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The Trusted Integrator for Sustainable Solutions

REMOVAL SUPPORT TEAM 2
EPA CONTRACT EP-W-06-072

June 28, 2013

Mr. Cris D'Onofrio, On-Scene Coordinator
U.S. Environmental Protection Agency, Region II
Response and Prevention Branch
2890 Woodbridge Avenue
Edison, NJ 08837

EPA CONTRACT NO: EP-W-06-072

TDD NO: TO-0027-0034

DOCUMENT CONTROL NO: RST 2-02-F-2405

**SUBJECT: SAMPLING TRIP REPORT (PHASE II) - MC CANFIELD & SONS SITE,
NEWARK, ESSEX COUNTY, NEW JERSEY**

Dear Mr. D'Onofrio,

Enclosed please find the Sampling Trip Report (Phase II) for the MC Canfield & Sons Site located at Cornerstone Lane & Marrow Street in Newark, Essex County, New Jersey. The sampling conducted from April 22, 2013 through May 3, 2013 was part of the Phase II Removal Assessment of the Site. If you have any questions, please do not hesitate to contact me at (732) 585-4421.

Sincerely,

Weston Solutions, Inc.

Joel Petty
Removal Support Team 2
Site Project Manager/Group Leader

Enclosure

cc: TDD File No: TO-0027-0034

an employee-owned company

*In Association with Scientific and Environmental Associates, Inc.,
H & S Environmental, Inc., and Avatar Environmental, LLC*



SAMPLING TRIP REPORT (PHASE II)

SITE NAME: MC Canfield & Sons
DC NO.: RST 2-02-F-2405
TDD NO.: TO-0027-0034
EPA SITE ID NO.: NJN000206557
SAMPLING DATE: April 22, 2013 through May 3, 2013

- 1. Site Location:** Cornerstone Lane & Marrow Street, Newark, Essex County, New Jersey.
Refer to Attachment A, Figure 1, Site Location Map.
- 2. Sample Location:** Refer to Attachment A, Figure 2, Phase II Sample Locations with XRF Lead Results.

3. Introduction:

In April and May 2013, the U.S. Environmental Protection Agency (EPA) assessed residential properties for the presence of lead in the vicinity of the MC Canfield & Sons Site (the Site) located at Cornerstone Lane and Marrow Street in Newark, Essex County, New Jersey. The Phase II Removal Assessment was conducted to further delineate the Site based upon the results of Phase I of the Removal Assessment conducted in August 2012. Results from composite samples collected during the August 2012 Phase I Removal Assessment indicated elevated concentrations of lead. A total of 13 of the original quadrants established during the Phase I Removal Assessment were chosen for further delineation.

This report has been prepared to document the activities which were completed in support of the Phase II Removal Assessment.

4. Removal Assessment Summary:

On April 22, 2013, Weston Solutions, Inc., Removal Support Team 2 (RST 2) mobilized to the Site to conduct Phase II Removal Assessment sampling activities at the Site, now occupied by a residential townhouse community, referred to by RST 2 as MC Canfield & Sons. For the Phase I Removal Assessment, property 1 (P001) was split into 34 quadrants and included areas of high use such as gardens, play areas, flower beds, etc. Of these 34 quadrants, 13 were chosen for further delineation as part of the Phase II Removal Assessment. The 13 quadrants chosen for further delineation were SS012, SS013, SS014, SS015, SS017, SS019, SS023, SS026, SS027, SS028, SS029, SS030, and SS031. Sample locations were designated within each quadrant and soil samples from these locations were collected from up to five depth intervals (0-2 inches, 2-6 inches, 6-12 inches, 12-18 inches, and 18-24 inches). Samples were collected at all five depth intervals in quadrants SS012, SS013, SS014, SS015, SS023, SS026, and SS031. Samples were collected at 0-2 inches and 2-6 inches in quadrants SS017, SS019, SS027, SS028, SS029, and SS030. Some locations in these quadrants were sampled at additional depths to determine if lead concentrations decreased below 6 inches. These locations were determined by the EPA On-Scene Coordinator (OSC). Soil samples were collected every 30 feet along transects in each

quadrant under investigation for larger areas with at least one sample being collected from every area with exposed soil. Often times, samples would be collected in between two sample points to try and further delineate the contamination, which was determined by the EPA OSC. This determination was based upon the x-ray fluorescence (XRF) field screenings. One additional location was chosen in a flower bed in quadrant SS025 due to its close proximity to the source of the lead contamination. As part of the Phase II Removal Assessment sampling activities, RST 2 collected a total of 721 discrete soil samples from quadrants established throughout the Site (Refer to Attachment A, Figure 2, Phase II Sample Locations with XRF Lead Results).

The soil samples collected from the Site were screened for metals on-site using an Innov-X portable XRF instrument with 10 percent (%) submitted to the EPA Division of Environmental Science and Assessment (DESA) laboratory for target analyte list (TAL) metals, including tin, analysis. Field screening for lead and tin in soil was performed on-site using portable XRF technology. The samples were collected in a 6 by 9 inch plastic bag, homogenized, dried if necessary, and analyzed three times using the XRF. Organic debris was removed from the sample before it was homogenized. Each XRF sample screening interval lasted one minute. The three screening intervals were then averaged to determine the approximate lead and tin concentrations. Field screening samples were collected with dedicated plastic scoops.

A total of 10% of the soil samples and all of the rinsate blank samples were hand-delivered to the EPA DESA laboratory located in Edison, New Jersey on April 24, 2013 under Chain of Custody (COC) Record No. 2-042413-130421-0004; on April 26, 2013 under COC Record No. 2-042613-111227-0005; on May 1, 2013 under COC Record No. 2-050113-104604-0006; and on May 3, 2013 under COC Record No. 2-050313-091617-0008. For additional information refer to Attachment C, Chain of Custody Records.

5. Laboratory Receiving Samples:

Sample Matrix	Analyses	Laboratory
Soil and Aqueous (Rinsate Blanks)	TAL Metals and Tin	EPA DESA Laboratory 2890 Woodbridge Ave. Edison, NJ 08837

TAL = Target Analyte List

DESA = Division of Environmental Science and Assessment

6. Personnel On Site:

Name	Representing	Duties On-Site
Cris D'Onofrio	U.S. EPA, Region II	On-Scene Coordinator
David Rosoff	U.S. EPA, Region II	On-Scene Coordinator
Joel Petty	RST 2, Region II	Site Project Manager, Site H&S, Sample Management
Aleksandra Mallon	RST 2, Region II	XRF Technician, Sample Management
Dipanjali Chavan	RST 2, Region II	XRF Technician, Sample Management
Timothy Benton	RST 2, Region II	Sample Collection
Mark Conover	RST 2, Region II	Sample Collection
Scott Snyder	RST 2, Region II	Sample Collection
Bernard Nwosu	RST 2, Region II	Sample Collection
Michael Garibaldi	RST 2, Region II	Sample Collection
Sean Hettinger	RST 2, Region II	Sample Collection
Joseph Bundens	RST 2, Region II	Sample Collection

7. Analytical Discussion

Based on the XRF screening data results of the discrete soil samples collected from the Site, lead was detected at concentrations ranging from 44 milligrams per kilogram (mg/kg) to 8,290 mg/kg. Sample locations SS012-AA, SS012-BB, SS012-CC, SS012-EE, SS012-K, SS012-L, SS012-M, SS012-N, SS012-O, SS012-Q, SS012-R, SS012-S, SS012-T, SS012-U, SS012-W, SS012-Y, SS013-AA, SS013-CC, SS013-EE, SS013-FF, SS013-GG, SS013-J, SS013-L, SS013-N, SS013-P, SS013-T, SS013-U, SS013-V, SS013-W, SS013-X, SS013-Y, SS014-AA, SS014-BB, SS014-CC, SS014-K, SS014-L, SS014-M, SS014-O, SS014-Q, SS014-R, SS014-S, SS014-V, SS014-X, SS014-Z, SS015-AA, SS015-BB, SS015-J, SS015-L, SS015-N, SS015-O, SS015-P, SS015-Q, SS015-R, SS015-S, SS015-U, SS017-G, SS017-I, SS017-M, SS017-N, SS017-O, SS017-P, SS017-Q, SS017-S, SS017-U, SS017-W, SS017-X, SS017-Y, SS019-F, SS019-H, SS019-J, SS019-L, SS019-M, SS019-N, SS019-O, SS019-Q, SS019-S, SS019-U, SS019-V, SS023-G, SS023-J, SS023-K, SS023-L, SS023-M, SS023-N, SS023-P, SS023-Q, SS026-CC, SS026-F, SS026-I, SS026-J, SS026-K, SS026-L, SS026-M, SS026-N, SS026-P, SS026-R, SS026-S, SS026-V, SS026-X, SS026-Z, SS027-F, SS027-G, SS027-I, SS027-K, SS027-N, SS027-O, SS027-Q, SS027-U, SS027-W, SS027-X, SS027-Y, SS028-BB, SS028-DD, SS028-EE, SS028-GG, SS028-II, SS028-J, SS028-JJ, SS028-KK, SS028-L, SS028-O, SS028-Q, SS028-S, SS028-U, SS028-V, SS028-Z, SS029-F, SS029-H, SS029-J, SS029-L, SS029-N, SS029-O, SS029-S, SS029-U, SS029-V, SS030-BB, SS030-DD, SS030-H, SS030-J, SS030-L, SS030-N, SS030-R, SS030-T, SS030-U, SS030-Y, SS031-H, SS031-I, SS031-J, SS031-L, SS031-N, SS031-P, SS031-R, SS031-S, SS031-T, and SS031-V contained soil samples with lead results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact Soil Remediation Standard of 400 milligrams per kilogram (mg/kg). Refer to Attachment B, Table 1: X-Ray Fluorescence (XRF) Soil Screening Results for Lead.

Based on the XRF screening data results of the discrete soil samples collected from the Site, tin was detected at concentrations ranging from non-detect to 9,842 mg/kg. Refer to Attachment B,

Table 2: X-Ray Fluorescence (XRF) Soil Screening Results for Tin.

Based on the analytical results of the confirmatory soil samples submitted to the EPA DESA laboratory, the following 22 TAL metals, including tin, were detected in soil samples collected from the Site (maximum concentration and sample location in parentheses): aluminum (14,000 mg/kg in P001-SS015-Y-0206-001); antimony (260 mg/kg in P001-SS015-L-1824-001); arsenic (59 mg/kg in P001-SS014-R-1824-001); barium (970 mg/kg in P001-SS013-T-0612-001); beryllium (0.73 mg/kg in P001-SS014-O-0612-001); cadmium (5.3 mg/kg in P001-SS014-R-1218-001); calcium (22,000 mg/kg in P001-SS030-J-0206-001); chromium (62 mg/kg in P001-SS012-S-0002-001); cobalt (17 mg/kg in P001-SS014-R-1824-001); copper (5,700 mg/kg in P001-SS014-R-1824-001); iron (45,000 mg/kg in P001-SS015-Y-0206-001); lead (13,000 mg/kg in P001-SS015-L-1824-001); magnesium (8,800 mg/kg in P001-SS015-Y-0206-001); manganese (590 mg/kg in P001-SS015-Y-0206-001); nickel (77 mg/kg in P001-SS026-Z-0206-001); potassium (1,200 mg/kg in P001-SS012-S-0002-001, P001-SS014-R-0002-001, P001-SS014-S-0206-001, and P001-SS015-W-0002-001); sodium (2,900 mg/kg in P001-SS015-Y-0206-001); silver (50 mg/kg in P001-SS015-L-1824-001); thallium (1.6 mg/kg in P001-SS014-AA-1824-001); vanadium (81 mg/kg in P001-SS014-AA-1824-001); zinc (5,800 mg/kg in P001-SS014-R-1824-001); and tin (12,000 mg/kg in P001-SS015-L-1218-001 and P001-SS015-L-1824-001). In addition, five TAL metals (antimony, arsenic, copper, lead, and vanadium) were detected in soil samples collected from the Site at concentrations exceeding their NJAC Residential Direct Contact Soil Remediation Standard. Refer at Attachment B, Table 3: Validated Analytical Results for TAL Metals + Tin.

Report Prepared By:


Joel Petty

Site Project Manager, RST 2

Date

6/28/13

Report Reviewed By:



Timothy Benton

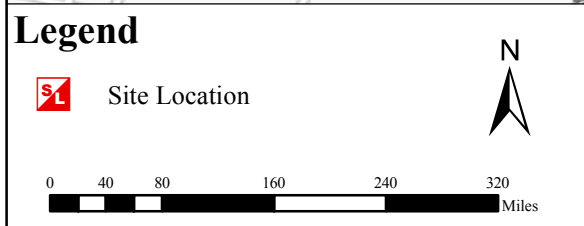
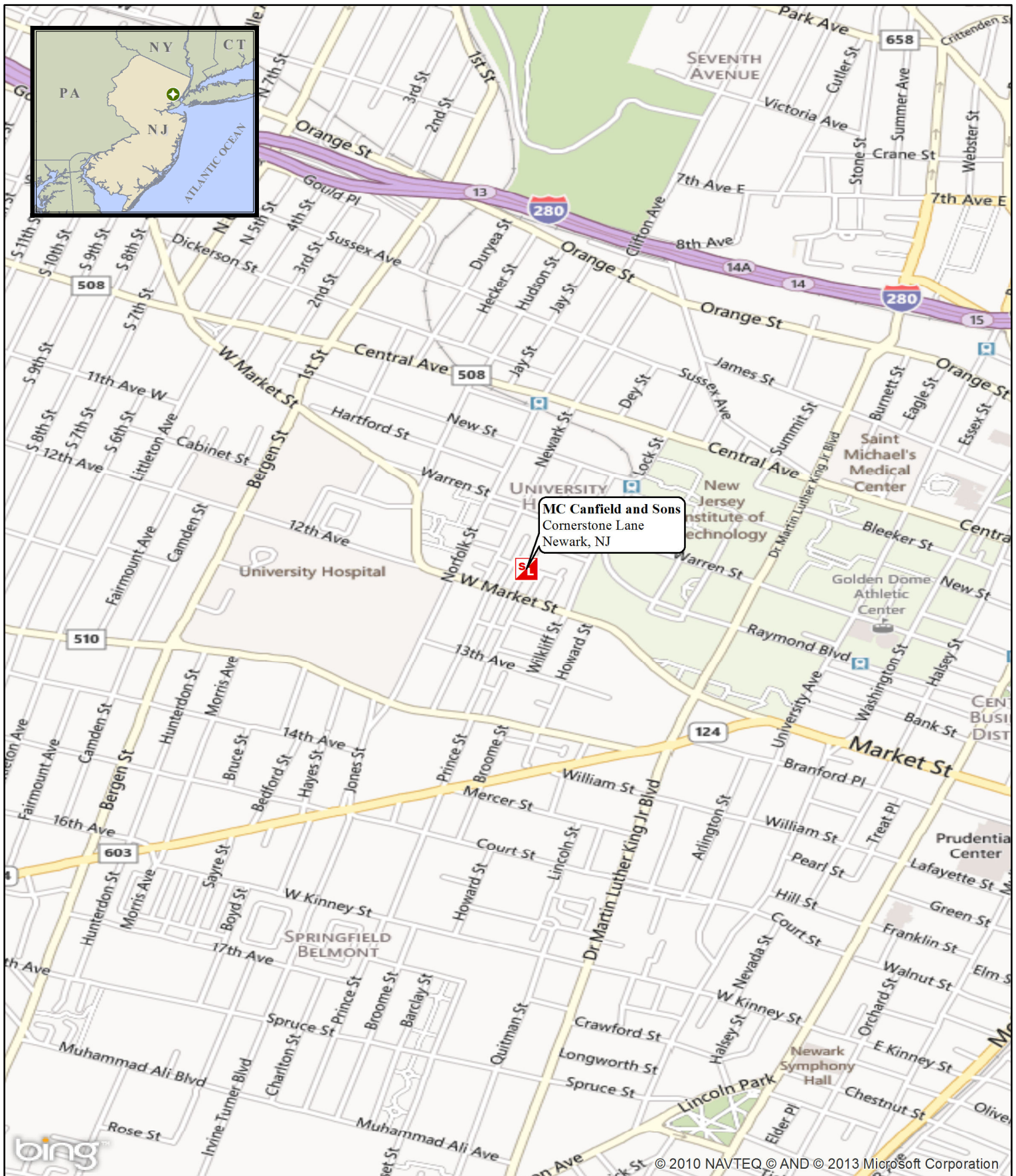
Operations Manager, RST 2

Date

6/28/13

ATTACHMENT A

- Figure 1: Site Location Map
 - Figure 2: Phase II Sample Locations with XRF Lead Results
-



WESTON SOLUTIONS Weston Solutions, Inc.
East Division

In Association With
Avatar Environmental, LLC.,
H & S Environmental, Inc. and
Scientific and Environmental Associates, Inc.

