

SUBJECT	TO
Proposed Well Abandonment Plan	Grant Trigger, RACER Trust
Blocks 1, 2, 3, 5, and 6 – RACER Buick City Site	
DATE	OUR REF
March 29, 2023	30174223
DEPARTMENT	PROJECT NUMBER
Environment	30174223
COPIES TO	NAME
Micki Maki, Arcadis	Chris Peters
Joey Barker, Arcadis	[REDACTED]

Background

This memo summarizes and requests approval for the monitoring well abandonment plan at Blocks 1, 2, 3, 5, and 6 at the RACER Buick City Site (Site) located in Flint, Michigan. **Figure 1** presents the well abandonment plan for Block 1, **Figure 2** for Blocks 2 and 3, and **Figure 3** for Blocks 5 and 6. The well abandonment plan for Block 4 was submitted to the Michigan Department of Environment, Great Lakes, and Energy (EGLE) on January 19, 2023 as part of the document entitled “Block 4 Groundwater Management Strategy and Well Abandonment Plan”, and was revised and formal approval requested on March 17, 2023.

Similar to Block 4, in order to meet environmental investigation and remediation alternatives analyses, the monitoring well abandonment strategy for Blocks 1, 2, 3, 5, and 6 has been proposed based on both short-term and long-term monitoring strategies. There are four basic categories of monitoring wells, as summarized below.

Wells proposed for immediate abandonment

- These wells no longer have any useful purpose for investigation, remediation, or monitoring (most were used for LNAPL assessment completed in 2016).
- These wells will be abandoned prior to beginning of construction activities.

Short-term Investigation Monitoring Wells

- These wells will be used for short-term investigative purposes, primarily related to PFAS.
- Wells will be abandoned when investigative activities are complete.

Short-term Construction Monitoring Wells

- These wells will be used to monitor groundwater during slab removal and construction activities.
- Wells will be abandoned when slab construction is complete but may be retained for long-term monitoring.

Long Term Monitoring Network

- These wells will remain for long-term monitoring of site conditions – for both PFAS and overall site monitoring purposes.

A discussion of the proposed well abandonment plans for Blocks 1,2, 3, 5, and 6 is provided below. The monitoring wells and their coordinates are listed in **Attachment 1**.

Well Abandonment Plans

Block 1

The proposed monitoring well abandonment plan for Block 1 is shown on **Figure 1**. A total of 27 wells are proposed for immediate abandonment. Most of these wells are located within the LNAPL plume beneath the former Factory 36 and have been historically used for monitoring LNAPL thicknesses. The LNAPL plume has been shown to be stable and not migrating, as presented in the document entitled “RACER Buick City Remedy Recommendation Report” (Arcadis, 2016). Therefore, these wells are no longer needed. Most of the soil and groundwater impacts on Block 1 are near the eastern property boundary, primarily volatile organic compounds (VOCs), groundwater flow as reflected in the groundwater contours on **Figure 1** is to the east and northeast. As such, four short-term monitoring wells are located in this area. Depending on the results of the water quality monitoring, some or all of these wells may be retained for long-term monitoring. A total of 35 long-term monitoring wells, 11 on-Site and 24 off-Site are proposed, both to provide a sufficient number of wells for developing groundwater contours, and to monitor water quality impacts off-Site.

Blocks 2 and 3

The proposed monitoring well abandonment plan for Blocks 2 and 3 is shown on **Figure 2**. A total of 242 wells are proposed for immediate abandonment. Many of these wells were constructed as temporary wells. Similar to Block 1, most of these wells are located within LNAPL plumes in these two Blocks and have been historically used for monitoring LNAPL thicknesses. Also similar to Block 1, these LNAPL plumes has been shown to be stable and not migrating (Arcadis, 2016). Therefore, these wells are no longer needed. The monitoring wells outside of LNAPL areas are primarily located away from the property boundary and are thus not useful in tracking potential contaminant migration beyond the property boundary, or there are other wells nearby that can be used for monitoring water quality. A total of 36 monitoring wells are retained as short-term investigation wells, located in the northeast corner of Block 2, in the Foam Generation Building (FGB) Area. The FGB area contains elevated concentrations of PFAS in soil and groundwater, thus these wells are intended to investigate PFAS groundwater impacts. Retention of these wells will be determined following further investigation. A total of 6 monitoring wells have been identified as short-term construction monitoring wells. As indicated on **Figure 2**, some of these wells will be abandoned following short-term monitoring and others will be retained following short-term monitoring and may be retained for long-term monitoring. A total of 31 monitoring wells will be retained for long-term monitoring, 18 on-Site and 13 of these located off-Site. Note the two long-term monitoring wells located north of Stewart Avenue have been retained to monitor an upgradient groundwater plume containing chromium from an historic plating operation located there. The long-term monitoring wells located in the northeast corner of Block 2 are intended to monitor groundwater impacts from the FGB. The remaining off-Site monitoring wells are intended to monitor historic VOC impacts in groundwater. These VOC plumes are stable and not migrating.

Blocks 5 and 6

The proposed monitoring well abandonment plan for Blocks 5 and 6 is shown on **Figure 3**. A total of 71 monitoring wells are proposed for immediate abandonment. Some of these wells are located within LNAPL plumes but the majority of wells are located long distances from the Flint River and the property boundary, or there are other monitoring wells nearby making them redundant. A total of 71 monitoring wells are retained as short-term investigation wells, located in the southeast corner of Block 5 and the western portion of Block 6. These wells are primarily intended to monitor PFAS releases in this area, but will also be used to monitor VOCs, arsenic, and cyanide. Retention of these wells will be determined following further investigation. A total of 10 monitoring wells have been identified as short-term construction monitoring wells. As indicated on **Figure 3**, some of the wells will be abandoned immediately following short-term monitoring and others will be retained following short-term monitoring and may be retained for long-term monitoring. These will be used to monitor PFAS impacts in groundwater on Block 5, and as previously discussed, PFAS, VOCs, arsenic, and cyanide impacts on Block 6. A total of 63 monitoring wells will be retained for long-term monitoring, 44 on-Site and 19 of these located off-Site. Four wells are clustered in the northeast corner of Block 5, near where groundwater discharges to the French drain that subsequently discharges to the Outfall 005 storm sewer. The long-term monitoring wells on Block 6 are intended to monitor the downgradient end of the PFAS, VOC, arsenic, and cyanide plumes. A few wells will be retained long-term to monitor groundwater quality on the CSX property.

References

Arcadis, 2016. Final Draft – RACER Buick City Remedy Recommendation Report, Buick City Site, Flint, Michigan. Submitted to US Environmental Protection Agency, August 29, 2014, revised February 15, 2016.

