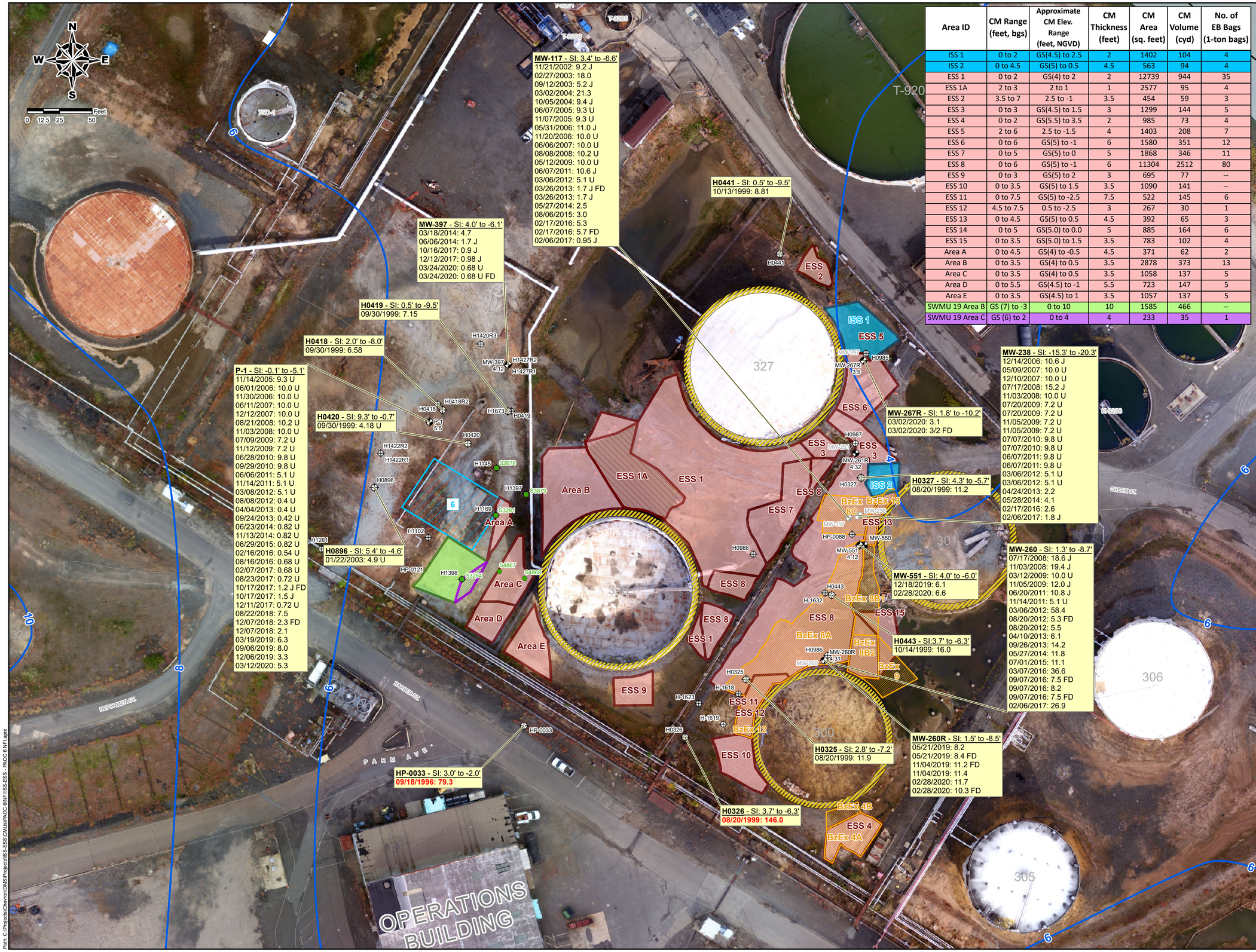
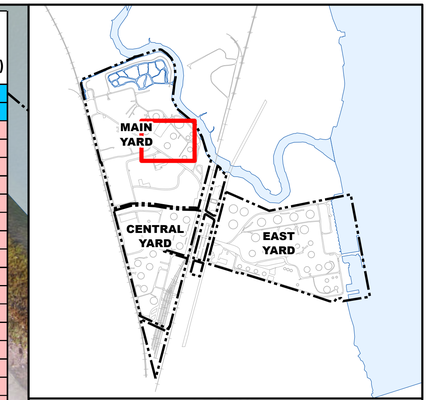


Area ID	CM Range (feet, bgs)	Approximate CM Elev. Range (feet, NGVD)	CM Thickness (feet)	CM Area (sq. feet)	CM Volume (cyd)	No. of EB Bags (1-ton bags)
ISS 1	0 to 2	GS(4.5) to 2.5	2	1402	104	4
ISS 2	0 to 4.5	GS(5) to 0.5	4.5	563	94	4
ESS 1	0 to 2	GS(4) to 2	2	12739	944	35
ESS 1A	2 to 3	2 to 1	1	2577	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
SWMU 19 Area B	GS (7) to -3	0 to 10	10	1585	466	--
SWMU 19 Area C	GS (6) to 2	0 to 4	4	233	35	1



LEGEND

- Deep Monitoring Well - Current
- Deep Monitoring Well - Abandoned
- Shallow Monitoring Well - Abandoned
- Temporary Well Point
- Soil Boring - Arsenic Below CMI Action Level
- Q2 2020 Shallow Groundwater Contour
- SWMU 19 Area C
- SWMU 19 Area B
- ESS 1A
- ESS CM
- ISS CM
- Benzene/Arsenic Excavation Area
- 5 foot Tank Buffer
- PAOC 6 Boundary

PERTINENT NOTES:

1. Values in RED indicate results above CMI Action Level of 60 ug/L.
2. Screen interval elevations were measured in feet (NGVD29).
3. Only soil borings associated with PAOC 6 are shown.
4. Samples within ESS CM areas were removed during excavation activities.

Well ID — Screen Interval (ft, NGVD29)

H0970 - SI: 9.3' to 1.3'
02/17/2005: 38.3

Sample Date — Benzene Results (ug/L)

GENERAL NOTES:

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

ARSENIC RESULTS IN GROUNDWATER
PAOC 6 JUSTIFICATION FOR NFI
FOR GROUNDWATER

CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
PERTH AMBOY, NEW JERSEY

PROJECT #:	DATE:	DWN:	CHKD:	FIG NO.:
452038-37600	9/11/2020	ADW	JL	4A

Path: C:\Projects\Chevron\DMS\Projects\ISS-ESS\CMUs\PAOC 6\NFI\ISS-ESS - PAOC 6 NFI.aprx