Figure 1: Site Location Map McCanfield and Sons, Inc. Newark, New Jersey	
U.S. ENVIRONMENTAL PROTECTION AGENCY REMOVAL SUPPORT TEAM 2 CONTRACT # EP-W-06-072	
DATE MODIFIED: 4/15/2013	FILENAME: SITE LOCATION MAP
GIS ANALYST: F. CAMPBELL	
EPA OSC: C. DONOFRIO	
RST SPM: J. PETTY	



NY
CT
PA
NJ
DE

SCALE
1:239

LEGEND
XRF Sample Location
Quadrant Boundary

NOTES:
• ALL RESULTS ARE DEPICTED IN PARTS PER MILLION (PPM).
• ALL SAMPLE DEPTHS DENOTED IN PARENTHESES AND ARE DEPICTED IN INCHES.
• EXCEEDANCES OF THE SITE-SPECIFIC ACTION LEVEL OF 400 PPM ARE HIGHLIGHTED RED.

Figure 2: Phase II Sample Locations with XRF Lead Results

MC CANFIELD & SONS SITE
NEWARK, NEW JERSEY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REMOVAL SUPPORT TEAM 2
CONTRACT # EP-W-06-072

Weston Solutions, Inc.
Northeast Division

In Association With
Avatar Environmental, LLC,
Innovative Technological Solutions, Inc. &
Scientific and Environmental Associates, Inc.

GIS ANALYST:	F. CAMPBELL
EPA OSC:	C. DONOFIO
RST SPM:	J. PETTY
FILENAME:	PHASEIIPROPSMLOC_130510.MXD
FIGURE:	1
REVISION:	0
DATE MODIFIED:	6/28/2013

WESTON SOLUTIONS

W MARKET ST

CALLAHAN CT

MARROW ST

MATTHEWS ST

SCHOOL ST

PEREZ DR

COSSIO DR

ASHBY LN

ATTACHMENT B

- Table 1: X-Ray Fluorescence (XRF) Soil Screening Results for Lead
 - Table 2: X-Ray Fluorescence (XRF) Soil Screening Results for Tin
 - Table 3: Validated Analytical Results for TAL Metals + Tin
-

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS012-AA-0002	SS012-AA	252	8	298	9	263	8	271
SS012-AA-0206	SS012-AA	622	14	542	12	515	12	560
SS012-AA-0612	SS012-AA	858	17	849	16	785	16	831
SS012-AA-1218	SS012-AA	591	13	539	12	630	14	587
SS012-AA-1824	SS012-AA	571	13	700	15	660	14	644
SS012-BB-0002	SS012-BB	243	8	261	9	215	8	240
SS012-BB-0206	SS012-BB	394	11	428	11	402	11	408
SS012-CC-0002	SS012-CC	211	3	142	2	192	2	182
SS012-CC-0206	SS012-CC	696	6	755	6	699	6	717
SS012-CC-0612	SS012-CC	448	5	427	4	435	4	437
SS012-CC-1218	SS012-CC	602	6	512	5	489	5	534
SS012-CC-1824	SS012-CC	920	8	1007	9	1024	8	984
SS012-DD-0002	SS012-DD	169	2	200	3	191	2	187
SS012-DD-0206	SS012-DD	253	3	184	3	184	3	207
SS012-DD-0612	SS012-DD	145	2	178	3	172	3	165
SS012-DD-1218	SS012-DD	117	2	99	2	91	2	102
SS012-DD-1824	SS012-DD	102	6	117	6	107	6	109
SS012-EE-0002	SS012-EE	143	5	144	5	152	6	146
SS012-EE-0206	SS012-EE	264	8	255	8	284	8	268
SS012-EE-0612	SS012-EE	360	10	286	9	249	8	298
SS012-EE-1218	SS012-EE	401	11	447	12	406	11	418
SS012-EE-1824	SS012-EE	543	12	346	9	426	11	438
SS012-K-0002	SS012-K	390	4	299	3	346	4	345
SS012-K-0206	SS012-K	439	4	491	5	420	4	450
SS012-K-0612	SS012-K	373	4	579	5	442	4	465
SS012-K-1218	SS012-K	424	4	404	4	476	5	435
SS012-K-1824	SS012-K	271	3	399	4	349	4	340
SS012-L-0002	SS012-L	407	10	429	10	417	10	418
SS012-L-0206	SS012-L	539	12	949	17	551	15	680
SS012-L-0612	SS012-L	400	10	404	10	283	9	362
SS012-L-1218	SS012-L	51	4	63	4	56	4	57
SS012-L-1824	SS012-L	52	4	39	4	54	4	48

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS012-M-0002	SS012-M	285	8	328	9	261	8	291
SS012-M-0206	SS012-M	346	9	419	10	374	9	380
SS012-M-0612	SS012-M	725	14	741	15	664	14	710
SS012-M-1218	SS012-M	1434	25	1343	21	1125	20	1,301
SS012-M-1824	SS012-M	2082	30	2034	29	1759	25	1,958
SS012-N-0002	SS012-N	235	8	214	8	195	7	215
SS012-N-0206	SS012-N	383	10	483	12	509	12	458
SS012-N-0612	SS012-N	904	16	721	14	698	15	774
SS012-N-1218	SS012-N	1008	17	942	17	957	18	969
SS012-N-1824	SS012-N	457	11	594	13	588	13	546
SS012-O-0002	SS012-O	299	3	309	3	213	3	274
SS012-O-0206	SS012-O	380	4	444	4	516	5	447
SS012-O-0612	SS012-O	222	3	244	3	127	2	198
SS012-O-1218	SS012-O	557	5	471	5	545	5	524
SS012-O-1824	SS012-O	453	4	325	4	296	3	358
SS012-Q-0002	SS012-Q	230	8	207	8	241	8	226
SS012-Q-0206	SS012-Q	779	16	561	13	554	13	631
SS012-Q-0612	SS012-Q	587	14	570	13	532	13	563
SS012-Q-1218	SS012-Q	555	13	686	15	585	14	609
SS012-Q-1824	SS012-Q	442	11	517	12	477	12	479
SS012-R-0002	SS012-R	214	3	222	3	213	3	216
SS012-R-0206	SS012-R	469	10	396	4	473	5	446
SS012-R-0612	SS012-R	636	6	728	6	630	5	665
SS012-R-1218	SS012-R	329	3	717	9	610	6	552
SS012-R-1824	SS012-R	368	4	450	4	466	4	428
SS012-S-0002	SS012-S	228	7	182	7	208	7	206
SS012-S-0206	SS012-S	272	8	260	8	450	10	327
SS012-S-0612	SS012-S	411	10	412	11	-	-	412
SS012-S-1218	SS012-S	814	17	477	12	543	13	611
SS012-S-1824	SS012-S	539	14	527	13	479	15	515

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS012-T-0002	SS012-T	292	7	288	7	275	7	285
SS012-T-0206	SS012-T	847	16	948	18	933	18	909
SS012-T-0612	SS012-T	1268	21	1267	22	1742	28	1,426
SS012-T-1218	SS012-T	1428	24	1871	29	1247	21	1,515
SS012-T-1824	SS012-T	826	16	1062	21	918	25	935
SS012-U-0002	SS012-U	2836	20	2582	17	2438	17	2,619
SS012-U-0206	SS012-U	1919	14	2823	19	1821	13	2,188
SS012-U-0612	SS012-U	1197	10	1395	10	1555	14	1,382
SS012-U-1218	SS012-U	1314	10	1219	10	1289	10	1,274
SS012-U-1824	SS012-U	1104	8	1299	10	984	8	1,129
SS012-W-0002	SS012-W	870	16	922	17	833	16	875
SS012-W-0206	SS012-W	1201	21	1190	21	1246	21	1,212
SS012-W-0612	SS012-W	1021	18	1164	20	1004	18	1,063
SS012-W-1218	SS012-W	925	17	864	17	901	17	897
SS012-W-1824	SS012-W	848	17	814	16	817	16	826
SS012-Y-0002	SS012-Y	168	3	236	3	198	2	201
SS012-Y-0206	SS012-Y	359	4	309	3	346	7	338
SS012-Y-0612	SS012-Y	1714	12	1580	13	1568	12	1,621
SS012-Y-1218	SS012-Y	1834	13	1623	11	1943	14	1,800
SS012-Y-1824	SS012-Y	2896	20	2789	20	3047	22	2,911
SS013-AA-0002	SS013-AA	2535	19	2767	20	3251	22	2,851
SS013-AA-0206	SS013-AA	3821	29	4241	32	4069	68	4,044
SS013-AA-0612	SS013-AA	6101	48	5715	45	6071	48	5,962
SS013-AA-1218	SS013-AA	5461	40	5129	40	3759	30	4,783
SS013-AA-1824	SS013-AA	3387	25	5285	37	3713	26	4,128
SS013-CC-0002	SS013-CC	509	5	459	5	441	5	470
SS013-CC-0206	SS013-CC	4308	32	2630	19	2227	17	3,055
SS013-CC-0612	SS013-CC	1602	11	2161	25	1438	11	1,734
SS013-CC-1218	SS013-CC	1801	13	1699	13	1353	11	1,618
SS013-CC-1824	SS013-CC	1691	14	1715	13	1727	15	1,711

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS013-EE-0002	SS013-EE	710	16	881	19	717	16	769
SS013-EE-0206	SS013-EE	867	18	1551	27	972	19	1,130
SS013-EE-0612	SS013-EE	2402	38	1660	28	1612	27	1,891
SS013-EE-1218	SS013-EE	1317	23	1101	21	1267	23	1,228
SS013-EE-1824	SS013-EE	750	16	836	17	876	18	821
SS013-FF-0002	SS013-FF	558	5	576	5	272	3	469
SS013-FF-0206	SS013-FF	1033	9	1129	10	815	8	992
SS013-FF-0612	SS013-FF	865	11	1046	9	889	7	933
SS013-FF-1218	SS013-FF	908	7	959	8	818	7	895
SS013-FF-1824	SS013-FF	838	7	1021	8	1023	12	961
SS013-GG-0002	SS013-GG	349	3	404	4	349	3	367
SS013-GG-0206	SS013-GG	693	6	678	6	588	5	653
SS013-GG-0612	SS013-GG	898	8	344	3	703	6	648
SS013-GG-1218	SS013-GG	671	6	694	6	838	7	734
SS013-GG-1824	SS013-GG	827	8	720	6	749	7	765
SS013-J-0002	SS013-J	246	9	235	8	255	9	245
SS013-J-0206	SS013-J	350	10	478	13	313	10	380
SS013-J-0612	SS013-J	405	11	366	10	400	11	390
SS013-J-1218	SS013-J	643	15	683	16	666	15	664
SS013-J-1824	SS013-J	741	15	450	11	833	16	675
SS013-L-0002	SS013-L	262	9	280	10	280	10	274
SS013-L-0206	SS013-L	712	16	359	10	783	16	618
SS013-L-0612	SS013-L	506	13	552	13	581	13	546
SS013-L-1218	SS013-L	594	13	599	13	611	14	601
SS013-L-1824	SS013-L	251	8	244	8	171	7	222
SS013-N-0002	SS013-N	524	5	308	3	345	3	392
SS013-N-0206	SS013-N	481	5	502	5	296	3	426
SS013-N-0612	SS013-N	408	4	513	5	453	5	458
SS013-N-1218	SS013-N	272	3	318	4	339	4	310
SS013-N-1824	SS013-N	78	2	108	2	91	2	92

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS013-P-0002	SS013-P	651	14	663	15	727	15	680
SS013-P-0206	SS013-P	786	16	799	16	779	16	788
SS013-P-0612	SS013-P	687	15	639	14	604	14	643
SS013-P-1218	SS013-P	688	15	730	16	698	15	705
SS013-P-1824	SS013-P	431	11	526	13	400	11	452
SS013-R-0002	SS013-R	279	11	302	9	308	10	296
SS013-R-0206	SS013-R	182	7	182	8	230	8	198
SS013-R-0612	SS013-R	242	8	249	9	206	8	232
SS013-R-1218	SS013-R	282	9	299	9	328	10	303
SS013-R-1824	SS013-R	168	7	113	6	195	7	159
SS013-T-0002	SS013-T	394	11	353	10	414	11	387
SS013-T-0206	SS013-T	514	12	495	12	479	12	496
SS013-T-0612	SS013-T	1574	25	1407	22	1416	22	1,466
SS013-T-1218	SS013-T	697	15	521	12	475	11	564
SS013-T-1824	SS013-T	855	16	643	14	2092	32	1,197
SS013-U-0002	SS013-U	732	15	402	11	462	11	532
SS013-U-0206	SS013-U	799	16	763	15	796	16	786
SS013-U-0612	SS013-U	334	10	267	9	367	11	323
SS013-U-1218	SS013-U	526	12	300	9	304	9	377
SS013-U-1824	SS013-U	236	8	311	9	336	10	294
SS013-V-0002	SS013-V	332	9	249	7	269	8	283
SS013-V-0206	SS013-V	473	11	554	13	517	12	515
SS013-V-0612	SS013-V	604	14	559	13	553	13	572
SS013-V-1218	SS013-V	172	7	141	6	257	8	190
SS013-V-1824	SS013-V	164	7	163	7	164	7	164
SS013-W-0002	SS013-W	553	12	512	11	478	11	514
SS013-W-0206	SS013-W	833	15	557	12	579	13	656
SS013-W-0612	SS013-W	577	13	535	13	447	11	520
SS013-W-1218	SS013-W	163	7	66	5	159	7	129
SS013-W-1824	SS013-W	260	9	239	9	252	8	250

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS013-X-0002	SS013-X	591	12	605	13	614	13	603
SS013-X-0206	SS013-X	741	15	635	14	816	16	731
SS013-X-0612	SS013-X	1905	30	1958	31	2405	35	2,089
SS013-X-1218	SS013-X	906	17	858	17	827	17	864
SS013-X-1824	SS013-X	559	13	594	13	702	15	618
SS013-Y-0002	SS013-Y	1982	30	2081	34	2140	33	2,068
SS013-Y-0206	SS013-Y	2254	34	2293	36	2469	37	2,339
SS013-Y-0612	SS013-Y	3586	49	4648	64	2959	43	3,731
SS013-Y-1218	SS013-Y	1146	23	1081	23	764	16	997
SS013-Y-1824	SS013-Y	1008	20	917	21	693	15	873
SS014-AA-0002	SS014-AA	285	8	156	16	199	6	213
SS014-AA-0206	SS014-AA	295	9	307	9	373	10	325
SS014-AA-0612	SS014-AA	400	11	496	12	469	12	455
SS014-AA-1218	SS014-AA	105	7	94	6	181	8	127
SS014-AA-1824	SS014-AA	73	6	72	6	58	7	68
SS014-BB-0002	SS014-BB	201	7	213	7	205	6	206
SS014-BB-0206	SS014-BB	428	11	431	11	405	11	421
SS014-BB-0612	SS014-BB	944	18	869	17	956	19	923
SS014-BB-1218	SS014-BB	709	16	837	17	821	17	789
SS014-BB-1824	SS014-BB	1027	19	823	17	756	16	869
SS014-CC-0002	SS014-CC	493	11	387	10	462	11	447
SS014-CC-0206	SS014-CC	254	8	295	9	282	9	277
SS014-CC-0612	SS014-CC	261	8	87	5	79	5	142
SS014-CC-1218	SS014-CC	47	4	59	5	59	4	55
SS014-CC-1824	SS014-CC	139	6	100	5	123	6	121
SS014-J-0002	SS014-J	232	3	257	3	239	3	243
SS014-J-0206	SS014-J	335	4	338	4	473	4	382
SS014-K-0002	SS014-K	444	11	333	10	443	11	407
SS014-K-0206	SS014-K	181	7	196	7	122	6	166
SS014-K-0612	SS014-K	253	8	160	6	289	8	234
SS014-K-1218	SS014-K	528	12	539	12	420	11	496
SS014-K-1824	SS014-K	308	9	411	10	375	10	365