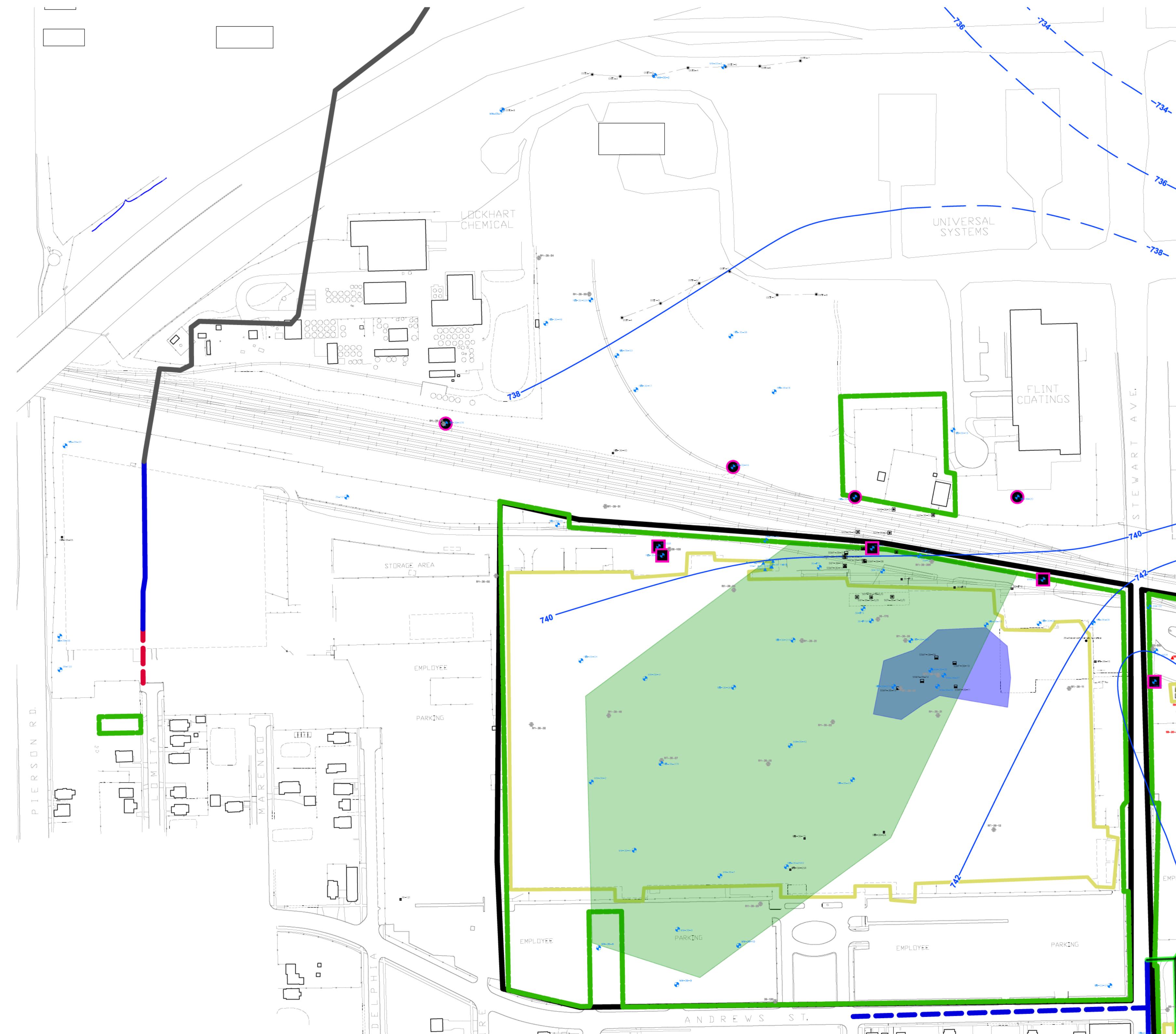
Enclosures:

Figure 1 – Block 1 Monitoring Well Abandonment

Figure 2 – Block 2 and 3 Monitoring Well Abandonment

Figure 3 – Block 5 and 6 Monitoring Well Abandonment

Attachment 1 – Monitoring Well Lists



LEGEND:

- SOIL PILES
- RESERVED PROPERTIES
- WMU AREAS
- LNAPL AREAS
- PCB IMPACT RESTRICTED AREAS
- SOIL IMPACT RESTRICTED AREAS
- SOIL IMPACT AOC AREAS
- PROPERTY LINE
- FORMERLY OWNED RACER PROPERTIES
- SEWER LINE ABOVE WATER TABLE
- SEWER LINE BELOW WATER TABLE (LIMITED DATA AVAILABLE)
- SEWER LINE ABOVE WATER TABLE
- SEWER LINE ABOVE WATER TABLE (LIMITED DATA AVAILABLE)
- SEALED STORM SEWER LINE
- INSUFFICIENT DATA AVAILABLE
- COMPLETED BULKHEADS AND PLUGS

