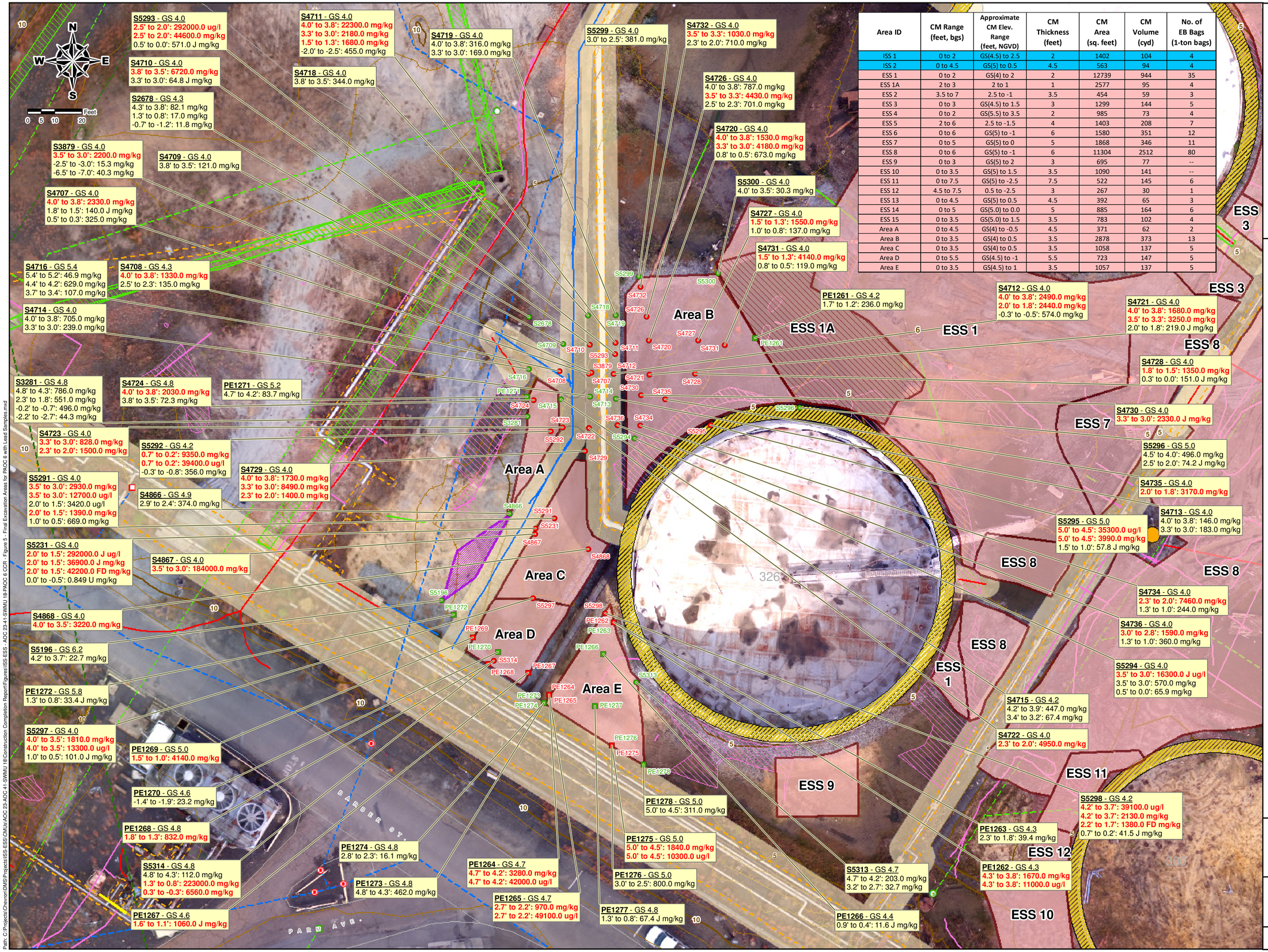
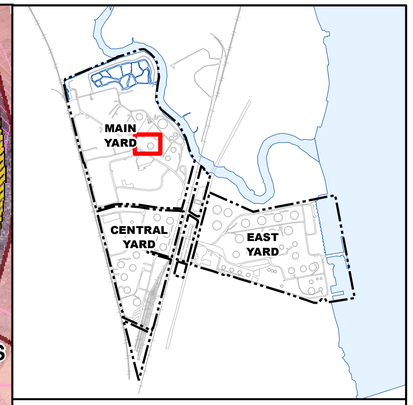


