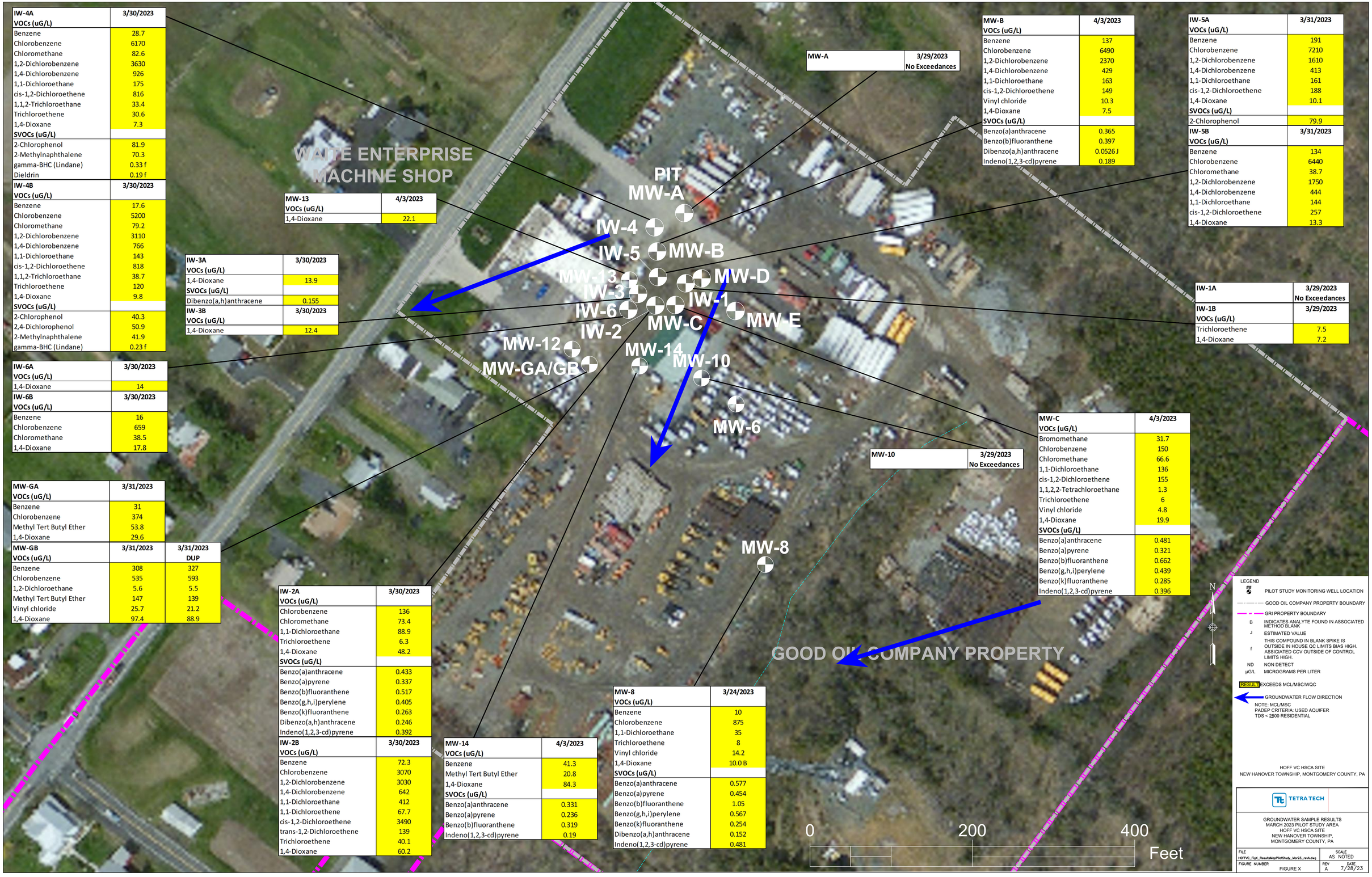

IW-4A VOCs (uG/L)	3/30/2023
Benzene	28.7
Chlorobenzene	6170
Chloromethane	82.6
1,2-Dichlorobenzene	3630
1,4-Dichlorobenzene	926
1,1-Dichloroethane	175
cis-1,2-Dichloroethene	816
1,1,2-Trichloroethane	33.4
Trichloroethene	30.6
1,4-Dioxane	7.3
SVOCs (uG/L)	
2-Chlorophenol	81.9
2-Methylnaphthalene	70.3
gamma-BHC (Lindane)	0.33 f
Dieldrin	0.19 f