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact

Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS014-L-0002	SS014-L	371	9	357	9	300	8	343
SS014-L-0206	SS014-L	709	15	456	11	464	11	543
SS014-L-0612	SS014-L	296	8	211	7	391	10	299
SS014-L-1218	SS014-L	506	11	539	12	406	10	484
SS014-L-1824	SS014-L	751	13	873	16	715	14	780
SS014-M-0002	SS014-M	316	8	517	12	-	-	417
SS014-M-0206	SS014-M	669	14	468	12	2223	44	1,120
SS014-M-0612	SS014-M	1743	27	1241	20	868	17	1,284
SS014-M-1218	SS014-M	993	21	1228	21	1130	21	1,117
SS014-O-0002	SS014-O	384	3	406	4	912	7	567
SS014-O-0206	SS014-O	1342	10	1886	13	1425	10	1,551
SS014-O-0612	SS014-O	2993	20	2724	19	3128	21	2,948
SS014-O-1218	SS014-O	3066	22	2772	20	2790	18	2,876
SS014-O-1824	SS014-O	83	6	57	6	23	3	54
SS014-Q-0002	SS014-Q	678	13	680	14	946	18	768
SS014-Q-0206	SS014-Q	1860	28	2115	34	1867	30	1,947
SS014-Q-0612	SS014-Q	936	18	883	19	1081	21	967
SS014-Q-1218	SS014-Q	1088	20	373	10	1059	20	840
SS014-Q-1824	SS014-Q	881	17	1041	19	826	17	916
SS014-R-0002	SS014-R	177	6	173	6	136	6	162
SS014-R-0206	SS014-R	1406	24	1248	22	1015	19	1,223
SS014-R-0612	SS014-R	913	17	960	17	966	18	946
SS014-R-1218	SS014-R	5201	73	4257	58	4193	56	4,550
SS014-R-1824	SS014-R	4811	68	3000	44	2957	45	3,589
SS014-S-0002	SS014-S	229	7	242	7	223	7	231
SS014-S-0206	SS014-S	640	13	480	12	603	13	574
SS014-S-0612	SS014-S	604	14	661	14	651	15	639
SS014-S-1218	SS014-S	528	12	437	11	380	11	448
SS014-S-1824	SS014-S	661	14	511	12	729	15	634

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS014-T-0002	SS014-T	107	5	100	5	80	5	96
SS014-T-0206	SS014-T	119	6	101	5	140	6	120
SS014-T-0612	SS014-T	83	5	77	5	106	6	89
SS014-T-1218	SS014-T	152	7	162	7	154	6	156
SS014-T-1824	SS014-T	92	5	138	6	94	6	108
SS014-U-0002	SS014-U	150	6	153	6	147	6	150
SS014-U-0206	SS014-U	148	6	164	6	175	6	162
SS014-U-0612	SS014-U	151	6	123	6	134	6	136
SS014-U-1218	SS014-U	125	6	107	5	96	5	109
SS014-U-1824	SS014-U	142	6	123	6	117	5	127
SS014-V-0002	SS014-V	267	8	256	8	271	8	265
SS014-V-0206	SS014-V	434	11	368	10	412	11	405
SS014-V-0612	SS014-V	281	9	357	10	303	9	314
SS014-V-1218	SS014-V	378	10	319	10	318	9	338
SS014-V-1824	SS014-V	386	11	337	10	358	10	360
SS014-X-0002	SS014-X	292	9	110	6	348	10	250
SS014-X-0206	SS014-X	586	14	609	14	553	13	583
SS014-X-0612	SS014-X	566	14	460	12	586	14	537
SS014-X-1218	SS014-X	472	12	596	15	482	13	517
SS014-X-1824	SS014-X	304	10	310	11	306	10	307
SS014-Z-0002	SS014-Z	544	13	1073	24	524	13	714
SS014-Z-0206	SS014-Z	421	12	521	14	403	12	448
SS014-Z-0612	SS014-Z	459	13	377	12	339	12	392
SS014-Z-1218	SS014-Z	511	14	518	14	537	15	522
SS014-Z-1824	SS014-Z	603	15	535	15	629	16	589
SS015-AA-0002	SS015-AA	193	6	214	6	185	6	197
SS015-AA-0206	SS015-AA	682	14	614	13	674	14	657
SS015-AA-0612	SS015-AA	568	13	493	11	629	13	563
SS015-AA-1218	SS015-AA	191	7	285	9	355	10	277
SS015-AA-1824	SS015-AA	536	10	570	12	481	11	529

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS015-BB-0002	SS015-BB	186	6	158	5	174	6	173
SS015-BB-0206	SS015-BB	333	9	322	9	348	10	334
SS015-BB-0612	SS015-BB	476	12	398	11	386	11	420
SS015-BB-1218	SS015-BB	247	9	330	11	241	10	273
SS015-BB-1824	SS015-BB	387	12	189	8	207	9	261
SS015-J-0002	SS015-J	754	15	740	15	724	15	739
SS015-J-0206	SS015-J	1091	20	798	17	1103	23	997
SS015-J-0612	SS015-J	2342	36	2246	36	1174	22	1,921
SS015-J-1218	SS015-J	3584	49	3826	68	1780	31	3,063
SS015-J-1824	SS015-J	2561	40	2087	36	3434	49	2,694
SS015-L-0002	SS015-L	1191	22	1267	23	1313	23	1,257
SS015-L-0206	SS015-L	2157	33	2650	41	2783	42	2,530
SS015-L-0612	SS015-L	3941	54	2811	40	6115	89	4,289
SS015-L-1218	SS015-L	6112	85	5605	76	7375	100	6,364
SS015-L-1824	SS015-L	6303	91	12386	182	6180	85	8,290
SS015-N-0002	SS015-N	404	9	342	8	253	7	333
SS015-N-0206	SS015-N	3226	46	2752	38	2399	34	2,792
SS015-N-0612	SS015-N	3230	46	2641	44	3110	45	2,994
SS015-N-1218	SS015-N	2800	37	3365	43	3409	45	3,191
SS015-N-1824	SS015-N	2572	37	2130	32	2239	31	2,314
SS015-O-0002	SS015-O	1186	19	880	16	990	17	1,019
SS015-O-0206	SS015-O	1641	25	1989	30	1654	25	1,761
SS015-O-0612	SS015-O	1509	24	1713	27	1586	24	1,603
SS015-O-1218	SS015-O	2160	33	3256	48	3388	47	2,935
SS015-O-1824	SS015-O	1848	28	2626	38	1538	24	2,004
SS015-P-0002	SS015-P	594	13	798	15	582	12	658
SS015-P-0206	SS015-P	1488	24	1754	27	1762	27	1,668
SS015-Q-0002	SS015-Q	924	15	723	13	935	15	861
SS015-Q-0206	SS015-Q	1163	20	1010	18	1093	19	1,089
SS015-Q-0612	SS015-Q	1744	27	1865	29	2082	32	1,897
SS015-Q-1218	SS015-Q	4477	61	3737	51	4140	58	4,118
SS015-Q-1824	SS015-Q	3140	48	3526	53	4409	66	3,692

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS015-R-0002	SS015-R	1406	20	1426	20	1554	23	1,462
SS015-R-0206	SS015-R	1927	27	1958	27	1934	27	1,940
SS015-R-0612	SS015-R	1217	19	1087	18	935	16	1,080
SS015-R-1218	SS015-R	1358	21	909	15	1588	23	1,285
SS015-R-1824	SS015-R	1889	27	1787	26	2173	30	1,950
SS015-S-0002	SS015-S	264	8	264	8	235	8	254
SS015-S-0206	SS015-S	418	11	389	10	450	11	419
SS015-S-0612	SS015-S	347	10	366	10	355	11	356
SS015-S-1218	SS015-S	177	8	145	6	159	6	160
SS015-S-1824	SS015-S	170	7	179	7	196	7	182
SS015-T-0002	SS015-T	238	7	216	7	219	7	224
SS015-T-0206	SS015-T	111	5	94	5	65	5	90
SS015-T-0612	SS015-T	166	6	161	6	222	7	183
SS015-T-1218	SS015-T	219	8	413	11	238	8	290
SS015-T-1824	SS015-T	180	7	238	8	247	8	222
SS015-U-0002	SS015-U	152	6	139	6	139	6	143
SS015-U-0206	SS015-U	149	6	103	5	195	7	149
SS015-U-0612	SS015-U	296	8	329	10	297	9	307
SS015-U-1218	SS015-U	477	12	394	11	377	10	416
SS015-U-1824	SS015-U	342	11	253	8	286	8	294
SS015-W-0002	SS015-W	195	7	202	7	199	7	199
SS015-W-0206	SS015-W	280	9	207	9	242	9	243
SS015-W-0612	SS015-W	325	9	290	9	266	9	294
SS015-W-1218	SS015-W	307	9	306	9	423	11	345
SS015-W-1824	SS015-W	351	10	406	11	308	9	355
SS015-Y-0002	SS015-Y	268	9	242	9	273	9	261
SS015-Y-0206	SS015-Y	158	8	174	8	160	8	164
SS015-Y-0612	SS015-Y	346	10	308	9	309	9	321
SS015-Y-1218	SS015-Y	85	5	78	4	105	5	89
SS015-Y-1824	SS015-Y	225	7	220	7	203	7	216

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS015-Z-0002	SS015-Z	186	6	207	6	202	6	198
SS015-Z-0206	SS015-Z	361	9	269	8	323	9	318
SS015-Z-0612	SS015-Z	305	9	500	11	260	8	355
SS015-Z-1218	SS015-Z	535	12	425	10	197	8	386
SS015-Z-1824	SS015-Z	200	7	165	6	208	7	191
SS017-F-0002	SS017-F	38	3	44	3	60	4	47
SS017-F-0206	SS017-F	48	3	48	3	37	3	44
SS017-G-0002	SS017-G	506	11	497	11	352	11	452
SS017-G-0206	SS017-G	480	10	734	13	630	13	615
SS017-I-0002	SS017-I	559	10	540	10	488	10	529
SS017-I-0206	SS017-I	561	12	515	12	842	15	639
SS017-I-0612	SS017-I	169	7	230	8	209	7	203
SS017-K-0002	SS017-K	323	8	239	7	220	7	261
SS017-K-0206	SS017-K	343	10	299	10	323	8	322
SS017-M-0002	SS017-M	391	10	430	10	368	9	396
SS017-M-0206	SS017-M	511	11	545	11	602	12	553
SS017-N-0002	SS017-N	305	7	271	7	289	7	288
SS017-N-0206	SS017-N	662	13	564	12	602	12	609
SS017-O-0002	SS017-O	784	15	894	16	776	15	818
SS017-O-0206	SS017-O	371	9	286	7	296	7	318
SS017-P-0002	SS017-P	286	7	391	8	314	7	330
SS017-P-0206	SS017-P	619	12	660	13	625	13	635
SS017-Q-0002	SS017-Q	780	15	727	14	741	14	749
SS017-Q-0206	SS017-Q	795	15	883	16	887	16	855
SS017-Q-0612	SS017-Q	513	12	279	9	326	10	373
SS017-S-0002	SS017-SS	520	11	600	12	586	12	569
SS017-S-0206	SS017-SS	165	6	183	7	156	7	168
SS017-U-0002	SS017-U	602	12	435	10	440	10	492
SS017-U-0206	SS017-U	690	14	454	11	424	10	523
SS017-W-0002	SS017-W	547	12	503	12	591	13	547
SS017-W-0206	SS017-W	551	13	394	11	398	11	448
SS017-X-0002	SS017-X	275	7	267	7	252	6	265
SS017-X-0206	SS017-X	598	12	437	10	506	11	514
SS017-X-0612	SS017-X	288	8	291	9	273	8	284

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact

Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS017-Y-0002	SS017-Y	435	10	388	9	494	11	439
SS017-Y-0206	SS017-Y	393	10	444	11	467	11	435
SS019-F-0002	SS019-F	491	11	367	9	485	11	448
SS019-F-0206	SS019-F	331	9	268	8	421	10	340
SS019-H-0002	SS019-H	532	11	671	14	641	13	615
SS019-H-0206	SS019-H	403	10	461	11	384	10	416
SS019-H-0612	SS019-H	328	9	325	9	304	9	319
SS019-J-0002	SS019-J	555	11	499	11	520	11	525
SS019-J-0206	SS019-J	590	12	533	11	584	12	569
SS019-L-0002	SS019-L	583	12	523	11	550	12	552
SS019-L-0206	SS019-L	655	13	586	13	621	13	621
SS019-M-0002	SS019-M	536	11	574	11	500	10	537
SS019-M-0206	SS019-M	811	15	767	14	618	13	732
SS019-M-0612	SS019-M	462	11	412	10	424	10	433
SS019-M-1218	SS019-M	478	12	507	12	520	12	502
SS019-M-1824	SS019-M	296	9	343	10	223	8	287
SS019-N-0002	SS019-N	534	12	544	12	458	10	512
SS019-N-0206	SS019-N	453	11	597	13	431	11	494
SS019-O-0002	SS019-O	513	11	477	11	491	11	494
SS019-O-0206	SS019-O	331	10	290	9	345	10	322
SS019-Q-0002	SS019-Q	469	10	505	11	440	10	471
SS019-Q-0206	SS019-Q	362	10	360	10	480	11	401
SS019-S-0002	SS019-S	529	12	505	11	478	11	504
SS019-S-0206	SS019-S	587	13	579	12	598	13	588
SS019-S-0612	SS019-S	243	8	247	8	216	8	235
SS019-U-0002	SS019-U	442	10	482	11	479	11	468
SS019-U-0206	SS019-U	519	11	555	12	529	12	534
SS019-V-0002	SS019-V	500	11	612	12	530	11	547
SS019-V-0206	SS019-V	312	9	329	9	338	9	326
SS019-W-0002	SS019-W	267	7	271	7	251	7	263
SS019-W-0206	SS019-W	288	8	243	8	249	8	260

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS023-F-0002	SS023-F	121	5	177	6	130	5	143
SS023-F-0206	SS023-F	175	6	160	6	158	6	164
SS023-F-0612	SS023-F	292	9	237	8	377	10	302
SS023-F-1218	SS023-F	325	9	311	9	181	7	272
SS023-F-1824	SS023-F	272	9	254	8	297	9	274
SS023-G-0002	SS023-G	276	7	310	8	414	10	333
SS023-G-0206	SS023-G	563	11	493	11	436	10	497
SS023-G-0612	SS023-G	826	15	858	15	874	15	853
SS023-G-1218	SS023-G	638	13	415	10	573	12	542
SS023-G-1824	SS023-G	207	7	243	8	242	8	231
SS023-H-0002	SS023-H	261	7	238	7	296	8	265
SS023-H-0206	SS023-H	205	7	215	7	247	8	222
SS023-H-0612	SS023-H	299	8	193	7	194	6	229
SS023-H-1218	SS023-H	149	6	159	6	134	6	147
SS023-H-1824	SS023-H	105	5	150	6	149	6	135
SS023-I-0002	SS023-I	212	7	238	8	256	8	235
SS023-I-0206	SS023-I	236	8	229	8	224	8	230
SS023-I-0612	SS023-I	259	8	225	8	231	8	238
SS023-I-1218	SS023-I	210	8	217	8	229	8	219
SS023-I-1824	SS023-I	194	7	192	7	174	7	187
SS023-J-0002	SS023-J	535	12	551	12	401	12	496
SS023-J-0206	SS023-J	413	11	455	11	417	11	428
SS023-J-0612	SS023-J	295	9	316	9	297	9	303
SS023-J-1218	SS023-J	303	9	426	11	308	9	346
SS023-J-1824	SS023-J	212	8	256	8	240	8	236
SS023-K-0002	SS023-K	680	14	756	15	804	16	747
SS023-K-0206	SS023-K	445	11	445	11	509	12	466
SS023-K-0612	SS023-K	326	9	340	10	377	10	348
SS023-K-1218	SS023-K	292	9	254	8	296	9	281
SS023-K-1824	SS023-K	279	9	275	8	269	9	274