MONITORING WELLS PROPOSED FOR IMMEDIATE ABANDONMENT

SHORT-TERM CONSTRUCTION MONITORING WELLS. MAY BE RETAINED FOR LONG TERM MONITORING

LONG-TERM MONITORING WELLS

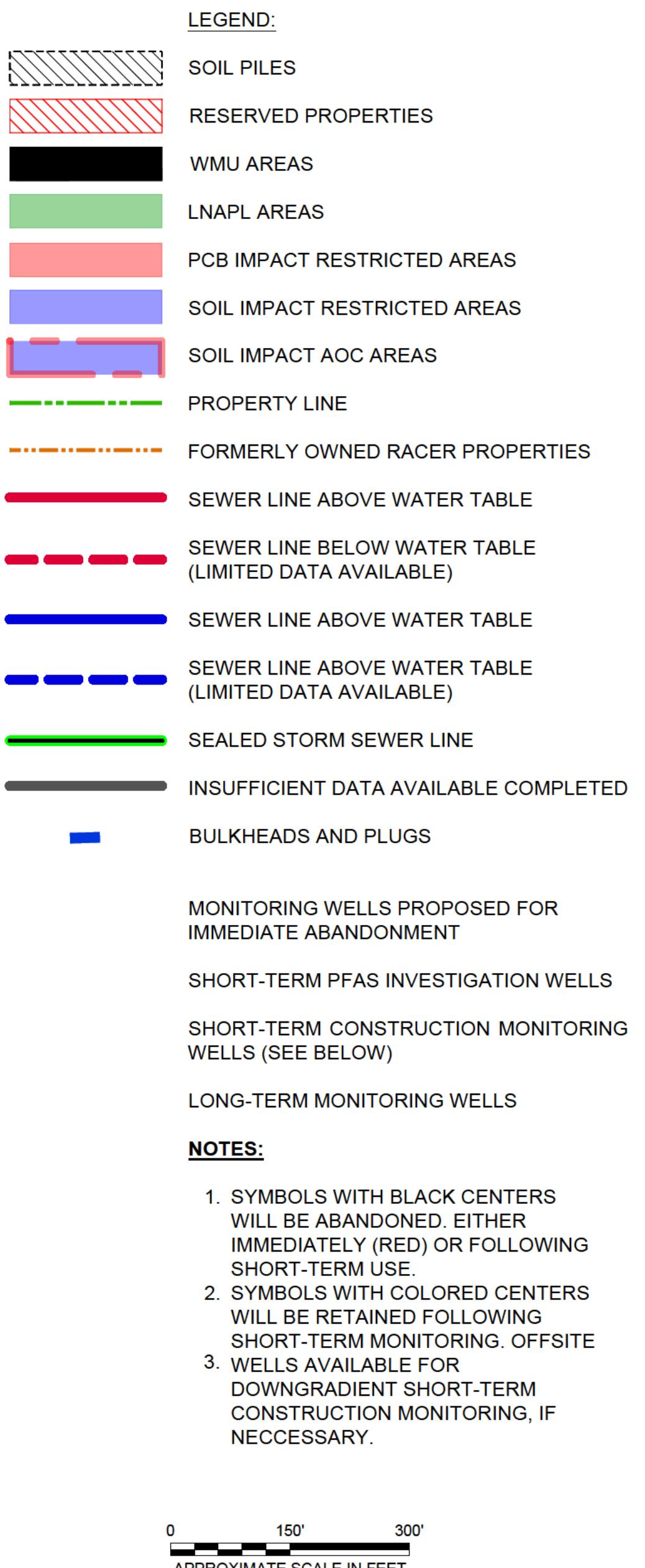
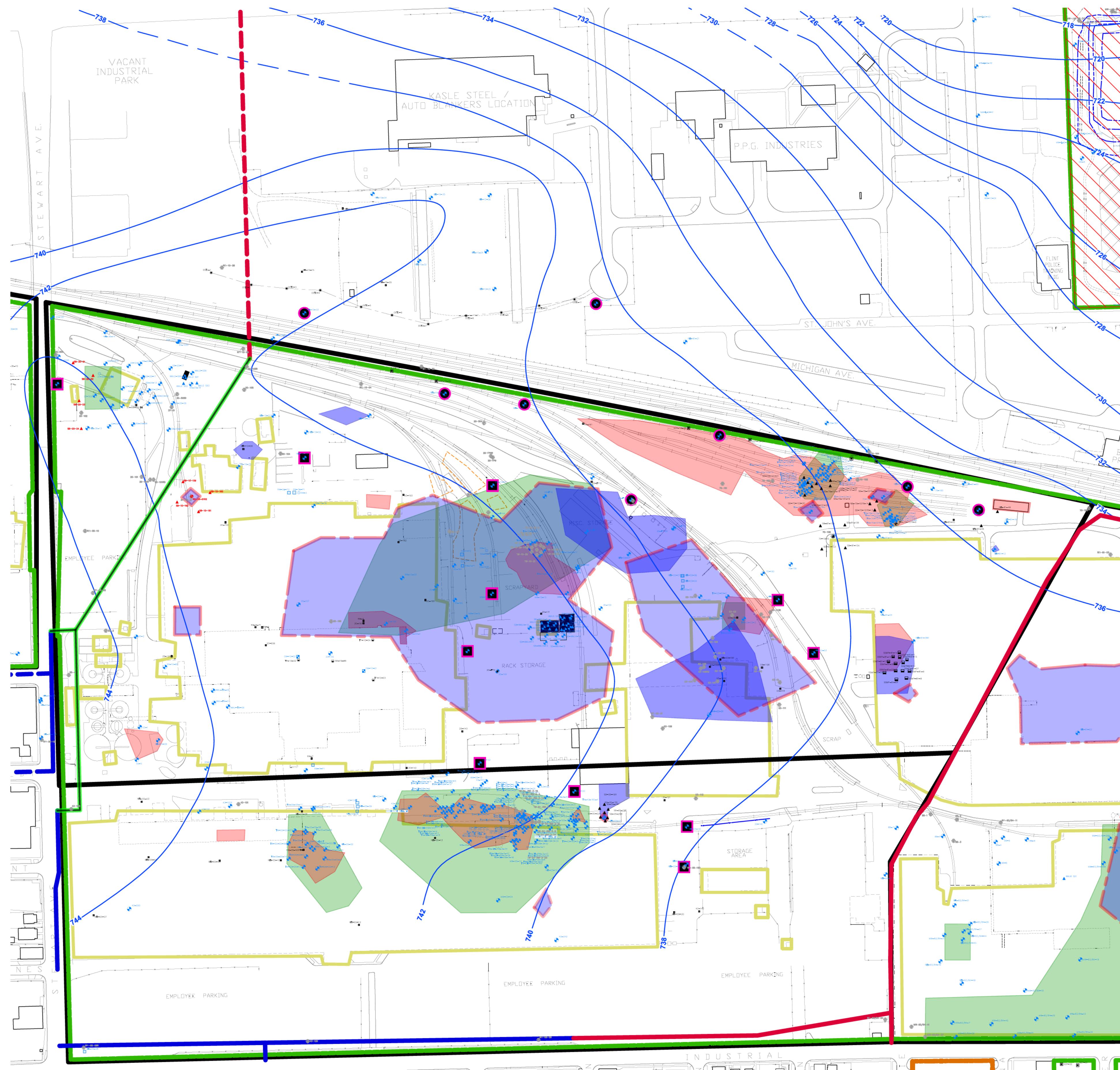
NOTES:

1. SYMBOLS WITH BLACK CENTERS WILL BE ABANDONED. EITHER IMMEDIATELY (RED) OR FOLLOWING SHORT-TERM USE.
2. SYMBOLS WITH COLORED CENTERS WILL BE RETAINED FOLLOWING SHORT-TERM MONITORING
3. OFFSITE WELLS AVAILABLE FOR DOWNGRADIENT SHORT-TERM CONSTRUCTION MONITORING, IF NECESSARY.

0 150' 300'
APPROXIMATE SCALE IN FEET

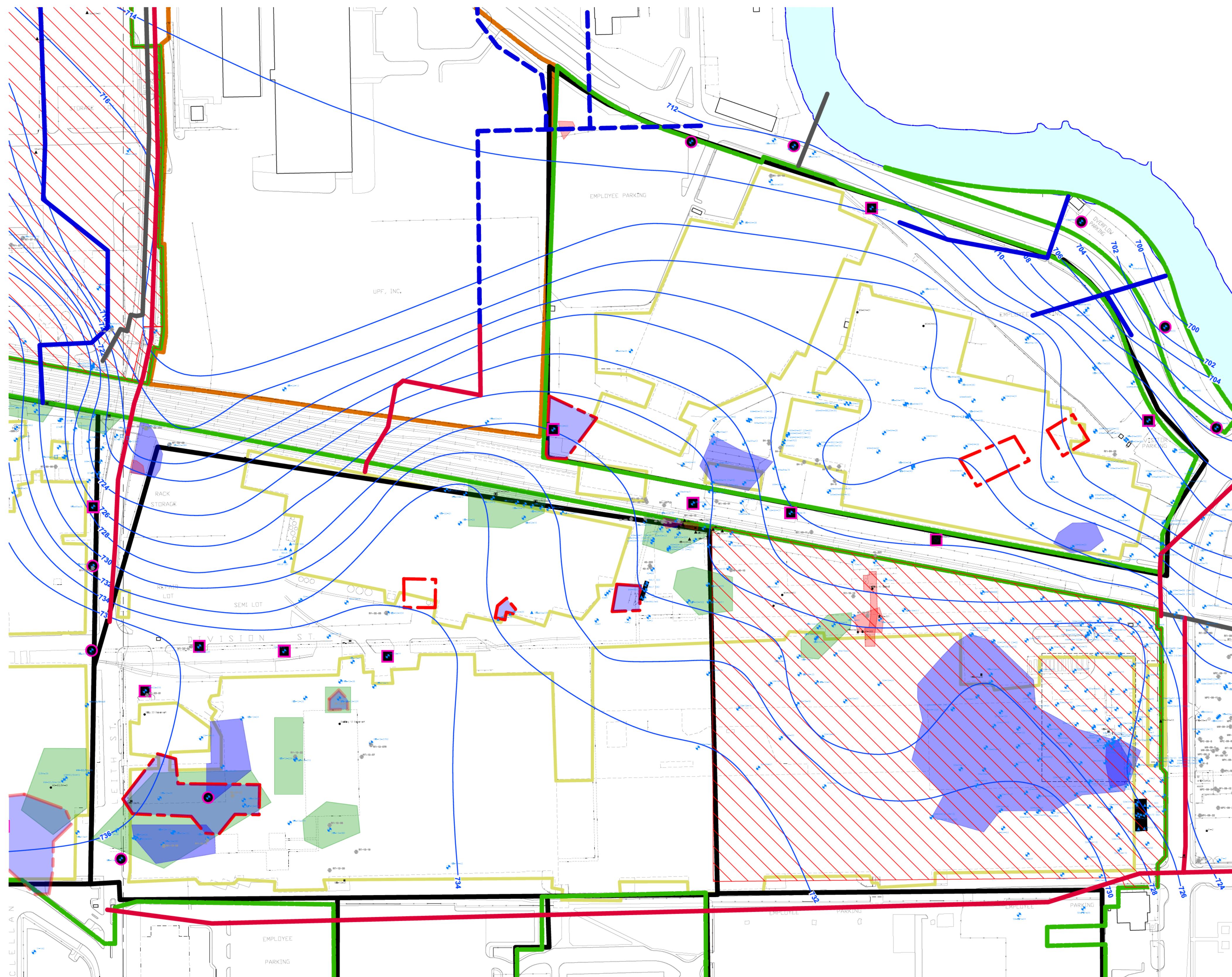
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**BLOCK 1
WELL ABANDONMENT PLAN**



