

Table 5. Results of Analyses for Dioxins in Surface Soils
Centredale Manor (Woonasquatucket River) Site
North Providence, Rhode Island
September 1999

SAMPLE NUMBER					
3428-CMS-001	3	SOIL	3	0.026	
3428-CMS-001D	3	SOIL	3	0.019	
3428-CMS-002	3	SOIL	3	0.125	
3428-CMS-003	3	SOIL	3	0.008	
3428-CMS-004	3	SOIL	3	0.019	
3428-CMS-004D	3	SOIL	3	0.027	
3428-CMS-005	3	SOIL	3	0.166	
3428-CMS-005D	3	SOIL	3	0.322	
3428-CMS-006	3	SOIL	3	0.015	
3428-CMS-007	3	SOIL	3	0.485	
3428-CMS-008	3	SOIL	3	0.015	
3428-CMS-009	3	SOIL	3	0.032	
3428-CMS-010	3	SOIL	3	0.019	
3428-CMS-011	3	SOIL	3	0.200	
3428-CMS-012	3	SOIL	3	0.151	
3428-CMS-013	3	SOIL	3	0.236	
3428-CMS-014	3	SOIL	3	0.026	
3428-CMS-015	3	SOIL	3	0.046	
3428-CMS-016	3	SOIL	3	0.815	
3428-CMS-017	3	SOIL	3	0.302	
3428-CMS-018	3	SOIL	3	0.038	
3428-CMS-019	3	SOIL	3	1.510	Y
3428-CMS-020	3	SOIL	3	0.233	
3428-CMS-021	3	SOIL	3	1.170	Y
3428-CMS-021D	3	SOIL	3	2.130	Y
3428-CMS-022	3	SOIL	3	1.480	Y
3428-CMS-023	3	SOIL	3	2.480	Y
3428-CMS-024	3	SOIL	3	1.600	Y
3428-CMS-025	3	SOIL	3	1.030	Y
3428-CMS-026	1	SOIL	6	0.016	
3428-CMS-027	1	SOIL	6	0.064	
3428-CMS-028	1	SOIL	6	0.058	
3428-CMS-029	1	SOIL	6	0.041	
3428-CMS-030	1	SOIL	6	0.101	

D = Field duplicate.

Table 5 (cont'd). Results of Analyses for Dioxins in Surface Soils

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SAMPLE NUMBER						
3428-CMS-031	1	SOIL	6	0.107		
3428-CMS-033	1	SOIL	6	0.185		
3428-CMS-034	1	SOIL	6	0.003		
3428-CMS-035	1	SOIL	8	0.010		
3428-CMS-037	1	SOIL	6	0.008		
3428-CMS-038	1	SOIL	6	0.005		
3428-CMS-041	1	SOIL	6	0.002		
3428-CMS-044	1	SOIL	4	0.002		
3428-CMS-047	1	SOIL	4	0.005		
3428-CMS-048	1	SOIL	6	0.003		
3428-CMS-050	1	SOIL	4	0.055		
3428-CMS-051	1	SOIL	6	1.483		Y
3428-CMS-052	1	SOIL	6	0.045		
3428-CMS-052D	1	SOIL	6	0.002		
3428-CMS-053	1	SOIL	4	0.003		
3428-CMS-054	1	SOIL	6	0.001		
3428-CMS-055	1	SOIL	8	0.232		
3428-CMS-056	1	SOIL	4	0.249		
3428-CMS-057	1	SOIL	4	16.300		Y
3428-CMS-058	1	SOIL	4	0.185		
3428-CMS-059	1	SOIL	4	0.042		
3428-CMS-060 +	1	SOIL	4	116.000		Y
3428-CMS-061	1	SOIL	4	0.195		
3428-CMS-061D	1	SOIL	4	0.222		
3428-CMS-062	1	SOIL	4	0.012		
3428-CMS-063	1	SOIL	4	4.460		Y
3428-CMS-064	1	SOIL	4	0.699		
3428-CMS-065	1	SOIL	4	0.002		
3428-CMS-066	1	SOIL	4	0.076		
3428-CMS-067	1	SOIL	4	0.118		
3428-CMS-068	1	SOIL	4	0.009		
3428-CMS-068D	1	SOIL	4	0.008		
3428-CMS-069	1	SOIL	6	2.430		Y

+ = Samples were also validated as a low resolution (Method 8280) under TDF 212.