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS023-L-0002	SS023-L	515	11	482	11	428	11	475
SS023-L-0206	SS023-L	2636	35	917	16	1197	20	1,583
SS023-L-0612	SS023-L	1191	20	1108	19	1025	18	1,108
SS023-L-1218	SS023-L	671	14	587	13	564	13	607
SS023-L-1824	SS023-L	515	12	385	10	433	12	444
SS023-M-0002	SS023-M	571	12	647	13	637	13	618
SS023-M-0206	SS023-M	1883	27	852	15	940	16	1,225
SS023-M-0612	SS023-M	939	16	1010	17	796	15	915
SS023-M-1218	SS023-M	1085	18	881	17	914	16	960
SS023-M-1824	SS023-M	1376	25	1492	22	653	15	1,174
SS023-N-0002	SS023-N	489	10	442	10	487	11	473
SS023-N-0206	SS023-N	407	10	420	10	419	10	415
SS023-N-0612	SS023-N	295	8	280	8	303	9	293
SS023-N-1218	SS023-N	216	7	235	7	242	7	231
SS023-N-1824	SS023-N	263	8	288	8	277	8	276
SS023-O-0002	SS023-O	132	5	126	5	91	4	116
SS023-O-0206	SS023-O	193	6	163	6	184	6	180
SS023-O-0612	SS023-O	212	7	214	7	195	7	207
SS023-O-1218	SS023-O	195	6	218	8	236	7	216
SS023-O-1824	SS023-O	208	7	210	7	226	7	215
SS023-P-0002	SS023-P	581	13	524	12	479	11	528
SS023-P-0206	SS023-P	657	15	617	14	493	12	589
SS023-P-0612	SS023-P	261	8	185	7	248	8	231
SS023-P-1218	SS023-P	303	9	263	9	271	9	279
SS023-P-1824	SS023-P	219	8	253	9	226	8	233
SS023-Q-0002	SS023-Q	264	7	289	7	283	7	279
SS023-Q-0206	SS023-Q	514	11	382	9	365	9	420
SS023-Q-0612	SS023-Q	405	9	415	10	383	9	401
SS023-Q-1218	SS023-Q	162	6	158	6	157	6	159
SS023-Q-1824	SS023-Q	462	10	311	8	275	8	349
SS023-R-0002	SS023-R	255	8	283	8	297	8	278
SS023-R-0206	SS023-R	242	8	214	7	259	8	238
SS023-S-0002	SS023-S	234	7	242	7	194	7	223
SS023-S-0206	SS023-S	310	9	253	8	303	9	289

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact

Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS025-F-0002	SS025-F	419	10	396	10	294	8	370
SS025-F-0206	SS025-F	414	10	346	10	313	9	358
SS025-F-0612	SS025-F	198	8	222	8	227	8	216
SS025-F-1218	SS025-F	182	7	148	7	141	7	157
SS025-F-1824	SS025-F	65	5	218	8	148	7	144
SS026-BB-0002	SS026-BB	260	8	256	8	320	9	279
SS026-BB-0206	SS026-BB	165	6	188	7	166	6	173
SS026-BB-0612	SS026-BB	148	6	161	6	128	6	146
SS026-BB-1218	SS026-BB	143	6	103	5	138	6	128
SS026-BB-1824	SS026-BB	163	7	118	6	122	6	134
SS026-CC-0002	SS026-CC	325	9	398	10	401	10	375
SS026-CC-0206	SS026-CC	757	15	693	14	1804	27	1,085
SS026-CC-0612	SS026-CC	367	10	286	9	263	8	305
SS026-CC-1218	SS026-CC	304	9	335	9	224	8	288
SS026-CC-1824	SS026-CC	249	8	271	8	291	8	270
SS026-F-0002	SS026-F	386	9	365	9	358	9	370
SS026-F-0206	SS026-F	542	12	331	9	439	10	437
SS026-F-0612	SS026-F	165	6	200	7	196	7	187
SS026-F-1218	SS026-F	178	7	186	7	179	7	181
SS026-F-1824	SS026-F	199	7	200	7	188	7	196
SS026-H-0002	SS026-H	432	12	366	14	279	16	359
SS026-H-0206	SS026-H	334	9	396	10	-	-	365
SS026-H-0612	SS026-H	222	8	224	7	239	8	228
SS026-H-1218	SS026-H	264	8	251	8	299	8	271
SS026-H-1824	SS026-H	252	8	267	8	338	9	286
SS026-I-0002	SS026-I	475	12	505	12	539	13	506
SS026-I-0206	SS026-I	325	9	357	10	334	9	339
SS026-I-0612	SS026-I	303	9	217	7	209	7	243
SS026-I-1218	SS026-I	201	7	196	7	207	7	201
SS026-I-1824	SS026-I	309	9	288	9	283	9	293

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS026-J-0002	SS026-J	417	10	419	10	432	10	423
SS026-J-0206	SS026-J	591	12	1554	23	655	13	933
SS026-J-0612	SS026-J	410	10	399	10	355	10	388
SS026-J-1218	SS026-J	259	8	239	8	284	9	261
SS026-J-1824	SS026-J	418	10	478	11	471	11	456
SS026-K-0002	SS026-K	402	10	444	10	242	7	363
SS026-K-0206	SS026-K	525	12	537	12	521	12	528
SS026-K-0612	SS026-K	209	7	244	8	212	7	222
SS026-K-1218	SS026-K	388	10	348	9	314	9	350
SS026-K-1824	SS026-K	641	13	406	10	418	10	488
SS026-L-0002	SS026-L	351	9	349	10	342	8	347
SS026-L-0206	SS026-L	502	12	460	10	474	11	479
SS026-L-0612	SS026-L	417	11	318	9	301	9	345
SS026-L-1218	SS026-L	229	7	256	8	221	8	235
SS026-L-1824	SS026-L	201	7	187	7	126	6	171
SS026-M-0002	SS026-M	381	10	322	9	352	10	352
SS026-M-0206	SS026-M	486	12	579	13	512	12	526
SS026-M-0612	SS026-M	474	11	666	14	513	12	551
SS026-M-1218	SS026-M	488	12	484	11	658	13	543
SS026-M-1824	SS026-M	494	12	521	12	664	14	560
SS026-N-0002	SS026-N	395	10	411	10	422	11	409
SS026-N-0206	SS026-N	506	12	477	12	644	14	542
SS026-N-0612	SS026-N	294	9	270	9	247	8	270
SS026-N-1218	SS026-N	379	10	314	9	316	9	336
SS026-N-1824	SS026-N	281	9	275	8	259	8	272
SS026-P-0002	SS026-P	516	11	605	12	569	12	563
SS026-P-0206	SS026-P	514	12	479	11	503	12	499
SS026-P-0612	SS026-P	655	13	595	12	526	12	592
SS026-P-1218	SS026-P	569	12	947	17	614	13	710
SS026-P-1824	SS026-P	506	11	475	11	407	10	463

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS026-R-0002	SS026-R	460	10	477	10	436	10	458
SS026-R-0206	SS026-R	626	13	598	12	554	12	593
SS026-R-0612	SS026-R	307	9	253	8	317	9	292
SS026-R-1218	SS026-R	530	12	509	11	519	11	519
SS026-R-1824	SS026-R	445	10	489	11	507	11	480
SS026-S-0002	SS026-S	444	11	437	11	447	11	443
SS026-S-0206	SS026-S	441	12	417	11	438	11	432
SS026-S-0612	SS026-S	419	11	414	11	435	11	423
SS026-S-1218	SS026-S	223	8	302	9	250	8	258
SS026-S-1824	SS026-S	250	8	241	8	252	8	248
SS026-T-0002	SS026-T	167	6	172	6	239	8	193
SS026-T-0206	SS026-T	131	6	218	7	167	6	172
SS026-T-0612	SS026-T	214	7	196	7	178	7	196
SS026-T-1218	SS026-T	155	6	157	7	161	6	158
SS026-T-1824	SS026-T	167	7	123	6	126	6	139
SS026-V-0002	SS026-V	104	4	84	4	96	4	95
SS026-V-0206	SS026-V	117	5	137	5	160	6	138
SS026-V-0612	SS026-V	427	10	408	9	412	9	416
SS026-V-1218	SS026-V	1025	18	809	15	822	15	885
SS026-V-1824	SS026-V	629	13	561	12	1013	16	734
SS026-X-0002	SS026-X	402	10	467	11	410	10	426
SS026-X-0206	SS026-X	717	14	638	14	710	15	688
SS026-Z-0002	SS026-Z	621	13	592	13	566	12	593
SS026-Z-0206	SS026-Z	638	14	634	13	732	15	668
SS027-F-0002	SS027-F	111	2	98	2	135	2	115
SS027-F-0206	SS027-F	623	7	576	5	593	7	597
SS027-G-0002	SS027-G	481	11	574	13	464	11	506
SS027-G-0206	SS027-G	542	13	551	13	545	13	546
SS027-I-0002	SS027-I	717	15	574	11	570	14	620
SS027-I-0206	SS027-I	778	17	939	17	795	16	837
SS027-I-0612	SS027-I	339	9	277	8	307	10	308
SS027-K-0002	SS027-K	503	11	527	11	482	11	504
SS027-K-0206	SS027-K	982	20	673	14	514	15	723

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact

Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS027-M-0002	SS027-M	197	6	220	7	195	6	204
SS027-M-0206	SS027-M	287	9	297	8	276	8	287
SS027-N-0002	SS027-N	435	4	432	4	444	4	437
SS027-N-0206	SS027-N	624	5	686	6	607	5	639
SS027-O-0002	SS027-O	474	11	461	10	298	8	411
SS027-O-0206	SS027-O	660	14	719	14	657	13	679
SS027-O-0612	SS027-O	461	11	633	13	445	10	513
SS027-O-1218	SS027-O	393	10	360	10	410	10	388
SS027-P-0002	SS027-P	306	3	289	3	338	3	311
SS027-P-0206	SS027-P	322	4	274	3	180	3	259
SS027-Q-0002	SS027-Q	317	9	306	8	319	9	314
SS027-Q-0206	SS027-Q	472	12	494	12	490	12	485
SS027-S-0002	SS027-S	118	6	116	6	100	6	111
SS027-S-0206	SS027-S	69	5	50	4	72	5	64
SS027-U-0002	SS027-U	467	4	952	7	439	4	619
SS027-U-0206	SS027-U	184	3	162	4	164	4	170
SS027-W-0002	SS027-W	444	11	472	11	436	11	451
SS027-W-0206	SS027-W	285	9	472	12	380	10	379
SS027-X-0002	SS027-X	399	10	405	10	409	11	404
SS027-X-0206	SS027-X	866	17	757	15	762	15	795
SS027-X-0612	SS027-X	199	7	163	7	243	8	202
SS027-Y-0002	SS027-Y	470	4	496	5	528	5	498
SS027-Y-0206	SS027-Y	722	6	634	6	625	5	660
SS027-Y-0612	SS027-Y	410	11	475	11	450	11	445
SS027-Y-1218	SS027-Y	278	9	303	9	302	9	294
SS028-BB-0002	SS028-BB	651	14	696	14	697	14	681
SS028-BB-0206	SS028-BB	163	7	188	7	133	7	161
SS028-DD-0002	SS028-DD	416	10	396	10	409	10	407
SS028-DD-0206	SS028-DD	589	14	687	16	596	14	624
SS028-DD-0612	SS028-DD	257	8	325	9	323	9	302
SS028-EE-0002	SS028-EE	445	11	498	11	463	11	469
SS028-EE-0206	SS028-EE	477	11	520	12	506	12	501
SS028-F-0002	SS028-F	248	8	288	9	269	8	268
SS028-F-0206	SS028-F	335	9	302	9	292	9	310

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact

Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS028-GG-0002	SS028-GG	453	11	523	13	536	13	504
SS028-GG-0206	SS028-GG	546	13	485	12	653	16	561
SS028-H-0002	SS028-H	395	10	341	10	390	10	375
SS028-H-0206	SS028-H	321	9	326	9	275	9	307
SS028-II-0002	SS028-II	215	6	206	6	179	6	200
SS028-II-0206	SS028-II	500	12	272	9	428	10	400
SS028-J-0002	SS028-J	512	12	557	13	441	11	503
SS028-J-0206	SS028-J	690	14	694	15	620	14	668
SS028-J-0612	SS028-J	262	8	265	8	301	9	276
SS028-JJ-0002	SS028-JJ	513	12	534	12	476	12	508
SS028-JJ-0206	SS028-JJ	187	7	212	8	231	8	210
SS028-KK-0002	SS028-KK	423	10	439	10	402	10	421
SS028-KK-0206	SS028-KK	404	10	376	10	378	10	386
SS028-L-0002	SS028-L	580	13	524	12	512	12	539
SS028-L-0206	SS028-L	502	12	392	10	428	11	441
SS028-O-0002	SS028-O	604	13	538	12	700	15	614
SS028-O-0206	SS028-O	555	13	611	14	594	13	587
SS028-O-0612	SS028-O	169	7	199	7	178	7	182
SS028-Q-0002	SS028-Q	564	13	535	12	603	13	567
SS028-Q-0206	SS028-Q	323	10	309	9	306	9	313
SS028-S-0002	SS028-S	455	11	502	12	494	13	484
SS028-S-0206	SS028-S	198	7	314	10	285	10	266
SS028-U-0002	SS028-U	559	12	569	13	601	13	576
SS028-U-0206	SS028-U	251	8	299	9	357	10	302
SS028-V-0002	SS028-V	385	10	368	10	380	10	378
SS028-V-0206	SS028-V	431	11	382	10	440	11	418
SS028-X-0002	SS028-X	311	9	259	8	292	8	287
SS028-X-0206	SS028-X	243	8	175	7	242	8	220
SS028-Z-0002	SS028-Z	760	15	575	12	714	15	683
SS028-Z-0206	SS028-Z	594	13	543	13	663	14	600
SS029-F-0002	SS029-F	605	5	466	4	524	5	532
SS029-F-0206	SS029-F	588	5	543	5	625	5	585
SS029-F-0612	SS029-F	190	7	226	8	454	11	290

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS029-H-0002	SS029-H	727	9	687	6	546	5	653
SS029-H-0206	SS029-H	353	4	318	4	353	4	341
SS029-J-0002	SS029-J	605	13	833	16	664	15	701
SS029-J-0206	SS029-J	136	6	140	6	230	9	169
SS029-L-0002	SS029-L	928	17	695	14	785	16	803
SS029-L-0206	SS029-L	677	14	620	14	666	14	654
SS029-L-0612	SS029-L	218	7	250	8	180	7	216
SS029-M-0002	SS029-M	90	5	97	5	94	5	94
SS029-M-0206	SS029-M	62	4	79	5	59	4	67
SS029-N-0002	SS029-N	475	11	535	14	495	11	502
SS029-N-0206	SS029-N	615	14	562	14	544	13	574
SS029-N-0612	SS029-N	509	13	654	16	439	11	534
SS029-N-1218	SS029-N	351	10	390	10	285	9	342
SS029-O-0002	SS029-O	475	11	537	12	530	12	514
SS029-O-0206	SS029-O	443	12	486	12	461	12	463
SS029-Q-0002	SS029-Q	355	10	374	10	366	10	365
SS029-Q-0206	SS029-Q	342	10	375	10	385	11	367
SS029-S-0002	SS029-S	646	14	722	15	705	15	691
SS029-S-0206	SS029-S	540	13	543	14	472	12	518
SS029-S-0612	SS029-S	303	9	252	8	299	12	285
SS029-U-0002	SS029-U	431	11	398	10	418	10	416
SS029-U-0206	SS029-U	353	10	331	10	315	11	333
SS029-V-0002	SS029-V	392	12	360	10	535	12	429
SS029-V-0206	SS029-V	273	9	284	9	286	9	281
SS029-W-0002	SS029-W	309	95	375	9	390	9	358
SS029-W-0206	SS029-W	421	10	270	9	409	10	367
SS030-AA-0002	SS030-AA	88	2	80	2	83	1	84
SS030-AA-0206	SS030-AA	255	3	210	3	277	3	247
SS030-BB-0002	SS030-BB	253	3	259	3	256	3	256
SS030-BB-0206	SS030-BB	448	4	477	4	474	4	466
SS030-BB-0612	SS030-BB	242	8	227	8	264	8	244
SS030-CC-0002	SS030-CC	352	3	315	3	362	3	343
SS030-CC-0206	SS030-CC	208	3	208	3	162	2	193

