

TABLE 5

SUMMARY OF BASEBALL INFIELD SOIL SAMPLES FOR MASSDEP 14 METALS

Cashman School  
Amesbury, Massachusetts  
ECMS Project No. 1009.073

Sample Location	SSS-18	SSS-19	SSS-20	SSS-21	SSS-22	SSS-23	SSS-24	SSS-25	MassDEP Reportable Concentrations	MassDEP Imminent Hazard
Laboratory ID	SC58954-01	SC58954-02	SC58954-03	SC58954-04	SC58954-05	SC58954-06	SC58954-07	SC58954-08	RCS-1 (mg/kg)	
Sample Date	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020		
Sample Location	Randall Field - 1st Base Surface	Randall Field - 2nd Base Surface	Randall Field - 3rd Base Surface	Randall Field - Home Plate Surface	Packer Field - 1st Base Surface	Packer Field - 2nd Base Surface	Packer Field - 3rd Base Surface	Packer Field - Home Plate Surface		
Sample Depth										
<b>SM2540 G (11) Mod. (%)</b>										
solids	% Solids	86.9	90.9	90.9	86.7	90.1	90.2	87.5	90.0	NA
<b>MassDEP 14 Metals - SW846 6010C (mg/kg)</b>										
7440-36-0	Antimony	<5.90	<5.43	<5.43	<6.07	<5.13	<5.45	<5.68	<5.61	20
7440-38-2	Arsenic	10.9	11.6	10.7	15.8	13.6	14.8	13.4	15.3	20
7440-41-7	Beryllium	<0.590	<0.543	<0.543	<0.607	<0.513	<0.545	<0.568	<0.561	90
7440-43-9	Cadmium	<0.590	<0.543	<0.543	<0.607	<0.513	<0.545	<0.568	<0.561	70
7440-47-3	Chromium	10.8	14.6	11.1	11.8	9.20	7.74	9.07	8.99	100
7439-92-1	Lead	6.88	7.03	6.04	8.03	6.24	7.26	6.72	6.88	200
7440-02-0	Nickel	5.65	6.67	6.73	6.81	5.25	5.20	4.90	5.42	600
7782-49-2	Selenium	<1.77	<1.63	<1.63	<1.82	<1.54	<1.63	<1.70	<1.68	400
7440-22-4	Silver	<3.54	<3.26	<3.26	<3.64	<3.08	<3.27	<3.41	<3.37	100
7440-28-0	Thallium	<3.54	<3.26	<3.26	<3.64	<3.08	<3.27	<3.41	<3.37	8
7440-62-2	Vanadium	13.6	14.4	14.6	17.2	15.6	15.8	16.2	15.5	400
7440-66-6	Zinc	25.3	24.6	22.6	28.1	26.0	27.0	27.8	27.6	1000
7440-39-3	Barium	31.4	33.2	27.0	45.7	29.4	25.4	31.5	29.2	1000
<b>RCRA Metals - SW846 7471B (mg/kg)</b>										
7439-97-6	Mercury	<0.0323	<0.0363	<0.0310	<0.0305	<0.0388	<0.0321	<0.0319	<0.0330	20

< indicates less than the respective method detection limit.  
mg/kg = milligrams per kilogram  
µg/kg = micrograms per kilogram  
Boltfaced type indicates an exceedance.  
Pursuant to MCP 310 CMR 40.0975(6)(a-c): MCP Method 1 Soil Standards, and Massachusetts Oil and Hazardous Materials List (MOHML) revised (effective) 2014