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Table 5 (cont'd). Results of Analyses for Dioxins in Surface Soils
 Centredale Manor (Woonasquatucket River) Site
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 September 1999

SAMPLE NUMBER	DEPTH (cm)	SOIL	NO. OF ANALYSES	MEAN CONCENTRATION (pg/g)	Y/N
3428-CMS-070	1	SOIL	6	0.001	
3428-CMS-071	1	SOIL	6	0.002	
3428-CMS-071D	1	SOIL	6	0.001	
3428-CMS-072	1	SOIL	6	0.004	
3428-CMS-073	1	SOIL	9	0.028	
3428-CMS-074	1	SOIL	6	1.750	Y
3428-CMS-075	1	SOIL	6	8.750	Y
3428-CMS-076	1	SOIL	6	2.030	Y
3428-CMS-078	1	SOIL	9	0.006	
3428-CMS-078D	1	SOIL	9	0.009	
3428-CMS-079	1	SOIL	9	0.036	
3428-CMS-080	1	SOIL	6	0.394	
3428-CMS-081	1	SOIL	6	1.020	Y
3428-CMS-082	1	SOIL	6	1.250	Y
3428-CMS-084	1	SOIL	9	0.746	
3428-CMS-084D	1	SOIL	9	0.156	
3428-CMS-085	1	SOIL	7	0.329	
3428-CMS-086	1	SOIL	6	0.240	
3428-CMS-087	1	SOIL	6	0.684	
3428-CMS-088	1	SOIL	6	0.134	
3428-CMS-089	1	SOIL	9	4.470	Y
3428-CMS-090	1	SOIL	7	0.013	
3428-CMS-091	1	SOIL	7	0.225	
3428-CMS-092	1	SOIL	9	0.153	
3428-CMS-093	1	SOIL	9	0.111	
3428-CMS-093D	1	SOIL	9	1.830	Y
3428-CMS-094	1	SOIL	9	2.620	Y
3428-CMS-095	1	SOIL	9	0.115	
3428-CMS-096	1	SOIL	9	0.039	
3428-CMS-096D	1	SOIL	9	0.024	
3428-CMS-098	1	SOIL	7	28.100	Y
3428-CMS-099	1	SOIL	7	0.767	
3428-CMS-100	1	SOIL	7	0.012	

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SAMPLE NUMBER					
3428-CMS-101	1	SOIL	9	0.118	
3428-CMS-102	1	SOIL	9	2.760	Y
3428-CMS-103	1	SOIL	9	0.129	
3428-CMS-103D	1	SOIL	9	0.164	
3428-CMS-104	1	SOIL	9	0.053	
3428-CMS-107	1	SOIL	7	1.810	Y
3428-CMS-108	1	SOIL	7	0.095	
3428-CMS-109	1	SOIL	2	1.090	Y
3428-CMS-110	1	SOIL	9	0.605	
3428-CMS-111	1	SOIL	9	0.112	
3428-CMS-112	1	SOIL	9	0.220	
3428-CMS-114	1	SOIL	7	0.024	
3428-CMS-114D	1	SOIL	7	0.023	
3428-CMS-115	1	SOIL	7	0.463	
3428-CMS-116	1	SOIL	7	0.132	
3428-CMS-117	1	SOIL	2	6.550	Y
3428-CMS-118	1	SOIL	2	2.530	Y
3428-CMS-119	1	SOIL	5	0.023	
3428-CMS-121	1	SOIL	7	0.280	
3428-CMS-123	1	SOIL	7	2.100	Y
3428-CMS-124	1	SOIL	2	0.213	
3428-CMS-125	1	SOIL	2	0.032	
3428-CMS-126	1	SOIL	2	0.044	
3428-CMS-126D	1	SOIL	2	0.044	
3428-CMS-127	1	SOIL	2	0.039	
3428-CMS-128	1	SOIL	2	0.018	
3428-CMS-130	1	SOIL	7	0.072	
3428-CMS-131	1	SOIL	2	3.320	Y
3428-CMS-132	1	SOIL	2	0.019	
3428-CMS-133	1	SOIL	2	0.729	
3428-CMS-134	1	SOIL	2	15.600	Y
3428-CMS-135	1	SOIL	7	20.600	Y
3428-CMS-136	1	SOIL	7	0.014	
3428-CMS-137	1	SOIL	7	0.004	

