT
HOLD SAMPLES UNTIL INSTRUCTED TO PROCEED WITH ANALYSES

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-4	[signature]	8/4/99	FedX	8/4/99	1500						

IT

CHAIN OF CUSTODY RECORD

COC # 782893050

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:68-1413
Lab: Paradigm
Contact: Mike Larkins
(910)350-1903

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-494-A	542 Woonasquatucket Ave	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-495-A	542 Woonasquatucket Ave	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-496-A	542 Woonasquatucket Ave	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-497-A	41 Stevens St.	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-498-A	41 Stevens St.	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-499-A	41 Stevens St.	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		

COPY

Special Instructions:
SDG HA15 10-DAY TAT
THIS COMPLETES SDG HA15

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
-6	[signature]	8/13/99	FedEx	8/13/99	1609						

IT

CHAIN OF CUSTODY RECORD

COC # 782893051

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

COPY

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:68-1413
Lab: Paradigm
Contact: Mike Larkins
(910)350-1903

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990812-HA-01	Equipment Rinsate	Water	08/12/99	1 L Amber/4 C	8290-PCDD/PCDF		
	A	CMS-500-A	45 Grove St.	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-501-A	45 Grove St.	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-502-A	45 Grove St.	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-503-A	36 Steere St.	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-504-A	36 Steere St.	Soil	08/13/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-505-A	36 Steere St.	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-505-A-MS	36 Steere St.	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF	Y	
	A	CMS-505-A-SD	36 Steere St.	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF	Y	
	A	CMS-506-A	41 Steere St.	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-507-A	41 Steere St.	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	CMS-508-A	41 Steere St.	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	HA16-FD	Field Duplicate	Soil	08/12/99	8 oz glass/4 C	8290-PCDD/PCDF		
	A	PC0028.	8290 PE Sample	Soil		2 oz glass/4 C	8290-PCDD/PCDF		
	A	PC0098.	8290 PE Sample	Soil		2 oz glass/4 C	8290-PCDD/PCDF		

Special Instructions:
SDG HA16 10-DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-15	[illegible]	8/13/99	Fed X	8/13/99	1600						

IT

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

CHAIN OF CUSTODY RECORD

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COC # 782893053

Page No.: 1 of 1
Cooler #:QD#772
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-504-A-QC	Split Sample	Soil	08/13/99	8 oz glass/4 C	8290-PCDD/PCDF		

COPY

Special Instructions:
SDG QC07 10-DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1	[illegible]	8/13/99	FedEx	8/13/99	1600						

IT

CHAIN OF CUSTODY RECORD

COC # 782893054

ERRS I, Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:QD-58
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990929 AP-01	Equipment Rinsate	Water	09/29/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	AP01-FD	Field Duplicate	Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-600-A		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-601-A		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-602-A		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-605-A		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-605-B		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-605-C		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-605-D		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-605-E		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-606-A		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-606-A-MS		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-606-A-SD		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-607-A		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-608-A		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-614-A		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-615-A		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-615-B		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-616-A		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	MXC[illegible]8	TCDD PE Sample	Soil		2 oz glass/4 C	8280-TCDD		
	A	TT05[illegible]95	PCB PE Sample	Soil		2 oz glass/4 C	8082-PCBs		

COPY

Special Instructions:
SDG AP01 10-DAY TAT

FedX # 8119 1363 1400

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-21	[signature]	9/30/99	FedX	9/30/99	1600						

IT

CHAIN OF CUSTODY RECORD

COC # 782893055

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No. 1 of 1
Cooler # IT-601
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	990930-AP-01	Equipment Rinsate	Water	09/30/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	AP02-FD		Sediment	09/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-603-A		Sediment	09/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-603-A-MS		Sediment	09/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-603-A-SD		Sediment	09/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-609-A		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-611-A		Sediment	09/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-612-A		Sediment	09/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-613-A		Sediment	09/30/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-624-A		Sediment	10/01/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-625-A		Sediment	10/01/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-626-A		Sediment	10/01/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-628-A		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-628-B		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-628-C		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-628-D		Sediment	09/29/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-629-A		Sediment	10/01/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-630-A		Sediment	10/01/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	PCDD-0279	TCDD PE Sample	Soil		2 oz glass/4 C	8280-TCDD		
	A	TT05[illegible]7	PCB PE Sample	Soil		2 oz glass/4 C	8082-PCBs		
	A	ZHF8[illegible]	TCDD PE Sample	Soil		2 oz glass/4 C	8280-TCDD		