IW-4B VOCs (uG/L)	3/30/2023
Benzene	17.6
Chlorobenzene	5200
Chloromethane	79.2
1,2-Dichlorobenzene	3110
1,4-Dichlorobenzene	766
1,1-Dichloroethane	143
cis-1,2-Dichloroethene	818
1,1,2-Trichloroethane	38.7
Trichloroethene	120
1,4-Dioxane	9.8
SVOCs (uG/L)	
2-Chlorophenol	40.3
2,4-Dichlorophenol	50.9
2-Methylnaphthalene	41.9
gamma-BHC (Lindane)	0.23 f

IW-6A VOCs (uG/L)	3/30/2023
1,4-Dioxane	14

IW-6B VOCs (uG/L)	3/30/2023
Benzene	16
Chlorobenzene	659
Chloromethane	38.5
1,4-Dioxane	17.8

MW-GA VOCs (uG/L)	3/31/2023
Benzene	31
Chlorobenzene	374
Methyl Tert Butyl Ether	53.8
1,4-Dioxane	29.6

MW-GB VOCs (uG/L)	3/31/2023	3/31/2023 DUP
Benzene	308	327
Chlorobenzene	535	593
1,2-Dichloroethane	5.6	5.5
Methyl Tert Butyl Ether	147	139
Vinyl chloride	25.7	21.2
1,4-Dioxane	97.4	88.9

MW-13 VOCs (uG/L)	4/3/2023
1,4-Dioxane	22.1

IW-3A VOCs (uG/L)	3/30/2023
1,4-Dioxane	13.9
SVOCs (uG/L)	
Dibenzo(a,h)anthracene	0.155

IW-3B VOCs (uG/L)	3/30/2023
1,4-Dioxane	12.4

IW-2A VOCs (uG/L)	3/30/2023
Chlorobenzene	136
Chloromethane	73.4
1,1-Dichloroethane	88.9
Trichloroethene	6.3
1,4-Dioxane	48.2
SVOCs (uG/L)	
Benzo(a)anthracene	0.433
Benzo(a)pyrene	0.337
Benzo(b)fluoranthene	0.517
Benzo(g,h,i)perylene	0.405
Benzo(k)fluoranthene	0.263
Dibenzo(a,h)anthracene	0.246
Indeno(1,2,3-cd)pyrene	0.392

IW-2B VOCs (uG/L)	3/30/2023
Benzene	72.3
Chlorobenzene	3070
1,2-Dichlorobenzene	3030
1,4-Dichlorobenzene	642
1,1-Dichloroethane	412
1,1-Dichloroethene	67.7
cis-1,2-Dichloroethene	3490
trans-1,2-Dichloroethene	139
Trichloroethene	40.1
1,4-Dioxane	60.2

MW-14 VOCs (uG/L)	4/3/2023
Benzene	41.3
Methyl Tert Butyl Ether	20.8
1,4-Dioxane	84.3
SVOCs (uG/L)	
Benzo(a)anthracene	0.331
Benzo(a)pyrene	0.236
Benzo(b)fluoranthene	0.319
Indeno(1,2,3-cd)pyrene	0.19