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Table 5 (cont'd). Results of Analyses for Dioxins in Surface Soils
Centredale Manor (Woonasquatucket River) Site
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SAMPLE NUMBER					
3428-CMS-138	1	SOIL	9	0.099	
3428-CMS-139	1	SOIL	2	0.158	
3428-CMS-140 @	1	SOIL	2	117.000	Y
3428-CMS-141 @	1	SOIL	2	35.500	Y
3428-CMS-142	1	SOIL	7	8.070	Y
3428-CMS-143	1	SOIL	7	0.186	
3428-CMS-144	1	SOIL	7	0.075	
3428-CMS-145	1	SOIL	9	2.750	Y
3428-CMS-147	1	SOIL	2	6.470	Y
3428-CMS-148	1	SOIL	7	15.300	Y
3428-CMS-149	1	SOIL	7	22.700	Y
3428-CMS-150	1	SOIL	1	22.100	Y
3428-CMS-151	1	SOIL	1	0.022	
3428-CMS-152	1	SOIL	2	1.400	Y
3428-CMS-153	1	SOIL	2	0.041	
3428-CMS-154	1	SOIL	9	1.300	Y
3428-CMS-155	1	SOIL	2	6.810	Y
3428-CMS-156 *	1	SOIL	8	52.900	Y
3428-CMS-157	1	SOIL	8	12.600	Y
3428-CMS-158	1	SOIL	8	10.200	Y
3428-CMS-158D	1	SOIL	8	8.430	Y
3428-CMS-159	1	SOIL	1	3.380	Y
3428-CMS-160	1	SOIL	2	12.600	Y
3428-CMS-160D	1	SOIL	2	11.300	Y
3428-CMS-161	1	SOIL	8	2.550	Y
3428-CMS-162	1	SOIL	8	0.311	
3428-CMS-163	1	SOIL	8	0.253	
3428-CMS-164	1	SOIL	8	16.700	Y
3428-CMS-164D	1	SOIL	8	17.500	Y
3428-CMS-165	1	SOIL	8	8.580	Y

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@ = Sample was also validated as a low resolution (Method 8280) under TDF 192.

* = Sample was also validated as a low resolution (Method 8280) under TDF 181.

Table 5 (cont'd). Results of Analyses for Dioxins in Surface Soils
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SAMPLE NUMBER					
3428-CMS-166	1	SOIL	8	9.620	Y
3428-CMS-167	1	SOIL	1	2.140	Y
3428-CMS-168	1	SOIL	8	11.600	Y
3428-CMS-169	1	SOIL	5	35.100	Y
3428-CMS-170	1	SOIL	8	8.590	Y
3428-CMS-171	1	SOIL	8	5.290	Y
3428-CMS-172	1	SOIL	8	9.990	Y
3428-CMS-173	1	SOIL	8	17.500	Y
3428-CMS-174	1	SOIL	8	0.031	
3428-CMS-175	1	SOIL	8	12.900	Y
3428-CMS-176	2	SOIL	8	0.141	
3428-CMS-177	2	SOIL	8	2.530	Y
3428-CMS-178	2	SOIL	1	0.769	
3428-CMS-178D	2	SOIL	1	0.734	
3428-CMS-179	2	SOIL	1	0.022	
3428-CMS-180	2	SOIL	1	0.011	
3428-CMS-181	2	SOIL	5	0.826	
3428-CMS-182	2	SOIL	5	1.440	Y
3428-CMS-182D	2	SOIL	5	0.869	
3428-CMS-183	2	SOIL	5	0.729	
3428-CMS-184	2	SOIL	1	0.088	
3428-CMS-185	2	SOIL	1	0.062	
3428-CMS-186	2	SOIL	5	2.500	Y
3428-CMS-187	2	SOIL	5	8.200	Y
3428-CMS-188	2	SOIL	5	3.460	Y
3428-CMS-189	2	SOIL	5	0.153	
3428-CMS-190	2	SOIL	5	1.410	Y
3428-CMS-191	2	SOIL	5	0.404	
3428-CMS-191D	2	SOIL	5	1.380	Y
3428-CMS-192	2	SOIL	5	21.800	Y
3428-CMS-193	2	SOIL	5	1.450	Y
3428-CMS-194	2	SOIL	5	0.660	
3428-CMS-195	2	SOIL	5	8.330	Y
3428-CMS-196	2	SOIL	5	7.840	Y