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact

Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS030-DD-0002	SS030-DD	572	5	498	4	542	5	537
SS030-DD-0206	SS030-DD	672	6	622	5	624	5	639
SS030-DD-0612	SS030-DD	290	9	280	9	193	7	254
SS030-EE-0002	SS030-EE	336	3	319	3	368	4	341
SS030-EE-0206	SS030-EE	290	3	248	3	283	3	274
SS030-F-0002	SS030-F	561	12	519	12	683	14	588
SS030-F-0206	SS030-F	335	9	265	9	352	10	317
SS030-H-0002	SS030-H	480	11	451	11	480	12	470
SS030-H-0206	SS030-H	177	7	271	8	336	10	261
SS030-J-0002	SS030-J	625	13	617	13	733	15	658
SS030-J-0206	SS030-J	577	13	760	16	1048	20	795
SS030-J-0612	SS030-J	289	9	284	9	326	9	300
SS030-L-0002	SS030-L	406	10	356	10	315	9	359
SS030-L-0206	SS030-L	442	11	418	11	380	10	413
SS030-N-0002	SS030-N	686	14	602	13	549	13	612
SS030-N-0206	SS030-N	669	15	684	14	779	16	711
SS030-P-0002	SS030-P	267	8	286	9	259	9	271
SS030-P-0206	SS030-P	297	9	280	9	341	10	306
SS030-R-0002	SS030-R	566	13	508	12	552	12	542
SS030-R-0206	SS030-R	245	8	267	10	171	7	228
SS030-T-0002	SS030-T	597	13	549	12	683	16	610
SS030-T-0206	SS030-T	266	9	241	8	264	9	257
SS030-U-0002	SS030-U	309	9	270	9	261	10	280
SS030-U-0206	SS030-U	688	14	1029	19	617	14	778
SS030-U-0612	SS030-U	73	5	83	5	64	5	73
SS030-W-0002	SS030-W	318	9	333	9	323	9	325
SS030-W-0206	SS030-W	491	12	264	8	291	9	349
SS030-Y-0002	SS030-Y	410	4	421	4	425	4	419
SS030-Y-0206	SS030-Y	367	4	412	4	354	4	378
SS031-F-0002	SS031-F	238	6	324	8	294	7	285
SS031-F-0206	SS031-F	205	8	289	8	301	8	265
SS031-F-0612	SS031-F	221	7	205	7	213	7	213
SS031-F-1218	SS031-F	257	8	280	8	236	7	258
SS031-F-1824	SS031-F	273	8	264	8	256	7	264

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS031-G-0002	SS031-G	302	8	318	8	300	8	307
SS031-G-0206	SS031-G	307	8	325	9	318	8	317
SS031-G-0612	SS031-G	359	9	341	9	307	8	336
SS031-G-1218	SS031-G	255	7	152	6	148	6	185
SS031-G-1824	SS031-G	141	6	148	6	132	6	140
SS031-H-0002	SS031-H	459	10	456	10	409	10	441
SS031-H-0206	SS031-H	489	11	557	12	484	11	510
SS031-H-0612	SS031-H	185	7	647	14	229	7	354
SS031-H-1218	SS031-H	152	6	135	6	141	6	143
SS031-H-1824	SS031-H	182	7	135	6	191	7	169
SS031-I-0002	SS031-I	211	7	176	6	171	6	186
SS031-I-0206	SS031-I	371	10	341	9	425	10	379
SS031-I-0612	SS031-I	373	10	617	12	280	8	423
SS031-I-1218	SS031-I	449	11	490	11	448	11	462
SS031-I-1824	SS031-I	365	9	366	9	372	9	368
SS031-J-0002	SS031-J	361	9	431	10	362	9	385
SS031-J-0206	SS031-J	563	12	588	13	424	10	525
SS031-J-0612	SS031-J	805	16	475	11	458	11	579
SS031-J-1218	SS031-J	2774	38	1538	25	2176	32	2,163
SS031-J-1824	SS031-J	1903	28	1305	22	1748	28	1,652
SS031-L-0002	SS031-L	966	18	945	18	936	18	949
SS031-L-0206	SS031-L	781	16	823	17	760	16	788
SS031-L-0612	SS031-L	1015	19	982	18	1202	22	1,066
SS031-L-1218	SS031-L	410	11	394	11	178	7	327
SS031-L-1824	SS031-L	325	9	248	8	366	10	313
SS031-N-0002	SS031-N	1371	22	3052	47	1371	23	1,931
SS031-N-0206	SS031-N	1356	23	1465	24	2095	32	1,639
SS031-N-0612	SS031-N	1274	24	1022	21	1018	20	1,105
SS031-N-1218	SS031-N	154	7	61	5	34	4	83
SS031-N-1824	SS031-N	521	12	354	10	420	11	432

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 1
X-Ray Fluorescence (XRF) Soil Screening Results For Lead
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Lead (Pb) Result 1	{+/-}	Lead (Pb) Result 2	{+/-}	Lead (Pb) Result 3	{+/-}	Lead (Pb) Average Results
SS031-P-0002	SS031-P	681	13	595	12	657	13	644
SS031-P-0206	SS031-P	574	12	612	13	600	13	595
SS031-P-0612	SS031-P	520	11	470	11	520	11	503
SS031-P-1218	SS031-P	420	10	466	11	453	10	446
SS031-P-1824	SS031-P	510	12	560	13	500	12	523
SS031-R-0002	SS031-R	414	11	409	10	411	10	411
SS031-R-0206	SS031-R	380	10	348	10	402	10	377
SS031-R-0612	SS031-R	486	12	420	11	491	12	466
SS031-R-1218	SS031-R	429	11	360	10	417	11	402
SS031-R-1824	SS031-R	392	10	364	10	425	11	394
SS031-S-0002	SS031-S	566	12	570	12	506	11	547
SS031-S-0206	SS031-S	490	12	481	11	646	14	539
SS031-S-0612	SS031-S	410	11	446	11	403	10	420
SS031-S-1218	SS031-S	247	9	322	10	310	10	293
SS031-S-1824	SS031-S	260	10	188	8	280	10	243
SS031-T-0002	SS031-T	295	8	272	8	276	8	281
SS031-T-0206	SS031-T	165	6	176	7	151	6	164
SS031-T-0612	SS031-T	154	6	125	6	125	6	135
SS031-T-1218	SS031-T	272	8	254	8	262	8	263
SS031-T-1824	SS031-T	380	11	1294	22	316	9	663
SS031-V-0002	SS031-V	267	7	221	6	271	7	253
SS031-V-0206	SS031-V	296	8	320	9	301	8	306
SS031-V-0612	SS031-V	300	8	330	9	356	9	329
SS031-V-1218	SS031-V	1244	20	1030	17	795	15	1,023
SS031-V-1824	SS031-V	387	10	1048	19	437	11	624
SS031-W-0002	SS031-W	195	6	220	6	200	6	205
SS031-W-0206	SS031-W	228	7	297	8	261	8	262
SS031-W-0206	SS031-W	258	8	276	8	264	8	266
SS031-W-1218	SS031-W	226	7	240	7	242	7	236
SS031-W-1824	SS031-W	296	8	328	9	320	9	315

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

Results exceeding the New Jersey Administrative Code (NJAC) Residential Direct Contact
Soil Remediation Standard of 400 mg/kg for lead are bolded and highlighted in red.

Table 2
X-Ray Fluorescence (XRF) Soil Screening Results For Tin
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Tin (Sn) Result 1	{+/-}	Tin (Sn) Result 2	{+/-}	Tin (Sn) Result 3	{+/-}	Tin (Sn) Average Results
SS012-CC-0002	SS012-CC	142	4	38	3	78	4	86
SS012-CC-0206	SS012-CC	1257	10	1106	9	833	8	1,065
SS012-CC-0612	SS012-CC	421	6	553	6	419	6	464
SS012-CC-1218	SS012-CC	490	7	481	6	751	8	574
SS012-CC-1824	SS012-CC	2183	15	1951	14	1674	12	1,936
SS012-DD-0002	SS012-DD	35	4	43	4	37	4	38
SS012-DD-0206	SS012-DD	117	5	91	5	69	5	92
SS012-DD-0612	SS012-DD	43	5	66	5	44	5	51
SS012-DD-1218	SS012-DD	30	5	26	5	50	5	35
SS012-K-0002	SS012-K	62	5	71	5	83	5	72
SS012-K-0206	SS012-K	186	5	130	5	144	5	153
SS012-K-0612	SS012-K	279	5	350	6	353	6	327
SS012-K-1218	SS012-K	431	6	509	6	413	6	451
SS012-K-1824	SS012-K	160	5	194	5	217	5	190
SS012-L-0002	SS012-L	ND	74	82	25	95	25	89
SS012-L-0206	SS012-L	101	26	ND	79	ND	96	101
SS012-L-0612	SS012-L	87	26	89	26	ND	87	88
SS012-L-1218	SS012-L	ND	77	ND	76	ND	79	ND
SS012-L-1824	SS012-L	ND	73	ND	73	ND	72	ND
SS012-O-0002	SS012-O	42	4	41	4	29	5	37
SS012-O-0206	SS012-O	60	5	44	4	45	4	50
SS012-O-0612	SS012-O	43	6	33	5	39	5	38
SS012-O-1218	SS012-O	350	6	165	5	323	6	279
SS012-O-1824	SS012-O	95	5	43	5	35	5	58
SS012-R-0002	SS012-R	78	4	112	4	104	4	98
SS012-R-0206	SS012-R	245	11	263	5	278	5	262
SS012-R-0612	SS012-R	546	6	554	6	400	5	500
SS012-R-1218	SS012-R	137	4	509	9	331	6	326
SS012-R-1824	SS012-R	197	5	253	5	274	5	241
SS012-U-0002	SS012-U	3276	21	2357	15	2395	16	2,676
SS012-U-0206	SS012-U	2042	15	1923	13	1535	11	1,833
SS012-U-0612	SS012-U	1274	10	1486	11	1390	13	1,383
SS012-U-1218	SS012-U	1360	10	1095	10	1273	10	1,243
SS012-U-1824	SS012-U	953	8	938	8	921	8	937
SS012-Y-0002	SS012-Y	119	5	146	4	166	4	144
SS012-Y-0206	SS012-Y	209	5	240	5	254	9	234
SS012-Y-0612	SS012-Y	1889	13	2100	16	1514	11	1,834
SS012-Y-1218	SS012-Y	2916	19	2491	15	3562	23	2,990
SS012-Y-1824	SS012-Y	4843	31	4200	27	5485	37	4,843

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

ND: Non-detect

Table 2
X-Ray Fluorescence (XRF) Soil Screening Results For Tin
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Tin (Sn) Result 1	{+/-}	Tin (Sn) Result 2	{+/-}	Tin (Sn) Result 3	{+/-}	Tin (Sn) Average Results
SS013-AA-0002	SS013-AA	4393	29	4172	28	5838	37	4,801
SS013-AA-0206	SS013-AA	6772	48	7620	54	6859	106	7,084
SS013-AA-0612	SS013-AA	9408	70	9805	73	10312	78	9,842
SS013-AA-1218	SS013-AA	9007	62	6718	49	6026	44	7,250
SS013-AA-1824	SS013-AA	4988	34	7207	49	5591	37	5,929
SS013-CC-0002	SS013-CC	406	6	340	6	343	6	363
SS013-CC-0206	SS013-CC	5614	39	4384	29	3988	27	4,662
SS013-CC-0612	SS013-CC	2531	16	4557	46	2479	16	3,189
SS013-CC-1218	SS013-CC	3896	25	3290	22	1995	14	3,060
SS013-CC-1824	SS013-CC	3848	27	3205	22	3357	25	3,470
SS013-FF-0002	SS013-FF	368	5	341	5	88	4	266
SS013-FF-0206	SS013-FF	876	8	766	8	614	8	752
SS013-FF-0612	SS013-FF	712	10	843	8	859	8	805
SS013-FF-1218	SS013-FF	970	8	819	8	706	7	832
SS013-FF-1824	SS013-FF	835	8	1073	9	1019	12	976
SS013-GG-0002	SS013-GG	240	5	234	5	215	4	230
SS013-GG-0206	SS013-GG	760	7	569	6	503	6	611
SS013-GG-0612	SS013-GG	694	7	236	5	580	7	503
SS013-GG-1218	SS013-GG	632	7	661	7	782	8	692
SS013-GG-1824	SS013-GG	639	7	727	7	614	7	660
SS014-J-0002	SS014-J	176	5	253	5	209	5	213
SS014-J-0206	SS014-J	265	5	255	5	320	5	280
SS014-O-0002	SS014-O	215	4	319	5	309	5	281
SS014-O-0206	SS014-O	1246	9	1640	12	1278	10	1,388
SS014-O-0612	SS014-O	1449	11	1233	10	1873	13	1,518
SS014-O-1218	SS014-O	1448	12	2000	14	1234	9	1,561
SS014-U-0002	SS014-U	ND	71	ND	70	ND	72	ND
SS014-U-0206	SS014-U	89	24	ND	75	ND	76	30
SS014-U-0612	SS014-U	160	25	ND	76	ND	75	53
SS014-U-1218	SS014-U	ND	74	ND	75	ND	75	ND
SS014-U-1824	SS014-U	132	26	ND	75	90	25	74
SS015-AA-1218	SS015-AA	82	27	186	28	114	27	127
SS015-AA-1824	SS015-AA	230	22	263	26	210	27	234
SS015-N-1218	SS015-N	5065	66	6229	77	6046	77	5,780
SS015-N-1824	SS015-N	2028	41	2659	46	3622	51	2,770
SS015-R-0002	SS015-R	1640	32	1510	32	1290	32	1,480
SS015-R-0206	SS015-R	2150	39	2228	39	2334	40	2,237
SS015-R-0612	SS015-R	1261	32	1233	31	948	30	1,147
SS015-R-1218	SS015-R	1660	35	638	26	1739	35	1,346
SS015-R-1824	SS015-R	1445	34	1314	33	1488	34	1,416

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

ND: Non-detect

Table 2
X-Ray Fluorescence (XRF) Soil Screening Results For Tin
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Tin (Sn) Result 1	{+/-}	Tin (Sn) Result 2	{+/-}	Tin (Sn) Result 3	{+/-}	Tin (Sn) Average Results
SS015-S-1218	SS015-S	125	30	ND	78	ND	76	42
SS015-S-1824	SS015-S	104	26	ND	80	ND	77	35
SS015-T-0002	SS015-T	111	25	ND	77	81	25	96
SS015-T-0206	SS015-T	93	24	ND	73	72	24	83
SS015-T-0612	SS015-T	79	26	91	24	112	25	94
SS015-U-0002	SS015-U	ND	71	ND	72	ND	71	ND
SS015-U-1218	SS015-U	ND	86	ND	86	ND	80	ND
SS015-U-1824	SS015-U	ND	92	ND	81	ND	78	ND
SS015-Y-1218	SS015-Y	ND	75	ND	74	ND	76	ND
SS015-Y-1824	SS015-Y	ND	79	ND	79	ND	76	ND
SS015-Z-0002	SS015-Z	70	21	ND	62	ND	62	23
SS015-Z-0206	SS015-Z	217	26	152	25	142	26	170
SS015-Z-0612	SS015-Z	101	26	261	26	161	27	174
SS015-Z-1218	SS015-Z	396	27	178	27	115	29	230
SS015-Z-1824	SS015-Z	203	27	132	26	115	24	150
SS017-G-0002	SS017-G	76	24	ND	73	ND	71	25
SS017-G-0206	SS017-G	151	24	95	24	184	26	143
SS017-I-0002	SS017-I	102	21	69	22	96	21	89
SS017-I-0206	SS017-I	114	26	107	27	184	26	135
SS017-K-0002	SS017-K	ND	69	ND	64	ND	73	ND
SS017-K-0206	SS017-K	ND	79	ND	86	ND	73	ND
SS017-M-0002	SS017-M	ND	75	ND	74	ND	77	ND
SS017-M-0206	SS017-M	102	26	87	25	94	25	94
SS017-N-0002	SS017-N	ND	62	ND	62	ND	59	ND
SS017-N-0206	SS017-N	164	25	78	26	78	25	107
SS017-O-0002	SS017-O	214	27	350	27	167	26	244
SS017-O-0206	SS017-O	79	22	ND	64	ND	63	26
SS017-P-0002	SS017-P	ND	61	ND	64	ND	62	ND
SS017-P-0206	SS017-P	132	26	95	26	111	26	113
SS017-Q-0002	SS017-Q	114	26	173	25	136	25	141
SS017-Q-0206	SS017-Q	141	27	83	26	208	27	144
SS017-SS-0002	SS017-SS	ND	73	106	25	ND	75	35
SS017-SS-0206	SS017-SS	ND	78	114	27	ND	83	38
SS017-U-0002	SS017-U	81	24	ND	76	ND	77	27
SS017-U-0206	SS017-U	ND	77	ND	77	107	26	36
SS017-X-0002	SS017-X	ND	63	ND	60	ND	60	ND
SS017-X-0206	SS017-X	217	25	ND	71	101	25	106
SS019-F-0002	SS019-F	93	26	ND	74	130	24	74
SS019-F-0206	SS019-F	ND	75	ND	75	ND	77	ND