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BLOCK 2 AND 3 MONITORING WELL ABANDONMENT



LEGEND:

- SOIL PILES
- RESERVED PROPERTIES
- WMU AREAS
- LNAPL AREAS
- PCB IMPACT RESTRICTED AREAS
- SOIL IMPACT RESTRICTED AREAS
- SOIL IMPACT AOC AREAS
- PROPERTY LINE
- FORMERLY OWNED RACER PROPERTIES
- SEWER LINE ABOVE WATER TABLE
- SEWER LINE BELOW WATER TABLE (LIMITED DATA AVAILABLE)
- SEWER LINE ABOVE WATER TABLE
- SEWER LINE ABOVE WATER TABLE (LIMITED DATA AVAILABLE)
- SEALED STORM SEWER LINE
- INSUFFICIENT DATA AVAILABLE
- COMPLETED BULKHEADS AND PLUGS
- MONITORING WELLS PROPOSED FOR IMMEDIATE ABANDONMENT
- SHORT-TERM PFAS INVESTIGATION WELLS
- SHORT-TERM CONSTRUCTION MONITORING WELLS (SEE BELOW)
- LONG-TERM MONITORING WELLS

- NOTES:**
- SYMBOLS WITH BLACK CENTERS WILL BE ABANDONED. EITHER IMMEDIATELY (RED) OR FOLLOWING SHORT-TERM USE.
 - SYMBOLS WITH COLORED CENTERS WILL BE RETAINED FOLLOWING SHORT-TERM MONITORING, OFFSITE.
 - WELLS AVAILABLE FOR DOWNGRADIENT SHORT-TERM CONSTRUCTION MONITORING, IF NECESSARY.

0 150' 300'
APPROXIMATE SCALE IN FEET

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BLOCK 5 AND 6 MONITORING WELL ABANDONMENT

Attachment 1

**Monitoring Well Coordinates for Blocks 1,
2, 3, 5, and 6**

Block 1 - Abandonment Monitoring Wells (Red)						
Location ID	X-Easting	Y-Northing	Depth (ft bgs)		Elevations	
			Top of Screen	Bottom of Screen	Top of PVC Elevation	Ground Elevation
36-160	13307017.37	567688.98	10.00	17.00	750.12	750.94
36-FP1	13307026.45	567841.14	8.00	18.00	750.60	750.60
36-FP5R	13306901.68	567700.51	11.00	21.00		
36-FP7	13307054.07	567600.57	7.00	17.00	750.02	750.02
MW-36-10	13306117.98	568034.86	10.00	20.00	754.68	754.67
MW-36-2	13306510.71	568388.96	10.00	25.00	755.80	756.17
MW-36-37	13306767.11	567541.85	7.00	22.00	753.35	753.82
MW-36-38	13306740.59	567557.26	7.00	22.00	753.44	753.84
MW-36-39	13306779.36	567573.27	7.00	22.00	753.86	753.85
MW-36-4	13306346.75	568285.88	8.00	18.00	755.57	755.94
MW-36-41	13306759.28	568259.71	5.00	20.00	755.30	755.73
MW-36-42	13306598.11	567910.97	5.00	20.00	754.59	754.92
MW-36-6	13306156.71	568181.61	10.00	20.00	754.70	755.05
MW-36-7	13306284.87	568080.03	10.00	20.00	755.05	755.37
MW-36-8	13306112.12	568371.47	10.00	20.00	755.89	756.19
RFI-36-04	13306802.24	568413.93	18.00	23.00	756.14	756.14
RFI-36-06	13306738.15	568047.09	16.00	21.00	755.29	755.29
RFI-36-07R	13306740.09	567662.42	15.00	20.00	753.78	754.20
RFI-36-09	13306893.14	567182.91	6.00	16.00	755.29	750.78
RFI-36-21R	13306851.62	567904.38	5.00	15.00	754.56	
RFI-36-27R	13306555.13	568221.58	5.00	20.00	755.18	755.46
RFI-36-23	13306516.24	567761.27	12.00	17.00	754.09	754.20
RFI-36-25R2	13306307.22	567920.25	9.50	19.50	754.37	754.33
RFI-36-46	13307128.61	568470.07	10.00	20.00	750.13	750.13
RW-1	13307056.38	567623.81			749.92	
RW-2	13307049.69	567593.80			749.65	
RW-3	13307046.52	567572.37			749.46	

Block 1 - Short-Term Construction Monitoring Wells (Magenta)

Location ID	X-Easting	Y-Northing	Elevations		Depth (ft bgs)	
			Top of PVC Elevation	Ground Elevation	Top of Screen	Bottom of Screen
36-100R	13307076.83	568227.66	750.62	751.00	6.00	16.00
36-FP2	13307072.25	567713.93	750.30	750.73	8.00	18.00
MW-36-40	13306997.24	567303.12	752.96	750.27	2.00	12.00
RFI-36-35	13307055.34	568218.55	750.05	750.05	15.00	25.00

Block 1 - Long Term Monitoring Wells (Green)						
Location ID	X-Easting	Y-Northing	Elevations		Depth (ft bgs)	
			Top of PVC Elevation	Ground Elevation	Top of Screen	Bottom of Screen
ONSITE						
36-FP4	13306927.17	567735.83	753.70	751.99	11.50	21.50
36-100R	13307076.83	568227.66	750.62	751.00	6.00	16.00
36-FP2	13307072.25	567713.93	750.30	750.73	8.00	18.00
MW-36-40	13306997.24	567303.12	752.96	750.27	2.00	12.00
MW-36-9	13306024.14	568183.78	756.09	756.06	10.00	20.00
RFI-36-03	13307091.08	567969.80	751.31	751.31	14.50	19.50
RFI-36-08	13306891.18	567312.98	755.07	749.29	6.00	16.00
RFI-36-29R	13306850.62	567621.36	753.72	753.72	11.00	21.00
RFI-36-35	13307055.34	568218.55	750.05	750.05	15.00	25.00
RFI-36-43	13306888.25	567440.01	753.26	753.26	10.00	20.00
RFI-55-01	13306021.62	567143.10	751.85	751.85	6.00	16.00
OFFSITE						
36-101	13307195.26	568976.72	750.11	750.94	11.00	18.00
38-120	13306780.61	569665.64	748.43	749.33	11.00	18.00
MW-OS-1	13308125.28	568603.15	749.11	749.42	11.00	21.00
MW-OS-2	13308208.02	568237.18	749.51	749.67	13.00	23.00
MW-OS-3	13308229.14	568070.90	751.71	752.23	16.00	26.00
MW-OS-4	13308432.21	568890.56	741.24	741.28	8.00	13.00
MW-OS-5	13308724.04	568657.25	739.49	739.90	6.00	11.00
MW-OS-6	13309420.08	568668.89	732.83	733.36	4.00	14.00
MW-OS-7	13308538.68	568403.82	748.14	748.46	12.00	22.00
MW-OS-8	13308642.86	568131.78	751.08	751.27	13.50	23.50
MW-OS-9	13308741.56	567914.04	748.76	748.96	12.50	22.50
RFI-36-17	13307453.17	568281.97	753.93	753.93	12.00	22.00
RFI-36-18	13307448.28	567949.67	753.12	753.12	14.00	24.00
RFI-36-19	13307356.55	567519.98	753.31	753.31	11.50	21.50
RFI-36-20	13307195.23	567365.48	757.01	757.01	12.00	22.00
RFI-36-37	13307195.18	567755.54	757.15	757.15		
RFI-36-44	13307267.54	568048.47	752.45	752.45	9.00	19.00
RFI-36-47R	13307371.77	568739.00	751.87	749.03	10.00	20.00
RFI-36-48	13307612.53	568498.38	757.71	755.33	16.00	26.00
RFI-36-53	13307535.01	568327.50	753.25		12.00	22.00
RFI-36-55R	13307668.92	568389.87	750.50	747.43	7.00	17.00
RFI-36-56	13307581.90	568053.65	749.97	747.32	7.00	17.00
RFI-38-04	13307320.08	569654.09	751.58	751.58	15.00	25.00
RFI-38-06	13306861.90	569666.81	749.43	749.43	12.00	22.00