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Table 5 (cont'd). Results of Analyses for Dioxins in Surface Soils
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SAMPLE NUMBER	LOCATION	SOIL	DEPTH	CONCENTRATION (pg/g)	REMARKS
3428-CMS-197	2	SOIL	5	0.616	
3428-CMS-199	2	SOIL	5	0.679	
3428-CMS-200	2	SOIL	5	2.350	Y
3428-CMS-201	2	SOIL	1	0.877	
3428-CMS-202	2	SOIL	5	2.530	Y
3428-CMS-203	2	SOIL	1	2.530	Y
3428-CMS-204	2	SOIL	1	1.830	Y
3428-CMS-204D	2	SOIL	1	3.390	Y
3428-CMS-205	2	SOIL	1	13.300	Y
3428-CMS-206	2	SOIL	1	4.500	Y
3428-CMS-208	2	SOIL	1	1.950	Y
3428-CMS-209	2	SOIL	1	11.900	Y
3428-CMS-210	2	SOIL	1	6.190	Y
3428-CMS-211	2	SOIL	1	0.864	
3428-CMS-212	2	SOIL	1	2.740	Y
3428-CMS-213	2	SOIL	1	7.820	Y
3428-CMS-214	2	SOIL	1	5.040	Y
3428-CMS-215	2	SOIL	1	10.200	Y
3428-CMS-216	550 Woonasquatucket Ave.	SOIL	4	10.500	Y
3428-CMS-217	494 Woonasquatucket Ave.	SOIL	4	2.420	Y
3428-CMS-217D	494 Woonasquatucket Ave.	SOIL	4	5.030	Y
3428-CMS-218	494 Woonasquatucket Ave.	SOIL	4	2.290	Y
3428-CMS-219	494 Woonasquatucket Ave.	SOIL	4	2.220	Y
3428-CMS-220	41 Steere Ave.	SOIL	4	0.003	
3428-CMS-221	41 Stevens St.	SOIL	4	1.990	Y
3428-CMS-222	45 Grover St.	SOIL	4	0.099	
3428-CMS-223	36 Steere Ave.	SOIL	4	0.120	
3428-CMS-224	15 Centredale Ave.	SOIL	4	0.001	
3428-CMS-225	Vacant lot between Redfern & Grover	SOIL	4	0.133	
3428-CMS-226	1	SOIL	8	9.680	Y
3428-CMS-227	1	SOIL	8	1.910	Y
3428-CMS-228	1	SOIL	8	2.360	Y
3428-CMS-229	Upstream reference, above Rt. 44	SOIL	8	0.001	
3428-CMS-230	Upstream reference, above Rt. 44	SOIL	8	0.005	

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Table 5 (cont'd). Results of Analyses for Dioxins in Surface Soils
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Sample Number	Depth (cm)	Matrix	Replicate	Concentration (pg/g)	Remarks
3428-CMS-231	1	SOIL	5	0.193	
3428-CMS-232	1	SOIL	5	2.200	Y
3428-CMS-233	1	SOIL	5	0.841	
3428-CMS-234	1	SOIL	5	0.278	
3428-CMS-235	1	SOIL	5	0.781	
3428-CMS-236	1	SOIL	5	0.830	
3428-CMS-237	1	SOIL	5	2.620	Y
3428-CMS-238	1	SOIL	5	13.500	Y
3428-CMS-239	1	SOIL	7	3.490	Y
3428-CMS-240	1	SOIL	7	5.110	Y
3428-CMS-241	1	SOIL	7	6.640	Y
3428-CMS-242	1	SOIL	7	20.300	Y
3428-CMS-FB	1	SOIL	9	0.000	
3428-CMS-FB2	2	SOIL	1	0.000	
3428-CMS-FEB	1	SOIL	9	0.000	
3428-CMS-FEB2	2	SOIL	1	0.000	