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

ND: Non-detect

Table 2
X-Ray Fluorescence (XRF) Soil Screening Results For Tin
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Tin (Sn) Result 1	{+/-}	Tin (Sn) Result 2	{+/-}	Tin (Sn) Result 3	{+/-}	Tin (Sn) Average Results
SS019-H-0002	SS019-H	ND	77	ND	80	99	26	33
SS019-H-0206	SS019-H	92	26	ND	80	ND	78	31
SS019-J-0002	SS019-J	72	24	79	25	ND	75	50
SS019-J-0206	SS019-J	214	27	117	26	98	26	143
SS019-L-0002	SS019-L	196	25	93	25	173	26	154
SS019-L-0206	SS019-L	109	26	141	27	162	26	137
SS019-M-0002	SS019-M	ND	70	91	23	ND	69	30
SS019-M-0206	SS019-M	115	26	115	26	86	25	105
SS019-N-0002	SS019-N	142	26	87	26	ND	73	76
SS019-N-0206	SS019-N	ND	79	280	27	ND	83	93
SS019-Q-0002	SS019-Q	115	25	ND	74	ND	75	38
SS019-Q-0206	SS019-Q	ND	77	ND	79	ND	78	ND
SS019-S-0002	SS019-S	104	27	ND	76	ND	75	35
SS019-S-0206	SS019-S	95	27	ND	78	94	27	63
SS019-V-0002	SS019-V	105	25	95	25	ND	73	100
SS019-V-0206	SS019-V	ND	78	ND	77	ND	80	ND
SS019-W-0002	SS019-W	ND	60	ND	64	ND	64	ND
SS019-W-0206	SS019-W	ND	73	ND	77	ND	76	ND
SS023-G-0002	SS023-G	174	22	233	23	277	25	228
SS023-G-0206	SS023-G	428	26	425	26	446	26	433
SS023-G-0612	SS023-G	914	30	1099	30	934	29	982
SS023-G-1218	SS023-G	232	27	232	27	368	27	277
SS023-G-1824	SS023-G	107	26	ND	77	81	26	63
SS023-H-0002	SS023-H	231	23	112	24	184	23	176
SS023-H-0206	SS023-H	77	25	121	24	127	26	108
SS023-H-0612	SS023-H	170	25	132	25	121	24	141
SS023-H-1218	SS023-H	ND	74	181	24	101	25	94
SS023-H-1824	SS023-H	ND	76	84	26	ND	75	28
SS023-M-0002	SS023-M	262	26	242	25	294	26	266
SS023-M-0206	SS023-M	841	30	625	28	966	30	811
SS023-M-0612	SS023-M	908	30	813	30	601	29	774
SS023-M-1218	SS023-M	934	31	798	31	822	29	851
SS023-M-1824	SS023-M	1172	37	1485	33	201	31	953
SS023-N-0002	SS023-N	298	25	179	26	288	25	255
SS023-N-0206	SS023-N	205	27	291	27	277	27	258
SS023-N-0612	SS023-N	ND	74	142	26	89	26	77
SS023-N-1218	SS023-N	ND	78	80	25	ND	75	27
SS023-N-1824	SS023-N	96	26	92	26	121	26	103

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

ND: Non-detect

Table 2
X-Ray Fluorescence (XRF) Soil Screening Results For Tin
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Tin (Sn) Result 1	{+/-}	Tin (Sn) Result 2	{+/-}	Tin (Sn) Result 3	{+/-}	Tin (Sn) Average Results
SS023-O-0002	SS023-O	173	21	ND	62	ND	61	58
SS023-O-0206	SS023-O	ND	72	ND	71	603	27	201
SS023-O-0612	SS023-O	ND	72	ND	71	ND	72	ND
SS023-O-1218	SS023-O	78	24	ND	79	ND	71	26
SS023-O-1824	SS023-O	ND	72	ND	72	70	23	23
SS023-Q-0002	SS023-Q	134	21	125	22	141	21	133
SS023-Q-0206	SS023-Q	283	25	247	25	211	25	247
SS023-Q-0612	SS023-Q	264	24	239	25	299	25	267
SS023-Q-1218	SS023-Q	ND	78	ND	78	ND	78	ND
SS023-Q-1824	SS023-Q	165	24	114	25	167	24	149
SS023-R-0002	SS023-R	109	25	156	25	225	26	163
SS023-R-0206	SS023-R	150	25	117	25	172	25	146
SS023-S-0002	SS023-S	76	25	ND	73	73	24	50
SS023-S-0206	SS023-S	ND	81	ND	76	ND	77	ND
SS026-BB-0002	SS026-BB	150	27	170	26	229	26	183
SS026-BB-0206	SS026-BB	ND	76	ND	77	ND	77	ND
SS026-BB-0612	SS026-BB	ND	78	ND	79	ND	78	ND
SS026-BB-1218	SS026-BB	ND	80	ND	78	ND	80	ND
SS026-BB-1824	SS026-BB	ND	81	ND	80	ND	80	ND
SS026-CC-0002	SS026-CC	165	25	79	25	ND	74	81
SS026-CC-0206	SS026-CC	134	27	251	27	1958	39	781
SS026-CC-0612	SS026-CC	ND	78	ND	80	ND	81	ND
SS026-CC-1218	SS026-CC	82	27	ND	80	92	29	87
SS026-CC-1824	SS026-CC	104	26	85	26	81	26	90
SS026-F-0002	SS026-F	ND	74	ND	73	ND	76	ND
SS026-F-0206	SS026-F	146	26	118	26	ND	77	88
SS026-F-0612	SS026-F	ND	78	ND	77	ND	79	ND
SS026-F-1218	SS026-F	ND	77	ND	78	ND	76	ND
SS026-F-1824	SS026-F	ND	77	87	25	ND	76	29
SS026-H-0206	SS026-H	ND	79	ND	78	-	-	ND
SS026-H-0612	SS026-H	ND	78	ND	72	ND	79	ND
SS026-H-1218	SS026-H	ND	76	ND	79	ND	76	ND
SS026-H-1824	SS026-H	86	26	103	25	ND	75	63
SS026-J-0002	SS026-J	ND	71	ND	72	131	25	44
SS026-J-0206	SS026-J	ND	78	ND	79	107	26	36
SS026-J-0612	SS026-J	ND	78	ND	80	101	27	34
SS026-J-1218	SS026-J	100	27	ND	82	ND	81	33
SS026-J-1824	SS026-J	210	26	228	27	355	28	264

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

ND: Non-detect

Table 2
X-Ray Fluorescence (XRF) Soil Screening Results For Tin
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Tin (Sn) Result 1	{+/-}	Tin (Sn) Result 2	{+/-}	Tin (Sn) Result 3	{+/-}	Tin (Sn) Average Results
SS026-K-0002	SS026-K	ND	74	75	24	ND	62	25
SS026-K-0206	SS026-K	102	27	103	27	ND	80	68
SS026-K-0612	SS026-K	ND	79	ND	80	ND	80	ND
SS026-K-1218	SS026-K	111	27	137	26	ND	77	83
SS026-K-1824	SS026-K	158	26	186	26	1240	32	528
SS026-P-0002	SS026-P	ND	73	88	24	83	24	57
SS026-P-0206	SS026-P	130	27	ND	76	ND	79	43
SS026-P-0612	SS026-P	117	26	87	26	ND	78	68
SS026-P-1218	SS026-P	ND	76	ND	77	ND	78	ND
SS026-P-1824	SS026-P	ND	76	ND	76	ND	76	ND
SS026-R-0002	SS026-R	ND	69	178	24	113	23	97
SS026-R-0206	SS026-R	95	25	ND	76	95	26	95
SS026-R-0612	SS026-R	ND	78	ND	80	ND	78	ND
SS026-R-1218	SS026-R	ND	77	ND	76	ND	74	ND
SS026-R-1824	SS026-R	ND	73	ND	75	ND	76	ND
SS026-V-0002	SS026-V	ND	61	ND	59	ND	60	ND
SS026-V-0206	SS026-V	ND	68	ND	66	ND	68	ND
SS026-V-0612	SS026-V	80	25	90	24	72	23	81
SS026-V-1218	SS026-V	ND	78	ND	75	119	26	40
SS026-V-1824	SS026-V	91	27	90	26	ND	73	60
SS027-F-0002	SS027-F	ND	10	ND	10	ND	11	ND
SS027-F-0206	SS027-F	154	7	97	5	81	6	111
SS027-N-0002	SS027-N	50	4	45	4	61	4	52
SS027-N-0206	SS027-N	89	5	101	5	81	5	90
SS027-O-0612	SS027-O	ND	76	ND	76	ND	77	ND
SS027-O-1218	SS027-O	ND	77	ND	79	ND	75	ND
SS027-P-0002	SS027-P	20	4	13	4	19	4	17
SS027-P-0206	SS027-P	27	6	16	5	ND	14	14
SS028-DD-0612	SS028-DD	ND	79	ND	77	ND	78	ND
SS029-F-0206	SS029-F	129	5	71	5	141	5	114
SS029-H-0002	SS029-H	99	7	99	5	66	5	88
SS029-H-0206	SS029-H	51	6	61	5	54	5	55
SS029-S-0612	SS029-S	ND	81	ND	80	ND	108	ND
SS030-AA-0002	SS030-AA	ND	11	ND	11	ND	11	ND
SS030-AA-0206	SS030-AA	46	5	32	4	36	5	38
SS030-BB-0002	SS030-BB	ND	12	16	4	ND	12	5
SS030-BB-0206	SS030-BB	39	5	35	4	40	4	38
SS030-CC-0002	SS030-CC	25	4	26	4	30	4	27
SS030-CC-0206	SS030-CC	50	5	41	5	27	5	39

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

ND: Non-detect

Table 2
X-Ray Fluorescence (XRF) Soil Screening Results For Tin
MC Canfield & Sons Site
April 22 through May 2, 2013

Sample ID	Location	Tin (Sn) Result 1	{+/-}	Tin (Sn) Result 2	{+/-}	Tin (Sn) Result 3	{+/-}	Tin (Sn) Average Results
SS030-DD-0002	SS030-DD	55	4	41	4	48	4	48
SS030-DD-0206	SS030-DD	99	5	83	5	96	5	93
SS030-DD-0612	SS030-DD	115	26	ND	82	ND	76	38
SS030-EE-0002	SS030-EE	29	4	39	4	42	4	37
SS030-EE-0206	SS030-EE	40	5	54	5	47	5	47
SS030-J-0612	SS030-J	79	26	102	77	ND	80	60
SS030-Y-0002	SS030-Y	42	5	46	5	54	5	47
SS030-Y-0206	SS030-Y	17	4	18	4	ND	13	12
SS031-F-0002	SS031-F	ND	59	81	22	77	22	53
SS031-F-0206	SS031-F	ND	84	ND	72	ND	76	ND
SS031-F-0612	SS031-F	ND	75	ND	72	ND	71	ND
SS031-F-1218	SS031-F	ND	73	ND	74	ND	72	ND
SS031-F-1824	SS031-F	ND	73	ND	73	ND	69	ND
SS031-G-0002	SS031-G	ND	73	ND	72	ND	73	ND
SS031-G-0206	SS031-G	ND	72	ND	74	ND	71	ND
SS031-G-0612	SS031-G	ND	78	ND	75	ND	75	ND
SS031-G-1218	SS031-G	ND	73	ND	77	87	26	29
SS031-G-1824	SS031-G	ND	75	ND	76	ND	80	ND
SS031-H-0002	SS031-H	89	25	ND	75	112	25	67
SS031-H-0206	SS031-H	ND	80	144	26	88	26	77
SS031-H-0612	SS031-H	ND	81	117	27	ND	75	39
SS031-H-1218	SS031-H	ND	77	ND	78	ND	75	ND
SS031-H-1824	SS031-H	ND	79	ND	74	ND	80	ND
SS031-I-0002	SS031-I	ND	74	ND	73	ND	70	ND
SS031-I-0206	SS031-I	ND	77	ND	77	ND	75	ND
SS031-I-0612	SS031-I	ND	76	ND	73	ND	77	ND
SS031-I-1218	SS031-I	131	26	ND	77	87	26	73
SS031-I-1824	SS031-I	202	25	76	25	ND	74	93
SS031-P-0002	SS031-P	180	26	91	25	154	26	142
SS031-P-0206	SS031-P	122	25	134	26	ND	78	85
SS031-P-0612	SS031-P	ND	75	172	25	115	25	96
SS031-P-1218	SS031-P	118	25	ND	75	88	25	69
SS031-V-0002	SS031-V	73	21	ND	61	121	22	65
SS031-V-0206	SS031-V	89	25	ND	76	91	24	60
SS031-V-0612	SS031-V	192	25	434	27	252	26	293
SS031-V-1218	SS031-V	3949	53	1282	32	1462	35	2,231
SS031-W-0002	SS031-W	ND	61	ND	63	ND	64	ND
SS031-W-0206	SS031-W	ND	74	ND	74	ND	75	ND
SS031-W-0206	SS031-W	ND	72	ND	74	ND	75	ND
SS031-W-1218	SS031-W	ND	72	ND	74	ND	71	ND
SS031-W-1824	SS031-W	ND	75	ND	76	ND	75	ND

Notes:

XRF data presented in milligrams per kilogram (mg/kg).

ND: Non-detect

Table 3
Validated Analytical Results for TAL Metals + Tin
MC Canfield & Sons Site
April 22 through May 2, 2013

	RST 2 Sample ID	P001-SS012-AA-0002-001	P001-SS012-AA-0206-001	P001-SS012-AA-1824-001	P001-SS012-EE-1218-001	P001-SS012-N-0612-001	P001-SS012-N-1218-001	P001-SS012-R-0206-001	P001-SS012-R-0206-002	P001-SS012-S-0002-001	P001-SS012-T-0002-001	P001-SS012-T-0612-001	P001-SS012-U-0002-001	P001-SS012-U-1218-001	P001-SS012-W-0206-001	P001-SS013-AA-0612-001	P001-SS013-AA-1218-001	P001-SS013-AA-1824-001	P001-SS013-CC-0612-001
Metal	Residential Direct Contact Soil Remediation Standard*																		
Aluminum	78,000	8,200	9,200	9,300	9,400	11,000	10,000	9,100	8,900	7,600	4,900	10,000	10,000	10,000	10,000 J	8,100	9,000	8,900	10,000
Antimony	31	3.8	8.4	10	4.4	U	2.6	6.3	5.8	4.5	U	7.1	13	15	10 J	150	120	78	33
Arsenic	19	7.8	4.8	4.1	4.0	8.2	12	6.1	5.3	6.0	6.9	9.9	7.5	5.8	4.1 J	8.4	11	9.9	5.3
Barium	16,000	78	95	110	110	350	540	140	140	120	130	170	200	140	100 J	150	140	110	98
Beryllium	16	0.39	0.38	0.40	0.41	0.53	0.51	0.37	0.36	0.34	U	0.42	0.50	0.44	0.48 J	0.51	0.46	0.59	0.47
Cadmium	78	0.42	0.47	0.49	0.52	0.81	0.88	0.87	0.75	0.82	0.92	1.0	1.8	1.7	1.0 J	2.1	1.5	1.1	0.87
Calcium	NA	3,200	2,900	3,900	8,400	3,200	3,200	7,200	6,500	12,000	14,000	8,100	3,300	5,700	6,500 J	7,300	9,400	12,000	6,200
Chromium	NA	17	19	21	37	22	24	20	18	62	23	28	37	26	22 J	19	17	30	17
Cobalt	1,600	6.0	6.1	5.7	6.3	6.2	6.3	7.4	7.1	6.9	3.9	6.9	8.0	6.4	6.3 J	6.5	11	8.6	7.1
Copper	3,100	100	180	230	160	110	150	190	170	110	110	400	1,200	660	430 J	830	740	530	390
Iron	NA	15,000	19,000	15,000	20,000	18,000	18,000	21,000	17,000	17,000	9,400	18,000	22,000	18,000	18,000 J	26,000	23,000	23,000	20,000
Lead	400	280	810	820	390	760	1,000	610	500	250	450	1,500	3,000	1,400	1,400 J	7,900	6,800	3,900	2,000
Magnesium	NA	2,700	2,600	2,100	2,700	2,200	1,900	3,000	3,200	3,600	1,800	3,000	2,600	2,800	2,500 J	2,500	3,500	4,400	3,200
Manganese	11,000	280	350	390	380	440	400	360	370	360	380	410	460	390	430 J	380	530	500	380
Nickel	1,600	13	14	15	15	16	17	14	14	17	10	16	16	18	15 J	14	16	17	14
Potassium	NA	520	580	620	600	640	610	790	800	1,200	1,000	1,100	590	660	560 J	570	600	650	730
Selenium	390	U	U	U	U	U	U	U	U	U	U	U	U	U	UJ	U	U	U	U
Sodium	NA	210	130	98	340	98	120	340	210	290	520	250	390	420	170 J	200	300	290	190
Silver	390	0.99	2.8	5.1	1.6	3.6	10	1.9	1.9	0.90	3.3	14	38	13	10 J	20	27	16	8.9
Thallium	5	U	U	U	U	U	U	U	U	U	U	U	U	U	UJ	U	U	U	U
Vanadium	78	24	26	23	28	30	31	35	36	29	18	34	32	28	26 J	30	41	43	31
Zinc	23,000	200	280	370	280	420	410	420	350	340	270	830	1,000	830	680 J	1,500	1,100	940	720
Tin	NA	51	290	490	86	25	41	170	160	46	120	550	1,600	560	730 J	4,400	3,800	2,400	1,300

Notes:
*Standards retrieved from the New Jersey Administrative Code (NJAC) 7:26D: Remediation Standards, Amended October 3, 2011

Soil sample data presented in milligrams per kilogram (mg/kg).