Block 2/3 - Abandonment Monitoring Wells (Red)						
Location ID	X-Eastng	Y-Northing	Depth (ft bgs)		Elevations	
			Top of Screen	Bottom of Screen	Top of PVC Elevation	Ground Elevation
ONSITE						
03-03R2	13306109.92	565203.88	6.00	16.00	746.6	746.9
03-114R	13306176.13	565294.11	7.00	17.00	746.27	746.72
20-107	13306154.59	566382.50				
20-121	13305710.56	566631.76				
20-122	13305705.89	566362.57	11.50	16.50	753.10	753.60
20-144	13305973.98	565843.36	7.50	12.50	749.46	749.90
20-163R	13306265.11	565886.39			750.58	
20-165	13306167.10	565958.83	10.00	15.00	749.97	
20-168	13306102.27	566145.82			753.44	
20-500R	13306825.97	567032.60	6.00	16.00	751.24	751.00
20-FP10R	13306498.65	565585.90	3.50	13.50		747.12
20-FP12	13306360.95	565365.29	3.00	12.00	742.51	
20-FP2	13306205.12	566007.96	10.00	20.00	753.51	
20-FP4R	13306391.54	565857.09	5.00	15.00	751.25	
20-FP6/6R	13306256.92	565627.49	5.00	15.00	748.31	748.32
20-FP7	13306351.22	565601.70	4.00	14.00	748.53	
20-FP8	13306447.42	565715.28	4.00	14.00	748.73	748.73
55-1	13305822.93	566812.19	9.00	16.00	753.43	753.85
55-2	13306067.51	566822.45	9.00	16.00	753.06	753.73
55-5	13305734.56	566820.33	10.00	17.00	753.94	754.30
70-100	13306238.14	565124.55	29.00	25.00	742.97	743.4
70-101	13306507.61	564957.18	5.00	15.00	742.68	742.66
70-102R	13306492.68	564867.72	3.00	13.00	742.56	743.04
70-103	13306463.18	565008.03	5.00	15.00	743.78	743.54
70-104	13306445.35	564827.54	5.00	15.00	743.51	
70-105	13306445.57	564798.51	10.00	20.00	743.58	
70-106	13306406.03	564994.66	4.50	9.50	743.60	743.24
70-107R	13306382.60	564776.42	3.00	13.00	742.80	743.04
70-108R	13306339.39	564933.29	6.00	16.00	744.34	744.42
70-109	13306263.63	565048.89	5.00	15.00	741.60	741.80
70-165	13306468.21	564664.30	5.00	10.00	741.95	742.41
MW-03-01	13305856.05	565269.88	5.00	15.00	748.31	748.64
MW-10-03	13306226.51	566101.49	10.00	20.00	753.55	753.89
MW-10-13	13306184.94	565735.79	5.00	15.00	748.58	748.24
MW-10-14	13306185.31	565654.99	5.00	15.00	748.23	747.99
MW-10-15	13306120.85	565928.87	5.00	15.00	749.95	749.45
OW-10-01	13305974.74	566205.39	2.50	12.50	742.01	742.41
OW-10-02	13306013.27	566383.90	3.00	13.00	756.72	754.00
RFI-03-04	13306291.14	565487.54	5.00	15.00	746.67	746.85
RFI-36-13	13306632.30	566953.97			751.81	752.16
RFI-81-13R	13306302.18	564500.93				

RFI-81-43	13306339.24	564811.10	3.00	13.00	743.76	
RFI-81-49	13306376.51	564464.62	3.00	13.00	742.71	
RFI-81-50	13306483.09	564579.18	3.00	13.00	740.60	
RFI-SS-04	13306218.94	565341.15				
RFI-SS-05	13306205.02	565340.85	6.00	16.00	746.05	746.36
RFI-SS-06	13306218.47	565341.85	6.00	16.00	745.94	746.12
RFI-SS-07	12206232.23	565343.25	6.00	16.00		
RW-1 (10)	13306272.10	565939.09				
RW-1-P1	13306259.75	565937.98				
RW-1-P2	13306290.34	565939.56				
RW-2 (f10)	13306300.81	565872.82				
RW-3 (F10)	13306457.53	566381.52				
RW-3A-P1	13306457.85	566393.78				
RW-3A-P2	13306457.50	566408.24				
RW-7-P1	13305719.77	566343.29				
SB-10-75(5-10)	13306527.47	566545.68	5.00	10.00	751.93	751.63
SB-10-76(9-14)	13306421.88	566341.20	9.00	14.00	754.19	753.60
SB-10-83(10-15)	13305985.85	566743.92	10.00	15.00	753.63	753.62
SB-10-131	13306286.92	565852.05	12.00	22.00	752.23	751.59
SB-WMU4-10	13306091.70	565755.61	10.00	15.00	750.96	747.87
SB-WMU4-11	13306065.33	565749.38	10.00	15.00	750.16	747.67
SB-WMU4-12	13306050.25	565713.67	8.00	13.00	749.40	747.21
SB-WMU4-13	13306050.53	565682.58	7.00	12.00	749.98	746.88
SB-WMU4-14	13306071.32	565659.65	7.50	12.50	749.06	747.09
SB-WMU4-5(7-12)	13306091.99	565718.14	7.00	12.00	751.24	747.71
SB-WMU4-6(5-10)	13306108.68	565703.59	5.00	10.00	747.88	747.45
SB-WMU4-7(5-10)	13306101.10	565687.85	5.00	10.00	748.06	747.66
SB-WMU4-8(5-10)	13306070.69	565711.07	5.00	10.00	747.42	746.84
SB-WMU4-9(7-12)	13306071.16	565682.56	7.00	12.00	747.49	746.90
SB-WMU5-10	13306093.31	565640.30	5.00	10.00	747.35	746.62
SB-WMU5-6(5-10)	13306116.38	565664.55	5.00	10.00	747.67	746.86
SB-WMU5-7	13306120.72	565644.85	5.00	10.00	747.14	746.78
SB-WMU5-8(5-10)	13306100.54	565653.79	5.00	10.00	747.73	747.15
SB-WMU5-9(5-10)	13306086.20	565660.50	5.00	10.00	748.08	747.07
TW-03-03-1	13306126.19	565235.34	5.00	15.00	749.50	746.98
TW-03-03-2	13306176.30	565220.28	5.00	15.00	750.25	747.31
TW-03-03-3	13306115.97	565175.77	5.00	15.00	750.17	747.67
TW-03-03-4	13306087.02	565212.83	5.00	15.00	750.23	747.27
TW-10-08-12	13306319.92	565751.83	4.00	14.00	750.84	749.71
TW-10-08-16	13306288.07	565726.91	3.00	13.00	750.93	748.99
TW-10-08-17	13306299.59	565717.60	3.00	13.00	750.91	749.04
TW-10-08-5	13306325.38	565739.72	3.00	13.00	751.52	749.74
TW-10-4-1	13306084.24	566090.82	5.00	15.00	756.21	753.99
TW-70-101-1	13306501.35	564970.91	4.00	9.00	747.05	743.46
TW-70-101-10	13306522.24	564969.74	3.00	8.00	744.92	743.04
TW-70-101-16	13306493.42	564950.95	4.00	9.00	744.69	743.19
TW-70-101-2	13306490.84	564961.90	4.00	9.00	746.63	743.48