COPY

Special Instructions:
SDG AP02 10-DAY TAT

FEDX AIRBILL # 8119136 3139b
FOR SATURDAY DELIVERY

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time
1-21	[signature]	10/1/99	FEDX	10/1/99	1600

Items/Reason	Relinquished By	Date	Received By	Date	Time

IT

CHAIN OF CUSTODY RECORD

COC # 782893056

ERRS I Hopkinton, MA
Contact Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:68-1385
Lab: Quanterra
Contact: Robert Hrabak
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	3UOX1-	TCDD PE Sample	Soil		2 oz glass/4 C	8280-TCDD		
	A	991001-SP-01	Equipment Rinsate	Water	10/01/99	1 L Amber/4 C	8280-TCDD, 8082-PCBs		
	A	AP03-F[illegible]	Field Duplicate	Sediment	10/01/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-6[illegible]4-A		Sediment	10/01/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-610-A		Sediment	10/01/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-617-A		Sediment	10/01/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-618-A		Sediment	10/01/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-618-A-MS		Sediment	10/01/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-618-A-SD		Sediment	10/01/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-619-A		Sediment	10/01/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-6[illegible]0-A		Sediment	10/01/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-6[illegible]1-A		Sediment	10/01/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-6[illegible]2-A		Sediment	10/05/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-6[illegible]3-A		Sediment	10/05/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-627-A		Sediment	10/05/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-631-A		Sediment	10/05/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-632-A		Sediment	10/05/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-633-A		Sediment	10/05/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-634-A		Sediment	10/05/99	16 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	TT05685	PCB PE Sample	Soil		2 oz glass/4 C	8082-PCBs		

COPY

Special Instructions:
SDG AP03 10-DAY TAT

FEDX # 811913631363

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-20	[signature]	10/5/99	FEDX	10/5/99	1600						

IT

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO# 782893
EPA Contract 68-R1-98-01

CHAIN OF CUSTODY RECORD

COC # 782893057

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #: IT-011
Lab: Paradigm
Contact: Mike Larkins
(910)350-1903

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	CMS-60[illegible]-A-QC	Split Sample	Sediment	09/29/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-61[illegible]-A-QC	Split sample	Sediment	09/30/99	8 oz glass/4 C	8280-TCDD		
	A	CMS-61[illegible]-A-QC	Split Sample	Sediment	10/01/99	16 oz glass/4 C	8280-TCDD		

COPY

Special Instructions:
SDG QC08 10-DAY TAT

FEDX # 811913631385

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-3	[signature]	10/4/99	FEDX	10/4/99	1600						

IT

CHAIN OF CUSTODY RECORD

COC # 782893058

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

COPY

Page No.: _____ of _____
Cooler #:
Lab:
Contact:

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	C	AD-01-A		Soil	07/22/99	4 oz glass/0 C	Archive-hold for future use		
	C	AD-01-B		Soil	07/22/99	4 oz glass/0 C	Archive-hold for future use		
	C	AD-01-C		Soil	07/22/99	8 oz glass/0 C	Archive-hold for future use		
	C	AD-02-A		Soil	07/21/99	4 oz glass/0 C	Archive-hold for future use		
	C	AD-02-B		Soil	07/21/99	4 oz glass/0 C	Archive-hold for future use		
	C	AD-02-C		Soil	07/21/99	4 oz glass/0 C	Archive-hold for future use		
	C	AD-03-A		Soil	07/20/99	4 oz glass/0 C	Archive-hold for future use		
	C	AD-03-C		Soil	07/20/99	4 oz glass/0 C	Archive-hold for future use		
	C	AD-04-A		Sediment	07/19/99	4 oz glass/0 C	Archive-hold for future use		
	C	AD-04-A-MS		Sediment	07/19/99	4 oz glass/0 C	Archive-hold for future use	Y	
	C	AD-04-A-SD		Sediment	07/19/99	4 oz glass/0 C	Archive-hold for future use	Y	
	C	AD-04-B		Sediment	07/19/99	4 oz glass/0 C	Archive-hold for future use		
	C	AD-04-C		Sediment	07/19/99	4 oz glass/0 C	Archive-hold for future use		
	C	AD-05-A		Sediment	07/20/99	4 oz glass/0 C	Archive-hold for future use		
	C	AD01-FD	Field Duplicate	Sediment	07/19/99	4 oz glass/0 C	Archive-hold for future use		