Area ID	CM Range (feet, bgs)	Approximate CM Elev. Range (feet, NGVD)	CM Thickness (feet)	CM Area (sq. feet)	CM Volume (cyd)	No. of EB Bags (1-ton bags)
ISS 1	0 to 2	GS(4.5) to 2.5	2	1402	104	4
ISS 2	0 to 4.5	GS(5) to 0.5	4.5	563	94	4
ESS 1	0 to 2	GS(4) to 2	2	12739	944	35
ESS 1A	2 to 3	2 to 1	1	2577	95	4
ESS 2	3.5 to 7	2.5 to -1	3.5	454	59	3
ESS 3	0 to 3	GS(4.5) to 1.5	3	1299	144	5
ESS 4	0 to 2	GS(5.5) to 3.5	2	985	73	4
ESS 5	2 to 6	2.5 to -1.5	4	1403	208	7
ESS 6	0 to 6	GS(5) to -1	6	1580	351	12
ESS 7	0 to 5	GS(5) to 0	5	1868	346	11
ESS 8	0 to 6	GS(5) to -1	6	11304	2512	80
ESS 9	0 to 3	GS(5) to 2	3	695	77	--
ESS 10	0 to 3.5	GS(5) to 1.5	3.5	1090	141	--
ESS 11	0 to 7.5	GS(5) to -2.5	7.5	522	145	6
ESS 12	4.5 to 7.5	0.5 to -2.5	3	267	30	1
ESS 13	0 to 4.5	GS(5) to 0.5	4.5	392	65	3
ESS 14	0 to 5	GS(5.0) to 0.0	5	885	164	6
ESS 15	0 to 3.5	GS(5.0) to 1.5	3.5	783	102	4
Area A	0 to 4.5	GS(4) to -0.5	4.5	371	62	2
Area B	0 to 3.5	GS(4) to 0.5	3.5	2878	373	13
Area C	0 to 3.5	GS(4) to 0.5	3.5	1058	137	5
Area D	0 to 5.5	GS(4.5) to -1	5.5	723	147	5
Area E	0 to 3.5	GS(4.5) to 1	3.5	1057	137	5



LEGEND

- Post Excavation - Lead Above CMI Action Level
- Post Excavation - Lead Below CMI Action Level
- Soil Boring - Lead Above CMI Action Level
- Soil Boring - Lead Below CMI Action Level
- SWMU 19 ESS CM Area
- ESS 1A
- ESS CM
- ISS CM
- 5 foot Tank Buffer
- Utility Pole
- Water Line
- Current Pipeway
- 5 foot Utility/Pipeway Buffer

Topographic Contours

- 1' Contour
- 1' Contour Depression
- 5' Contour
- 5' Contour Depression

PERTINENT NOTES:

1. Approx. 5-ft buffers were maintained between existing pipes and limits of excavation in accordance with site operation requirements.
2. Values in RED indicate results Lead > 800 mg/kg or TCLP Lead > 5,000 ug/l.
3. Samples within ESS CM areas were removed during excavation activities.
4. Sample depths have been converted to elevation (NGVD29).
5. Only samples associated with PAOC 6 are included on this figure. Remaining borings are not shown.

Boring ID — Ground Surface Elev. (ft. NGVD) — TCLP Result (ug/l) — Lead Result (mg/kg) — Elevation Range (ft. NGVD)

S4404 - GS 6.9
6.9' to 6.4': 3160.0 ug/l
5.4' to 4.9': 45.9 mg/kg

GENERAL NOTES:

1. "U" = Compound not detected above MDL.
2. "J" = Estimated concentration less than the reporting limit but above MDL.
3. Aerial photograph dated October 2017 was provided by Parsons.
4. Topographic contours shown are at 1-ft interval.
5. The horizontal datum is the New Jersey State Plan Coordinate System NAD83.
6. The vertical datum is the National Geodetic Vertical Datum of 1929 (NGVD29).

FINAL PAOC 6 EXCAVATION LIMITS WITH LEAD SAMPLE RESULTS

AOC 23-AOC 41-SWMU 18-PAOC 6 ISS-ESS CCR

Chevron

CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY

PROJECT #:	DATE:	DWN:	CHKD:	FIG NO.:
452038-37600	2/12/2020	ADW	JL	5

Path: C:\Projects\Chevron\DMS\Projects\ISS-ESS\CM\Jx\AOC 23-AOC 41-SWMU 18\Construction Completion Report\Figures\ISS-ESS - AOC 23-41-SWMU 18-PAOC 6 CCR - Figure 5 - Final Excavation Areas for PAOC 6 with Lead Samples.mxd