TW-70-101-3	13306502.04	564951.47	3.00	8.00	745.01	743.21
TW-70-101-4	13306508.06	564964.45	4.00	9.00	743.75	743.11
TW-70-101-5	13306504.31	564943.38	3.00	8.00	744.81	743.11
TW-70-101-6	13306512.56	564951.16	4.00	9.00	743.68	742.91
TW-70-101-7	13306521.57	564960.33	3.00	8.00	743.87	743.08
TW-70-101-8	13306519.45	564949.50	3.00	8.00	744.90	742.85
TW-70-101-9	13306532.41	564960.68	4.00	9.00	742.62	742.35
TW-70-103-1	13306458.69	564993.11	3.00	13.00	745.67	743.80
TW-70-103-10	13306474.94	565014.45	3.00	13.00	745.86	743.73
TW-70-103-11	13306483.16	565005.22	3.00	13.00	745.49	743.70
TW-70-103-12	13306484.72	564988.06	4.00	9.00	744.47	743.81
TW-70-103-14	13306492.64	565011.96	4.00	9.00	744.41	743.85
TW-70-103-15	13306482.55	565024.38	5.00	10.00	746.39	743.96
TW-70-103-16	13306474.40	565021.62	5.00	10.00	745.68	743.70
TW-70-103-17	13306460.27	565026.70	5.00	10.00	745.40	743.65
TW-70-103-18	13306536.24	565013.07	4.00	9.00	744.35	742.81
TW-70-103-19	13306519.91	564994.85	3.00	8.00	745.39	743.22
TW-70-103-2	13306456.59	565003.66	4.00	9.00	744.38	743.86
TW-70-103-20	13306500.20	564982.92	4.00	9.00	744.45	743.30
TW-70-103-3	13306452.57	565020.12	3.00	13.00	745.56	743.53
TW-70-103-4	13306467.78	565001.47	3.00	13.00	745.59	743.66
TW-70-103-5	13306479.28	565010.17	3.00	13.00	746.00	743.76
TW-70-103-6	13306465.43	565015.83	3.00	13.00	745.98	743.88
TW-70-103-7	13306472.08	564994.11	3.00	13.00	745.45	743.33
TW-70-103-8	13306484.89	565012.28	3.00	13.00	745.76	743.75
TW-70-103-9	13306480.39	565014.69	3.00	13.00	745.83	743.73
TW-70-107R-1	13306383.70	564792.15	4.00	9.00	744.20	743.21
TW-70-107R-10	13306396.77	564777.02	3.00	13.00	744.34	743.07
TW-70-107R-11	13306405.20	564784.14	3.00	8.00	744.28	742.43
TW-70-107R-12	13306392.06	564795.23	5.00	10.00	742.62	742.35
TW-70-107R-2	13306390.08	564777.15	4.00	9.00	743.74	743.08
TW-70-107R-3	13306375.40	564775.29	4.00	9.00	744.92	743.99
TW-70-107R-4	13306382.34	564767.40	4.00	9.00	744.09	743.55
TW-70-107R-5	13306392.51	564763.58	4.00	9.00	744.22	743.04
TW-70-107R-7	13306366.56	564775.27	4.00	9.00	745.31	744.36
TW-70-107R-8	13306382.62	564760.20	3.00	13.00	745.13	743.06
TW-70-107R-9	13306390.03	564784.25	3.00	13.00	744.65	742.94
WMU-TW-05	13305921.57	566613.90	7.00	17.00	756.38	754.00
WMU-TW-06	13305878.36	566573.21	8.00	18.00	755.95	753.95
WMU-TW-07	13305888.30	566611.84	8.00	18.00		
RFI-81-04	13306136.75	564801.44	9.00	14.00		745.83
TW-70-103-13	13306493.33	565001.18	3.00	13.00	744.81	743.78
30-140	13305567.65	565118.39	5.00	15.00	745.88	745.77
43-100	13305593.77	566651.29	10.50	15.50	753.69	754.0
43-101R	13305609.22	566567.49	8.00	18.00	752.6	752.6
43-102	13305599.89	566341.71	8.00	23.00	752.63	752.86
43-120	13304972.02	566357.40	8.00	15.00		755.29

43-160	13305605.44	566080.06	9.00	14.00	751.0	751.4
43-161	13305604.01	566000.98	9.00	14.00	750.97	751.4
43-162	13305607.11	565885.54	8.50	13.50	750.44	750.8
43-163	13305586.72	565786.01	8.50	13.50	750.21	750.6
43-164	13305579.64	565726.48	9.50	14.50	750.16	750.5
43-165	13305570.29	565632.87			749.41	749.45
43-166	13305664.25	565730.07	5.00	15.00	747.97	748.13
43-167	13305675.47	565874.52	5.00	15.00	748.429	748.80
43-168	13305686.76	566020.96	5.00	15.00	750.10	750.224
43-169	13305605.94	566121.03	5.00	15.00	750.32	750.38
43-220	13305330.34	566840.93	11.00	23.00	753.95	
43-242	13305246.09	565683.66	12.00	24.00	753.64	
Doghouse Well 1	13305596.25	565977.70			751.09	
Doghouse Well 2	13305598.27	565869.45			750.7	
Doghouse Well 3	13305576.16	565754.51			751.17	
MW-05-04	13305353.77	565841.40	7.00	17.00	754.07	754.50
MW-05-10	13305666.89	565885.62	4.00	14.00	748.81	749.09
MW-05-13	13305626.99	566008.18	4.00	14.00	750.09	750.57
MW-05-14	13305511.74	565799.26	10.00	20.00	754.10	
MW-05-15	13305509.00	565923.30	10.00	20.00	754.10	754.40
RFI-05-01	13305626.59	566149.89	7.00	17.00	750.38	750.67
RFI-05-02	13305499.50	566274.16	12.00	17.00	754.10	754.10
RFI-05-11	13305496.80	566348.39	12.50	17.50	754.42	754.42
RFI-05-14	13305445.39	565710.21	12.00	17.00	754.12	754.12
RFI-05-19DR	13305450.80	565330.81			749.48	749.48
RFI-05-21	13305577.26	565554.79	8.00	18.00	748.73	749.06
RFI-65-01	13305423.84	564791.64	5.00	15.00	742.82	743.32
RFI-SS-08	13305596.05	566221.43	8.00	18.00	750.98	751.41
RFI-SS-09	13305607.41	566221.59	8.00	18.00		
RW-05-EAST	13305506.43	566353.39				
RW-05-SOUTH	13305506.78	566329.16				
TW-05-05-06	13305506.15	566405.74	8.00	18.00	756.12	754.46
TW-05-05-07	13305538.53	566381.65	8.00	18.00	756.02	754.20
TW-05-05-08	13305557.67	566361.00	8.00	18.00	756.35	754.40
TW-05-05-09	13305539.52	566341.01	8.00	18.00	756.71	754.50
TW-05-05-1	13305506.45	566360.29	8.00	18.00	756.19	754.46
TW-05-05-10	13305499.81	566301.73	8.00	18.00	756.24	754.58
TW-05-05-11	13305472.99	566316.55	8.00	18.00	756.36	754.69
TW-05-05-12	13305442.42	566323.50	8.00	18.00	756.14	754.41
TW-05-05-13	13305442.55	566347.74	8.00	18.00	756.28	754.49
TW-05-05-14	13305471.43	566406.18	8.00	18.00	756.62	754.46
TW-05-05-16	13305603.81	566343.77	10.00	15.00	754.16	752.56
TW-05-05-17	13305602.32	566377.69	10.00	15.00	755.47	752.51
TW-05-05-2	13305490.71	566340.88	8.00	18.00	756.38	754.63
TW-05-05-3	13305536.83	566361.02	8.00	18.00	756.76	754.35
TW-05-05-5	13305472.24	566361.69	8.00	18.00	757.11	754.36