Special Instructions:
SDG AD01A
ARCHIVED ALLENDALE DAM SAMPLES

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-15	[signature]	10/07/99									

COPY

CHAIN OF CUSTODY RECORD

COC # 782893059

IT

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 2
Cooler #:#5
Lab: Quanterra
Contact: Terry Wilson
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	991105-BV-01	Equipment Rinsate	Water	11/05/99	1 L Amber/4 C x2	8280-TCDD, 8082-PCBs		
	A	BV01-COMP	BV composite	Soil	11/05/99	8 oz glass/4 C x5	SW846-Metals/CN/SVOCs/Pest/Herb		
	A	BV01-FD	Field Duplicate	Soil	11/05/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-700-A		Soil	11/05/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-700-B		Soil	11/05/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-701-A		Soil	11/05/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-701-A-MS		Soil	11/05/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-701-A-SD		Soil	11/05/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs	Y	
	A	CMS-701-B		Soil	11/05/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-701-C		Soil	11/05/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-702-A		Soil	11/05/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-702-A		Soil	11/05/99	Encore, 5ml/4 C x3	8260-VOCs		
	A	CMS-702-B		Soil	11/05/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-703-A		Soil	11/05/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	B	CMS-703-A		Soil	11/05/99	Encore, 5ml/4 C x3	8260-VOCs		
	A	CMS-703-A-MS		Soil	11/05/99	Encore, 5ml/4 C x3	8260-VOCs	Y	
	A	CMS-703-A-SD		Soil	11/05/99	Encore, 5ml/4 C x3	8260-VOCs	Y	
	A	CMS-703-B		Soil	11/05/99	8 oz glass/4 C	8280-TCDD, 8082-PCBs		
	A	CMS-703-COMP	BV composite	Soil	11/05/99	8 oz glass/4 C x5	SW846-Metals/CN/SVOCs/Pest/Herb		

REFERENCE COC:

Special Instructions:
SDG BV01 - 5 DAY TAT

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-19	[signature]	11/5/99	FEDEX 807113547870	11/6/99	1530						
1-19	FEDEX 807113547870										

COPY

IT

CHAIN OF CUSTODY RECORD

COC # 782893059

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 2 of 2
Cooler #:#5
Lab: Quanterra
Contact: Terry Wilson
(916)374-4433

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	A	TB991105	Trip Blank	Water	11/05/99	40 ml VOA/4 C X 2	8260-VOCs		
	A	TT05591	PCB PE Sample	Soil	11/05/99	2 oz glass/4 C	8082-PCBs		
	A	VJF684	TCDD PE Sample	Soil	11/05/99	2 oz glass/4 C	8280-TCDD		

Special Instructions:
SDG BV01 - 5 DAY TAT

REFERENCE COC:

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-3	[signature]	11/5/99	FEDEX 807113547870	11/8/99	1530						
1-3	FEDEX 807113547870										

COPY

CHAIN OF CUSTODY RECORD

COC # 782893060

IT

ERRS I, Hopkinton, MA
Contact: Andrew Schkuta
781-497-6153
WO#: 782893
EPA Contract 68-R1-98-01

Project Name: Centredale Manor Site
Location: North Providence, RI
Site Phone: (401) 231-1300

Page No.: 1 of 1
Cooler #:PICK UP
Lab: RI Analytical
Contact: Allan Ford
(617)965-5133

LAB #	Tag	Sample #	Location	Matrix	Collected	Container/Preservative	Analysis Requested	MS MSD	Comments
	B	BV01-COMP	BV composite	Soil	11/05/99	8 oz glass/4 C	RCRA Characteristics		
	C	BV01-COMP	BV composite	Soil	11/05/99	32 oz glass/4 C	TCLP-Metals/SVOCs/Pest/Herb		
	C	CMS-702-A		Soil	11/05/99	4 oz glass/4 C	TCLP-VOCs		
	C	CMS-703-A		Soil	11/05/99	8 oz glass/4 C	TCLP-VOCs		
	B	CMS-703-COMP	BV composite	Soil	11/05/99	8 oz glass/4 C	RCRA Characteristics		
	C	CMS-703-COMP	BV composite	Soil	11/05/99	32 oz glass/4 C	TCLP-Metals/SVOCs/Pest/Herb		

REFERENCE COC:

Special Instructions:
SDG BV01-5 DAY TAT

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
1-6	[signature]	11/5/99	[signature]	11/5/99	1530						