Rinsate blank data presented in micrograms per liter (ug/L).

Results exceeding the NJAC Residential Direct Contact Soil Remediation Standard are highlighted in red.

J: Flag indicates an estimated value.

U: Flag indicates the element was analyzed for but not detected.

NA: Not Applicable

Table 3
Validated Analytical Results for TAL Metals + Tin
MC Canfield & Sons Site
April 22 through May 2, 2013

	RST 2 Sample ID	P001-SS013-FF-1218-001	P001-SS013-GG-1824-001	P001-SS013-N-0206-001	P001-SS013-R-1824-001	P001-SS013-T-0612-001	P001-SS013-T-1824-001	P001-SS013-V-1218-001	P001-SS013-V-1218-002	P001-SS013-W-0002-001	P001-SS013-X-1824-001	P001-SS013-Y-0612-001	P001-SS014-AA-1824-001	P001-SS014-BB-1218-001	P001-SS014-CC-1218-001	P001-SS014-CC-1218-002	P001-SS014-K-0612-001	P001-SS014-O-0612-001	P001-SS014-Q-0206-001
Metal	Residential Direct Contact Soil Remediation Standard*																		
Aluminum	78,000	9,400	9,500	9,400	9,300	8,500	11,000	9,900	9,900	7,200	9,100	11,000	12,000	11,000	12,000	12,000	6,900	11,000	11,000
Antimony	31	7.9	8.1	7.6	U	3.3	U	U	U	U	3.5	27	U	40	U	U	5.6	84	18
Arsenic	19	6.5	4.7	4.2	3.3	7.6	7.4	3.4	3.1	8.9	4.2	5.6	1.5	7.0	2.3	2.2	3.5	9.1	7.0
Barium	16,000	160	140	790	120	970	540	130	100	110	99	100	48	150	50	53	59	140	140
Beryllium	16	0.42	0.38	0.37	0.48	0.50	0.51	0.51	0.50	0.31	0.40	0.48	0.28	0.42	0.46	0.48	0.32	0.73	0.47
Cadmium	78	0.89	0.77	0.48	0.30	1.4	1.9	U	0.25	0.61	0.35	0.57	0.43	1.9	U	U	0.44	0.64	2.4
Calcium	NA	10,000	7,600	7,500	4,600	8,800	12,000	5,000	5,500	7,000	4,100	4,300	17,000	12,000	1,300	1,400	1,400	2,600	5,600
Chromium	NA	23	21	21	24	24	24	20	26	22	18	15	9.6	22	15	14	15	19 J	29
Cobalt	1,600	8.0	8.1	6.2	6.5	5.6	6.1	5.9	5.7	5.8	5.1	6.9	16	8.3	5.1	6.4	4.7	6.8	6.8
Copper	3,100	220	240	120	53	81	75	46	44	75	100	650	110	750	91	87	110	550	530
Iron	NA	19,000	21,000	17,000	16,000	15,000	18,000	16,000	16,000	14,000	14,000	18,000	34,000	21,000	16,000	16,000	13,000	21,000	18,000
Lead	400	1,000	780	500	170	1,900	850	150	160	590	1,500	5,800	53	820	58	51	310	4,300	2,000
Magnesium	NA	3,000	3,500	2,900	2,600	3,300	2,700	2,700	2,700	2,300	2,100	2,300	8,300	4,000	2,400	2,300	1,800	1,900	2,700
Manganese	11,000	380	390	340	430	270	390	390	360	380	400	440	550	390	390	440	260	380 J	330
Nickel	1,600	15	15	13	17	51	17	14	16	11	13	12	20	20	11	11	12	13	34
Potassium	NA	690	610	590	860	690	780	940	920	730	600	580	390	720	700	720	490	630	720
Selenium	390	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Sodium	NA	290	310	630	140	160	240	330	330	220	180	160	720	450	170	170	U	U	840
Silver	390	5.1	3.4	1.5	U	U	U	U	U	1.3	3.0	31	U	3.0	0.58	0.56	1.6	23	9.1
Thallium	5	U	U	U	U	UJ	U	U	U	U	U	U	1.6	U	U	U	U	UJ	U
Vanadium	78	40	41	31	28	28	30	23	24	26	23	28	81	40	22	21	18	23	31
Zinc	23,000	420	400	260	130	680	490	110	110	170	190	880	88	1,200	63	59	250	450	920
Tin	NA	350	280	140	13	35	21	16	21	76	340	2,700	7.8	250	16	7.2	110	1,200	720

Notes:
*Standards retrieved from the New Jersey Administrative Code (NJAC) 7:26D: Remediation Standards, Amended October 3, 2011

Soil sample data presented in milligrams per kilogram (mg/kg).
Rinsate blank data presented in micrograms per liter (ug/L).
Results exceeding the NJAC Residential Direct Contact Soil Remediation Standard are highlighted in red.
J: Flag indicates an estimated value.
U: Flag indicates the element was analyzed for but not detected.
NA: Not Applicable

Table 3
Validated Analytical Results for TAL Metals + Tin
MC Canfield & Sons Site
April 22 through May 2, 2013

	RST 2 Sample ID	P001-SS014-Q-1824-001	P001-SS014-R-0002-001	P001-SS014-R-1218-001	P001-SS014-R-1824-001	P001-SS014-S-0206-001	P001-SS015-J-1218-001	P001-SS015-L-1218-001	P001-SS015-L-1824-001	P001-SS015-Q-1218-001	P001-SS015-W-0002-001	P001-SS015-Y-0206-001	P001-SS017-S-0206-001	P001-SS019-J-0206-001	P001-SS019-M-0206-001	P001-SS019-V-0002-001	P001-SS023-G-0612-001	P001-SS023-J-1218-001	P001-SS023-L-0206-001
Metal	Residential Direct Contact Soil Remediation Standard*																		
Aluminum	78,000	11,000	6,400	11,000	12,000	9,900	9,800	8,200	7,200	9,300	5,700	14,000	8,000	8,700	7,900	7,600	7,800	8,700	7,800
Antimony	31	14	4.5	170	170	3.7	220	220	260	140	2.3	U	U	4.1	28	3.7	25	2.7	67
Arsenic	19	4.8	5.3	17	59	7.8	13	15	14	7.7	5.5	2.2	4.1	4.6	6.2	4.4	5.1	3.5	13
Barium	16,000	89	140	130	130	180	170	170	230	180	85	59	110	440	630	330	120	150	230
Beryllium	16	0.41	U	0.42	0.50	0.45	0.56	0.54	0.44	0.56	U	U	0.44	0.47	0.43	0.36	0.44	0.43	0.44
Cadmium	78	1.4	1.3	5.3	4.6	1.6	2.3	4.4	3.4	2.3	0.54	0.50	U	1.2	1.8	0.94	0.61	0.87	0.79
Calcium	NA	2,400	16,000	8,500	4,400	9,900	7,400	4,300	4,700	6,900	7,600	19,000	5,200	14,000	19,000	5,600	5,600	8,600	7,500
Chromium	NA	15	28	21	18	24	18	18	29	17	16	11	16	22	26	29	16	16	41
Cobalt	1,600	6.4	4.8	8.2	17	6.3	7.1	13	14	7.6	5.4	16	7.2	6.5	6.2	6.7	6.0	6.6	7.6
Copper	3,100	280	230	2,900	5,700	320	540	2,200	2,100	610	60	110	53	150	180	120	140	74	140
Iron	NA	16,000	14,000	25,000	26,000	15,000	19,000	24,000	22,000	20,000	13,000	45,000	19,000	19,000	17,000	17,000	16,000	17,000	17,000
Lead	400	1,100	470	6,700	12,000	750	6,700	10,000	13,000	6,800	240	120	160	560	1,200	520	1,100	330	1,600
Magnesium	NA	2,000	3,300	2,600	2,400	2,600	2,700	1,600	1,700	2,800	2,700	8,800	3,400	3,700	4,100	3,300	2,500	3,300	3,200
Manganese	11,000	340	390	310	500	430	370	320	370	460	350	590	360	370	410	350	350	340	390
Nickel	1,600	12	14	42	61	15	16	18	19	17	12	21	16	22	31	23	23	14	21
Potassium	NA	760	1,200	930	860	1,200	770	840	690	770	1,200	330	1,100	950	810	750	650	760	850
Selenium	390	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Sodium	NA	260	750	180	170	240	350	160	190	170	670	2,900	130	160	320	200	160	160	250
Silver	390	5.7	2.0	29	23	6.4	19	46	50	18	U	U	U	1.1	1.7	1.4	5.2	U	3.5
Thallium	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Vanadium	78	24	22	27	28	27	40	19	19	41	24	79	24	28	27	27	33	29	28
Zinc	23,000	590	490	3,900	5,800	500	1,200	4,000	3,500	1,100	160	110	110	470	630	460	400	720	400
Tin	NA	620	470	2,100	3,900	210	3,500	12,000	12,000	2,400	26	15	8.3	42	110	30	520	40	450

Notes:
*Standards retrieved from the New Jersey Administrative Code (NJAC) 7:26D: Remediation Standards, Amended October 3, 2011

Soil sample data presented in milligrams per kilogram (mg/kg).

Rinsate blank data presented in micrograms per liter (ug/L).

Results exceeding the NJAC Residential Direct Contact Soil Remediation Standard are highlighted in red.

J: Flag indicates an estimated value.

U: Flag indicates the element was analyzed for but not detected.

NA: Not Applicable

Table 3
Validated Analytical Results for TAL Metals + Tin
MC Canfield & Sons Site
April 22 through May 2, 2013

	RST 2 Sample ID	P001-SS023-O-0612-001	P001-SS023-P-0002-001	P001-SS023-Q-0612-001	P001-SS026-CC-0206-001	P001-SS026-J-0002-001	P001-SS026-V-0002-001	P001-SS026-V-0002-002	P001-SS026-V-1218-001	P001-SS026-Z-0206-001	P001-SS028-F-0206-001	P001-SS028-O-0612-001	P001-SS029-N-0612-001	P001-SS030-J-0206-001	P001-SS030-R-0002-001	P001-SS030-U-0612-001	P001-SS031-F-0612-001	P001-SS031-L-0206-001	P001-SS031-L-0612-001
Metal	Residential Direct Contact Soil Remediation Standard*																		
Aluminum	78,000	6,400	6,800	8,500	8,100	6,700	5,700	5,200	8,300	7,100	7,700	9,700	12,000	9,700	9,900	8,300	7,800	7,900	8,200
Antimony	31	U	15	6.2	8.8	4.6	U	U	5.7	6.1	1.8	U	U	4.8	4.7	U	2.4 J	14	15
Arsenic	19	4.1	6.0	6.3	5.1	4.5	8.0	8.1	11	5.8	3.5	3.1	3.3	5.6	6.0	2.6	4.5	5.5	8.0
Barium	16,000	100	93	120	340	370	110	100	400	410	190	120	140	460	880	48	130	250	470
Beryllium	16	0.30	U	0.44	0.40	0.37	U	U	0.42	0.32	0.39	0.47	0.33	0.44	0.50	0.44	0.46	0.41	0.43
Cadmium	78	0.34	1.1	0.51	1.1	0.87	0.63	0.64	1.0	1.3	0.60	0.27	U	1.7	1.3	U	0.32	0.88	1.8
Calcium	NA	11,000	11,000	5,600	12,000	10,000	8,600	8,600	13,000	8,000	7,200	5,900	7,800	22,000	11,000	2,200	13,000	8,800	12,000
Chromium	NA	17	33	22	27	22	21	22	27	29	23	16	14	30	37	14	16	26	61
Cobalt	1,600	4.1	7.1	6.3	6.4	5.4	4.5	4.3	7.2	7.0	6.6	7.6	11	7.5	7.8	5.4	6.1	6.7	7.7
Copper	3,100	62	270	100	200	110	67	65	130	1,700	86	170	90	170	290	28	55	130	110
Iron	NA	13,000	18,000	17,000	17,000	17,000	12,000	11,000	20,000	17,000	20,000	20,000	28,000	19,000	22,000	14,000	16,000	17,000	25,000
Lead	400	240	730	510	680	480	160	150	910	710	340	180	380	1,100	610	73	220	780	1,800
Magnesium	NA	2,700	3,900	2,700	3,300	4,000	2,100	2,000	3,400	3,200	3,700	3,300	5,400	4,500	4,700	2,200	2,900	3,200	2,900
Manganese	11,000	330	350	570	290	250	370	370	370	340	350	360	450	350	390	370	390	360	420
Nickel	1,600	11	16	14	59	19	12	11	26	77	18	14	17	35	31	11	11	19	19
Potassium	NA	600	670	770	650	540	1,100	1,000	800	680	740	740	420	910	1,100	790	700	680	700
Selenium	390	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	UJ	U	U
Sodium	NA	700	240	200	180	250	270	260	760	210	180	190	890	260	280	150	250	230	230
Silver	390	U	2.5	1.4	1.6	1.0	U	U	1.1	2.5	0.50	U	U	2.0	1.8	U	U	1.3	0.91
Thallium	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	UJ	U	U
Vanadium	78	18	34	28	28	24	19	18	41	25	28	29	55	32	30	19	28	31	35
Zinc	23,000	140	410	230	490	480	220	210	440	920	270	150	150	630	730	75	130	400	630
Tin	NA	11	210	120	49	32	8.2	11	55	70	20	8.5	16	44	42	2.8	17 J	160	100

Notes:
*Standards retrieved from the New Jersey Administrative Code (NJAC) 7:26D: Remediation Standards, Amended October 3, 2011

Soil sample data presented in milligrams per kilogram (mg/kg).
Rinsate blank data presented in micrograms per liter (ug/L).
Results exceeding the NJAC Residential Direct Contact Soil Remediation Standard are highlighted in red.
J: Flag indicates an estimated value.
U: Flag indicates the element was analyzed for but not detected.
NA: Not Applicable

Table 3
Validated Analytical Results for TAL Metals + Tin
MC Canfield & Sons Site
April 22 through May 2, 2013