TW-43-165-1	13305563.26	565633.71	5.00	15.00	752.20	750.43
TW-43-165-10	13305607.21	565618.37	5.00	15.00	750.63	748.31
TW-43-165-11	13305570.56	565599.17	5.00	15.00	752.00	749.61
TW-43-165-12	13305545.57	565628.81	5.00	15.00	753.63	750.51
TW-43-165-13	13305556.77	565650.35	5.00	15.00	752.97	750.34
TW-43-165-2	13305555.82	565633.43	5.00	15.00	752.71	750.81
TW-43-165-3	13305571.75	565647.10	5.00	15.00	751.78	749.79
TW-43-165-4	13305570.10	565624.34	5.00	15.00	751.73	749.73
TW-43-165-5	13305569.42	565639.36	4.00	14.00	751.55	749.93
TW-43-165-6	13305583.95	565641.67	4.00	14.00	750.87	749.02
TW-43-165-7	13305584.26	565627.14	4.00	14.00	750.71	749.15
TW-43-165-8	13305552.09	565602.21	4.00	14.00	751.76	750.27
TW-43-165-9	13305521.64	565639.23	8.00	18.00	756.51	754.42
TW-DH-RW-1-1	13305591.53	565983.12	5.00	15.00	752.61	750.3
TW-DH-RW-1-10	13305577.75	565982.92	10.00	20.00	756.49	754.39
TW-DH-RW-1-11	13305629.46	565934.42	10.00	15.00	752.21	749.77
TW-DH-RW-1-12	13305639.74	565920.43	10.00	15.00	752.97	749.48
TW-DH-RW-1-13	13305612.82	565948.73	8.00	13.00	752.59	750.35
TW-DH-RW-1-14	13305611.16	565964.24	8.00	13.00	752.84	750.39
TW-DH-RW-1-15	13305604.30	565914.21	10.00	15.00	753.5	750.74
TW-DH-RW-1-16	13305579.68	565956.95	15.00	20.00	756.56	754.33
TW-DH-RW-1-17	13305594.18	565947.68	10.00	15.00	753.26	750.48
TW-DH-RW-1-18	13305595.11	565933.41	10.00	15.00	753.06	750.65
TW-DH-RW-1-2	13305592.70	565991.68	5.00	15.00	752.51	750.65
TW-DH-RW-1-3	13305604.77	565992.85	5.00	15.00	752.92	750.92
TW-DH-RW-1-4	13305605.08	565982.44	5.00	15.00	752.48	750.72
TW-DH-RW-1-5	13305592.33	565965.55	5.00	15.00	752.52	750.83
TW-DH-RW-1-6	13305597.45	565969.91	5.00	15.00	752.66	750.58
TW-DH-RW-1-7	13305606.66	565966.14	5.00	15.00	752.52	750.63
TW-DH-RW-1-8	13305648.30	565957.64	5.00	15.00	752.53	749.7
TW-DH-RW-1-9	13305604.49	565932.87	5.00	15.00	753.28	750.59
TW-DH-RW-2-1	13305595.52	565875.95	5.00	15.00	753.34	750.78
TW-DH-RW-2-2	13305594.38	565883.76	5.00	15.00	753.01	750.57
TW-DH-RW-2-3	13305608.69	565883.96	5.00	15.00	753.36	750.46
TW-DH-RW-2-4	13305603.67	565861.65	5.00	15.00	752.48	750.29
TW-DH-RW-2-5	13305604.62	565853.27	5.00	15.00	752.68	750.23
TW-DH-RW-2-6	13305609.82	565857.74	5.00	15.00	753.48	750.41
TW-DH-RW-2-7	13305608.56	565874.66	5.00	15.00	752.86	750.52
TW-DH-RW-3-2	13305575.32	565762.27	5.00	15.00	751.80	750.49
TW-DH-RW-3-20	13305588.91	565732.16	5.00	15.00	751.87	749.6
TW-DH-RW-3-24	13305567.33	565791.15	5.00	15.00	752.35	750.22
TW-DH-RW-3-25	13305663.84	565790.36	10.00	15.00	751.58	748.72
TW-DH-RW-3-26	13305637.22	565817.59	10.00	15.00	751.38	748.51
TW-DH-RW-3-27	13305611.68	565827.70	10.00	15.00	752.09	749.52
TW-DH-RW-3-28	13305552.87	565793.56	10.00	15.00	753.12	750.55
TW-DH-RW-3-29	13305637.06	565789.01	10.00	15.00	750.39	748.33
TW-DH-RW-3-30	13305632.80	565711.21	10.00	15.00	751.4	748.65

TW-DH-RW-3-31	13305612.11	565692.94	10.00	15.00	750.89	748.31
TW-DH-RW-3-32	13305577.91	565696.50	10.00	15.00	751.43	749.64
TW-DH-RW-3-33	13305548.30	565698.88	10.00	15.00	752.93	750.41
TW-DH-RW-3-34	13305514.49	565737.81	15.00	20.00	756.54	754.41
TW-DH-RW-3-35	13305571.94	565831.84	15.00	20.00	756.46	754.28
TW-DH-RW-3-36	13305514.96	565795.59	14.00	19.00	755.34	754.45
TW-DH-RW-3-38	13305578.92	565793.40				
TW-DH-RW-3-4	13305576.29	565738.53	4.00	14.00	751.29	749.84
TW-DH-RW-3-44	13305549.67	565783.85				750.41
TW-DH-RW-3-45	13305515.20	565785.23				754.37
TW-DH-RW-3-6	13305583.08	565747.53	5.00	15.00	751.741	749.88
20-141	13305696.34	565978.63	9.40	14.40	749.78	750.20
88-7	13305549.83	564762.06	8.00	18.00	742.20	742.83
OFFSITE						
RFI-10-31	13306875.13	566451.74	4.0000	14.0000	746.66	746.85