MW-8 VOCs (uG/L)	3/24/2023
Benzene	10
Chlorobenzene	875
1,1-Dichloroethane	35
Trichloroethene	8
Vinyl chloride	14.2
1,4-Dioxane	10.0 B
SVOCs (uG/L)	
Benzo(a)anthracene	0.577
Benzo(a)pyrene	0.454
Benzo(b)fluoranthene	1.05
Benzo(g,h,i)perylene	0.567
Benzo(k)fluoranthene	0.254
Dibenzo(a,h)anthracene	0.152
Indeno(1,2,3-cd)pyrene	0.481

MW-A	3/29/2023 No Exceedances

MW-10	3/29/2023 No Exceedances

MW-B VOCs (uG/L)	4/3/2023
Benzene	137
Chlorobenzene	6490
1,2-Dichlorobenzene	2370
1,4-Dichlorobenzene	429
1,1-Dichloroethane	163
cis-1,2-Dichloroethene	149
Vinyl chloride	10.3
1,4-Dioxane	7.5
SVOCs (uG/L)	
Benzo(a)anthracene	0.365
Benzo(b)fluoranthene	0.397
Dibenzo(a,h)anthracene	0.0526 J
Indeno(1,2,3-cd)pyrene	0.189

IW-5A VOCs (uG/L)	3/31/2023
Benzene	191
Chlorobenzene	7210
1,2-Dichlorobenzene	1610
1,4-Dichlorobenzene	413
1,1-Dichloroethane	161
cis-1,2-Dichloroethene	188
1,4-Dioxane	10.1
SVOCs (uG/L)	
2-Chlorophenol	79.9

IW-5B VOCs (uG/L)	3/31/2023
Benzene	134
Chlorobenzene	6440
Chloromethane	38.7
1,2-Dichlorobenzene	1750
1,4-Dichlorobenzene	444
1,1-Dichloroethane	144
cis-1,2-Dichloroethene	257
1,4-Dioxane	13.3

IW-1A	3/29/2023 No Exceedances

IW-1B VOCs (uG/L)	3/29/2023
Trichloroethene	7.5
1,4-Dioxane	7.2

MW-C VOCs (uG/L)	4/3/2023
Bromomethane	31.7
Chlorobenzene	150
Chloromethane	66.6
1,1-Dichloroethane	136
cis-1,2-Dichloroethene	155
1,1,2,2-Tetrachloroethane	1.3
Trichloroethene	6
Vinyl chloride	4.8
1,4-Dioxane	19.9
SVOCs (uG/L)	
Benzo(a)anthracene	0.481
Benzo(a)pyrene	0.321
Benzo(b)fluoranthene	0.662
Benzo(g,h,i)perylene	0.439
Benzo(k)fluoranthene	0.285
Indeno(1,2,3-cd)pyrene	0.396

LEGEND

- PILOT STUDY MONITORING WELL LOCATION
- GOOD OIL COMPANY PROPERTY BOUNDARY
- GRI PROPERTY BOUNDARY
- B — INDICATES ANALYTE FOUND IN ASSOCIATED METHOD BLANK
- J — ESTIMATED VALUE
- f — THIS COMPOUND IN BLANK SPIKE IS OUTSIDE IN HOUSE QC LIMITS BIAS HIGH. ASSICIATED CCV OUTSIDE OF CONTROL LIMITS HIGH.
- ND — NON DETECT
- µG/L — MICROGRAMS PER LITER
- RESULT — EXCEEDS MCL/MSC/WQC
- GROUNDWATER FLOW DIRECTION

NOTE: MCL/MSC
PADEP CRITERIA: USED AQUIFER
TDS < 2500 RESIDENTIAL

HOFF VC HSCA SITE
NEW HANOVER TOWNSHIP, MONTGOMERY COUNTY, PA

TETRA TECH

GROUNDWATER SAMPLE RESULTS
MARCH 2023 PILOT STUDY AREA
HOFF VC HSCA SITE
NEW HANOVER TOWNSHIP,
MONTGOMERY COUNTY, PA

FILE	SCALE
HOFFVC_Fig1_ResultsMapPilotStudy_Mar23_rev4.dwg	AS NOTED
FIGURE NUMBER: FIGURE X	REV: A — DATE: 7/28/23