	RST 2 Sample ID	P001-SS031-L-1218-001	P001-SS031-N-0002-001	P001-SS031-N-0206-001	P001-SS031-N-1218-001	P001-SS031-P-0002-001	P001-SS031-W-1218-001	RB-042213	RB-042313	RB-042413	RB-042513	RB-042913	RB-043013	RB-050113	RB-050213
Metal	Residential Direct Contact Soil Remediation Standard*														
Aluminum	78,000	6,200	8,100	8,200	5,700	7,000	10,000	U	U	U	U	U	U	U	U
Antimony	31	U	24	19	U	2.5	U	U	UJ	U	U	U	U	U	U
Arsenic	19	2.8	9.2	9.4	2.2	4.1	6.5	U	U	U	U	U	U	U	U
Barium	16,000	110	270	370	61	190	200	U	U	U	U	U	U	U	U
Beryllium	16	0.33	0.39	U	0.29	0.38	0.58	U	U	U	U	U	U	U	U
Cadmium	78	U	1.4	1.9	0.34	0.57	U	U	U	U	U	U	U	U	U
Calcium	NA	2,000	5,900	5,600	1,900	3,800	10,000	U	U	U	U	U	U	U	U
Chromium	NA	12	19	17	15	20	26	U	U	U	U	U	U	U	U
Cobalt	1,600	5.1	6.9	7.0	5.3	5.7	5.6	U	U	U	U	U	U	U	U
Copper	3,100	26	160	110	36	64	48	U	U	U	U	U	U	U	U
Iron	NA	15,000	19,000	18,000	14,000	16,000	17,000	67	670	U	U	U	U	U	U
Lead	400	200	1,400	1,200	190	560	1,100	U	U	U	U	U	U	U	U
Magnesium	NA	2,200	3,100	3,000	2,400	2,500	2,600	U	U	U	U	U	U	U	U
Manganese	11,000	310	390	280	300	320	570	U	6.6	U	U	U	U	U	U
Nickel	1,600	12	21	26	14	14	14	U	U	U	U	U	U	U	U
Potassium	NA	380	740	570	340	810	800	U	U	U	U	U	U	U	U
Selenium	390	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Sodium	NA	U	250	1,000	U	130	130	U	U	U	U	U	U	U	U
Silver	390	U	2.7	1.1	U	0.51	U	U	U	U	U	U	U	U	U
Thallium	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Vanadium	78	18	33	31	17	26	28	U	U	U	U	U	U	U	U
Zinc	23,000	120	540	630	87	380	160	U	U	U	U	U	U	U	U
Tin	NA	8.2	310	160	4.0	30	8.8	U	U	U	U	U	U	U	U

Notes:

*Standards retrieved from the New Jersey Administrative Code (NJAC) 7:26D: Remediation Standards, Amended October 3, 2011

Soil sample data presented in milligrams per kilogram (mg/kg).

Rinsate blank data presented in micrograms per liter (ug/L).

Results exceeding the NJAC Residential Direct Contact Soil Remediation Standard are highlighted in red.

J: Flag indicates an estimated value.

U: Flag indicates the element was analyzed for but not detected.

NA: Not Applicable

ATTACHMENT C

- Chain of Custody Records
-

Lab Phone: 732-321-6707

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	P001-SS012-S-0002-001	TAL Metals + Tin	Soil	4/23/2013	12:55	1	8 oz jar	4 C	N
	P001-SS012-U-0002-001	TAL Metals + Tin	Soil	4/23/2013	13:53	1	8 oz jar	4 C	N
	P001-SS012-U-1218-001	TAL Metals + Tin	Soil	4/23/2013	14:02	1	8 oz jar	4 C	N
	P001-SS013-AA-0612-001	TAL Metals + Tin	Soil	4/23/2013	11:08	1	8 oz jar	4 C	N
	P001-SS013-AA-1218-001	TAL Metals + Tin	Soil	4/23/2013	11:12	1	8 oz jar	4 C	N
	P001-SS013-AA-1824-001	TAL Metals + Tin	Soil	4/23/2013	11:18	1	8 oz jar	4 C	N
	P001-SS013-CC-0612-001	TAL Metals + Tin	Soil	4/23/2013	11:06	1	8 oz jar	4 C	N
	P001-SS013-FF-1218-001	TAL Metals + Tin	Soil	4/23/2013	11:32	1	8 oz jar	4 C	N
	P001-SS013-GG-1824-001	TAL Metals + Tin	Soil	4/23/2013	13:12	1	8 oz jar	4 C	N
	P001-SS013-N-0206-001	TAL Metals + Tin	Soil	4/22/2013	10:29	1	8 oz jar	4 C	N
	P001-SS013-R-1824-001	TAL Metals + Tin	Soil	4/22/2013	10:55	1	8 oz jar	4 C	N

SAMPLES TRANSFERRED FROM	CHAIN OF CUSTODY #

[illegible]

CHAIN OF CUSTODY RECORD
MC Carfield Site
Contact Name: Joel Petty
Contact Phone: 732-570-4943

No: 2-042413-130421-0004
Cooler #: 1
Lab: DESA
Lab Phone: 732-321-6707

CHAIN OF CUSTODY RECORD

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	P001-SS013-T-1824-001	TAL Metals + Tin	Soil	4/22/2013	11:50	1	8 oz jar	4 C	N
	P001-SS013-V-1218-001	TAL Metals + Tin	Soil	4/22/2013	13:15	1	8 oz jar	4 C	N
	P001-SS013-V-1218-002	TAL Metals + Tin	Soil	4/22/2013	13:15	1	8 oz jar	4 C	N
	P001-SS013-W-0002-001	TAL Metals + Tin	Soil	4/23/2013	09:51	1	8 oz jar	4 C	N
	P001-SS013-X-1824-001	TAL Metals + Tin	Soil	4/23/2013	10:20	1	8 oz jar	4 C	N
	P001-SS013-Y-0612-001	TAL Metals + Tin	Soil	4/23/2013	10:32	1	8 oz jar	4 C	N
	P001-SS028-F-0206-001	TAL Metals + Tin	Soil	4/22/2013	13:45	1	8 oz jar	4 C	N
	P001-SS030-J-0206-001	TAL Metals + Tin	Soil	4/22/2013	13:55	1	8 oz jar	4 C	N
	P001-SS030-R-0002-001	TAL Metals + Tin	Soil	4/22/2013	14:35	1	8 oz jar	4 C	N
	RB-042313	TAL Metals + Tin	Rinsate Blank	4/23/2013 5:00	10:00	1	1 L poly	HNO3 pH<2	N
	P001-SS013-T-0612-001	TAL Metals + Tin	Soil	4/22/2013	11:35	2	8 oz jar	4 C	Y
	RB-042213	TAL Metals + Tin	Rinsate Blank	4/22/2013 5:00	13:00	1	1 L poly	HNO3 pH<2	N

Special Instructions:

SAMPLES TRANSFERRED FROM	CHAIN OF CUSTODY #

[illegible]

MC Canfield Site
Contact Name: Joel Petty
Contact Phone: 732-570-4943

Cooler #: 1
Lab: DESA
Lab Phone: 732-321-6707

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	P001-SS012-R-0206-001	TAL Metals + Tin	Soil	4/24/2013	08:31	1	8 oz jar	4 C	N
	P001-SS012-R-0206-002	TAL Metals + Tin	Soil	4/24/2013	08:31	1	8 oz jar	4 C	N
	P001-SS012-T-0002-001	TAL Metals + Tin	Soil	4/24/2013	08:26	1	8 oz jar	4 C	N
	P001-SS012-T-0612-001	TAL Metals + Tin	Soil	4/24/2013	08:33	1	8 oz jar	4 C	N
	P001-SS014-AA-1824-001	TAL Metals + Tin	Soil	4/24/2013	10:42	1	8 oz jar	4 C	N
	P001-SS014-BB-1218-001	TAL Metals + Tin	Soil	4/24/2013	10:48	1	8 oz jar	4 C	N
	P001-SS014-K-0612-001	TAL Metals + Tin	Soil	4/24/2013	10:40	1	8 oz jar	4 C	N
	P001-SS014-Q-0612-001	TAL Metals + Tin	Soil	4/24/2013	08:40	2	8 oz jar	4 C	Y
	P001-SS014-Q-0206-001	TAL Metals + Tin	Soil	4/24/2013	08:35	1	8 oz jar	4 C	N
	P001-SS014-Q-1824-001	TAL Metals + Tin	Soil	4/24/2013	08:50	1	8 oz jar	4 C	N
	P001-SS014-R-0002-001	TAL Metals + Tin	Soil	4/24/2013	09:35	1	8 oz jar	4 C	N

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

MC Canfield Site
Contact Name: Joel Peltz
Contact Phone: 732-570-4943

Cooler #: 1
Lab: DESA
Lab Phone: 732-321-6707

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	P001-SS014-R-1218-001	TAL Metals + Tin	Soil	4/24/2013	09:50	1	8 oz jar	4 C	N
	P001-SS014-R-1824-001	TAL Metals + Tin	Soil	4/24/2013	09:55	1	8 oz jar	4 C	N
	P001-SS014-S-0206-001	TAL Metals + Tin	Soil	4/24/2013	09:36	1	8 oz jar	4 C	N
	P001-SS015-J-1218-001	TAL Metals + Tin	Soil	4/25/2013	09:04	1	8 oz jar	4 C	N
	P001-SS015-L-1218-001	TAL Metals + Tin	Soil	4/25/2013	08:50	1	8 oz jar	4 C	N
	P001-SS015-L-1824-001	TAL Metals + Tin	Soil	4/25/2013	08:55	1	8 oz jar	4 C	N
	P001-SS015-Q-1218-001	TAL Metals + Tin	Soil	4/25/2013	09:15	1	8 oz jar	4 C	N
	P001-SS019-J-0206-001	TAL Metals + Tin	Soil	4/25/2013	15:45	1	8 oz jar	4 C	N
	P001-SS019-M-0206-001	TAL Metals + Tin	Soil	4/25/2013	15:55	1	8 oz jar	4 C	N
	P001-SS019-V-0002-001	TAL Metals + Tin	Soil	4/25/2013	15:56	1	8 oz jar	4 C	N
	RB-042413	TAL Metals + Tin	Rinsate Blank	4/24/2013	16:30	1	1 L poly	HNO3 pH<2	N
	RB-042513	TAL Metals + Tin	Rinsate Blank	4/25/2013	16:45	1	1 L poly	HNO3 pH<2	N

SAMPLES TRANSFERRED FROM	CHAIN-OF CUSTODY #

USEPA

DatesShipped: 5/1/2013

CarrierName: Hand Delivery

AirbillNo: NA

CHAIN OF CUSTODY RECORD

Mc Canfield Site

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-050113-104604-0006

Cooler #: 1

Lab: DESA

Lab Phone: 732-321-6707

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	P001-SS015-W-0002-001	TAL Metals + Tin	Soil	4/25/2013	10:20	1	8 oz jar	4 C	N
	P001-SS015-Y-0206-001	TAL Metals + Tin	Soil	4/25/2013	10:15	1	8 oz jar	4 C	N
	P001-SS017-S-0206-001	TAL Metals + Tin	Soil	4/25/2013	14:38	1	8 oz jar	4 C	N
	P001-SS023-G-0612-001	TAL Metals + Tin	Soil	4/30/2013	13:37	1	8 oz jar	4 C	N
	P001-SS023-J-1218-001	TAL Metals + Tin	Soil	4/30/2013	11:21	1	8 oz jar	4 C	N
	P001-SS023-L-0206-001	TAL Metals + Tin	Soil	4/30/2013	10:34	1	8 oz jar	4 C	N
	P001-SS023-O-0612-001	TAL Metals + Tin	Soil	4/30/2013	10:40	1	8 oz jar	4 C	N
	P001-SS023-P-0002-001	TAL Metals + Tin	Soil	4/30/2013	13:40	1	8 oz jar	4 C	N
	P001-SS026-J-0002-001	TAL Metals + Tin	Soil	4/30/2013	08:37	1	8 oz jar	4 C	N
	P001-SS026-V-0002-001	TAL Metals + Tin	Soil	4/30/2013	13:10	1	8 oz jar	4 C	N
	P001-SS026-V-0002-002	TAL Metals + Tin	Soil	4/30/2013	13:10	1	8 oz jar	4 C	N

Special Instructions:

[illegible]

CHAIN OF CUSTODY #

[illegible]

CHAIN OF CUSTODY RECORD

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-050113-104604-0006

Cooler #: 1

Lab: DESA

Lab Phone: 732-321-6707

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	P001-SS026-V-1218-001	TAL Metals + Tin	Soil	4/30/2013	13:26	1	8 oz jar	4 C	N
	P001-SS026-Z-0206-001	TAL Metals + Tin	Soil	4/30/2013	13:13	1	8 oz jar	4 C	N
	P001-SS031-F-0612-001	TAL Metals + Tin	Soil	4/29/2013	11:12	2	8 oz jar	4 C	Y
	P001-SS031-L-0206-001	TAL Metals + Tin	Soil	4/29/2013	09:35	1	8 oz jar	4 C	N
	P001-SS031-L-0612-001	TAL Metals + Tin	Soil	4/29/2013	09:40	1	8 oz jar	4 C	N
	P001-SS031-L-1218-001	TAL Metals + Tin	Soil	4/29/2013	09:43	1	8 oz jar	4 C	N
	P001-SS031-N-0002-001	TAL Metals + Tin	Soil	4/29/2013	09:05	1	8 oz jar	4 C	N
	P001-SS031-N-0206-001	TAL Metals + Tin	Soil	4/29/2013	09:11	1	8 oz jar	4 C	N
	P001-SS031-N-1218-001	TAL Metals + Tin	Soil	4/29/2013	09:18	1	8 oz jar	4 C	N
	P001-SS031-P-0002-001	TAL Metals + Tin	Soil	4/29/2013	09:50	1	8 oz jar	4 C	N
	RB-042913	TAL Metals + Tin	Rinsate Blank	4/29/2013	16:45	1	1 L poly	HNO3 pH<2	N
	RB-043013	TAL Metals + Tin	Rinsate Blank	4/30/2013	16:30	1	1 L poly	HNO3 pH<2	N

Special Instructions:

SAMPLES TRANSFERRED FROM	CHAIN OF CUSTODY #

[illegible]

USEPA

DateShipped: 5/3/2013

CarrierName: Hand Delivery

AirbillNo: NA

CHAIN OF CUSTODY RECORD

Mc Canfield Site

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-050313-091617-0008

Cooler #: 1

Lab: DESA

Lab Phone: 732-321-6707

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	P001-SS012-AA-0002-001	TAL Metals + Tin	Soil	5/1/2013	08:40	1	8 oz jar	4 C	N
	P001-SS012-AA-0206-001	TAL Metals + Tin	Soil	5/1/2013	08:45	1	8 oz jar	4 C	N
	P001-SS012-AA-1824-001	TAL Metals + Tin	Soil	5/1/2013	09:26	1	8 oz jar	4 C	N
	P001-SS012-EE-1218-001	TAL Metals + Tin	Soil	5/1/2013	09:40	1	8 oz jar	4 C	N
	P001-SS012-N-0612-001	TAL Metals + Tin	Soil	5/1/2013	11:15	1	8 oz jar	4 C	N
	P001-SS012-N-1218-001	TAL Metals + Tin	Soil	5/1/2013	11:18	1	8 oz jar	4 C	N
	P001-SS012-W-0206-001	TAL Metals + Tin	Soil	5/1/2013	09:31	2	8 oz jar	4 C	Y
	P001-SS014-CC-1218-001	TAL Metals + Tin	Soil	5/1/2013	09:46	1	8 oz jar	4 C	N
	P001-SS014-CC-1218-002	TAL Metals + Tin	Soil	5/1/2013	09:46	1	8 oz jar	4 C	N
	P001-SS023-Q-0612-001	TAL Metals + Tin	Soil	5/2/2013	10:10	1	8 oz jar	4 C	N
	P001-SS026-CC-0206-001	TAL Metals + Tin	Soil	5/2/2013	11:45	1	8 oz jar	4 C	N

Special Instructions:

SAMPLES TRANSFERRED FROM	CHAIN OF CUSTODY #

[illegible]

USEPA
DatesShipped: 5/3/2013
CarrierName: Hand Delivery
AirbillNo: NA

CHAIN OF CUSTODY RECORD

MC Canfield Site
Contact Name: Joel Petty
Contact Phone: 732-570-4943

No: 2-050313-091617-0008
Cooler #: 1
Lab: DESA
Lab Phone: 732-321-6707

[illegible]

Special Instructions:

SAMPLES TRANSFERRED FROM	CHAIN OF CUSTODY #

[illegible]