Block 2/3 - Short-Term PFAS Investigation Monitoring Wells (Yellow)						
Location ID	X-Eastng	Y-Northing	Elevations		Depth (ft bgs)	
			Top of PVC Elevation	Ground Elevation	Top of Screen	Bottom of Screen
20-502	13306720.36	566934.21	9.50	14.50	751.8	752.3
20-503	13306692.79	566887.05	10.90	15.90	752.22	752.6
37-RW-NORTH	13306779.78	566921.83				752.09
WMU2-SB4	13306772.26	566692.05	7.00	12.00	754.64	752.01
WMU2-SB6	13306781.39	566670.30	8.00	13.00	754.57	751.42
SB-20-01	13306734.51	566788.03	7.00	12.00	755.08	752.38
SB-20-02(7-12)	13306716.96	566772.84	7.00	12.00	754.62	752.26
SB-20-03(7-12)	13306698.04	566788.97	7.00	12.00	754.74	752.19
SB-20-04	13306705.78	566821.09	5.00	10.00	752.46	752.23
SB-20-05(7-12)	13306727.54	566809.00	7.00	12.00	754.57	752.32
SB-20-06(10-15)	13306699.82	566722.80	10.00	15.00	753.74	751.38
SB-20-06(20-25)	13306700.03	566722.58	20.00	25.00	753.52	751.38
SB-20-07(20-25)	13306628.66	566733.61	20.00	25.00	753.43	750.93
SB-20-07(5-10)	13306628.51	566733.99	5.00	10.00	752.48	750.93
SB-20-08(18-23)	13306642.78	566830.67	18.00	23.00	753.96	751.90
SB-20-08(5-10)	13306642.70	566830.49	5.00	10.00	754.19	751.90
SB-20-09(18-23)	13306692.58	566858.86	18.00	23.00	754.41	752.06
SB-20-09(5-10)	13306692.58	566858.86	5.00	10.00	754.69	752.06
SB-20-10(20-25)	13306740.46	566858.52	20.00	25.00	754.58	751.89
SB-20-10(7-12)	13306740.24	566858.58	7.00	12.00	755.05	751.89
SB-20-11(12-17)	13306770.40	566803.90	12.00	17.00	753.97	751.79
SB-20-11(4-9)	13306772.30	566802.83	4.00	9.00	752.39	751.79
SB-20-12(7-12)	13306752.68	566757.13	7.00	12.00	755.02	751.89
SB-20-13(18-23)	13306635.94	566896.19	18.00	23.00	754.15	752.35
SB-20-13(5-10)	13306637.11	566895.47	5.00	10.00	754.32	752.35
SB-20-14(18-23)	13306708.23	566915.61	18.00	23.00	753.80	751.88
SB-20-14(5-10)	13306709.46	566914.29	5.00	10.00	754.22	751.88
SB-20-15(17-22)	13306805.68	566906.17	17.00	22.00	754.23	751.28
SB-20-15(5-10)	13306807.08	566905.09	5.00	10.00	753.11	751.28
SB-20-16(17-22)	13306806.70	566811.13	17.00	22.00	754.54	751.66
SB-20-16(5-10)	13306808.07	566810.63	5.00	10.00	753.85	751.66
SB-20-17(16-21)	13306795.84	566727.76	16.00	21.00	753.80	751.84
SB-20-17(20-25)	13306752.68	566757.13	20.00	25.00		751.9
SB-20-17(5-10)	13306794.55	566728.83	5.00	10.00	753.70	751.84
SB-20-18(17-22)	13306751.49	566673.28	17.00	22.00	753.68	751.54
SB-20-18(5-10)	13306750.11	566674.26	5.00	10.00	753.68	751.54

Block 2/3 - Short-Term Construction Monitoring Wells (Magenta)						
Location ID	X-Easting	Y-Northing	Elevations		Depth (ft bgs)	
			Top of PVC Elevation	Ground Elevation	Top of Screen	Bottom of Screen
20-142	13305724.44	565891.17	8.50	13.50	749.33	749.6
20-145	13306028.53	565924.39	8.50	13.50	749.97	750.4
20-501	13306751.76	567036.05	13.00	18.00	750.80	751.20
MW-10-12	13306183.82	565858.02	3.50	13.50	750.30	750.00
RFI-81-47	13306410.79	564539.71	3.00	13.00	742.38	
30-120	13305648.46	565634.98	5.00	20.00	747.48	747.821

Block 2/3 - Long Term Monitoring Wells (Green)						
Location ID	X-Easting	Y-Northing	Elevations		Depth (ft bgs)	
			Top of PVC Elevation	Ground Elevation	Top of Screen	Bottom of Screen
ONSITE						
20-100	13306931.48	567048.67	7.70	12.70	750.80	750.50
20-103N	13306866.23	566709.22			751.69	751.85
20-103S	13306866.75	566705.80	14.30	19.30	751.67	752.5
20-FP11R	13306438.45	565481.22	3.00	10.00		
30-100	13306143.98	565563.96	10.00	15.00	747.84	748.3
MW-10-01	13306476.77	565856.59	6.00	16.00	750.33	750.77
RFI-03-02	13306166.78	565083.74	5.00	15.00	742.35	742.62
RFI-03-03	13306022.70	564987.08	2.50	12.50	742.01	742.41
RFI-10-11	13306696.85	565770.49	4.00	14.00	746.14	746.29
RFI-10-12	13306551.84	566365.98	8.00	18.00	750.35	750.74
RFI-10-26	13306725.82	565986.27	5.00	15.00	749.32	
RFI-10-37	13306612.61	565241.56			742.10	742.10
RFI-36-14	13306892.51	566905.12	6.00	16.00	750.00	750.34
RFI-55-09	13305786.95	566762.73	9.00	19.00	753.75	753.75
RFI-81-22	13306473.82	564732.56	3.00	13.00	742.58	742.58
RFI-81-39R	13306055.00	564716.86	7.00	17.00	745.77	746.07
RFI-05-19S	13305443.96	565337.75	7.00	17.00	749.48	749.48
RFI-05-30	13305553.38	565329.79	6.00	16.00	748.55	748.54
OFFSITE						
70-163	13306646.04	564951.22	3.00	10.00	743.17	743.43
70-164R	13306571.25	564840.06				
RFI-10-24	13306721.26	566259.56	6.0000	16.0000	751.53	749.18
RFI-10-25	13307110.86	565872.87	6.00	16.00	753.10	
RFI-10-32	13307084.95	566055.19	9.00	19.00	754.57	751.046
RFI-10-33	13306943.72	566366.46	7.00	17.00	755.30	752.24
RFI-10-34	13307266.59	566181.71	7.00	17.00	755.77	753.37
RFI-10-35	13307256.01	566023.64	7.00	17.00	755.72	753.60
RFI-10-36	13307263.33	565864.26	6.00	16.00	752.82	750.12
RFI-55-11R	13305898.10	567081.80	15.00	20.00	752.15	752.30
RFI-55-12R	13305793.99	567079.57	10.00	20.00	752.47	752.64
RFI-81-21	13306865.57	565334.47	9.00	19.00	753.80	753.8
MW-10-27	13306969.33	565576.39	6.00	16.00	750.51	751.07

Block 5/6 - Abandonment Monitoring Wells (Red)						
Location ID	X-Eastng	Y-Northing	Depth (ft bgs)		Elevations	
			Top of Screen	Bottom of Screen	Top of PVC Elevation	Ground Elevation
40-06R	13305811.61	561665.61	4.50	9.50	735.00	735.33
40-1R	13305940.66	561686.65	6.00	11.00	733.64	733.98
40-2	13305680.00	561729.33	5.50	10.50	736.47	736.89
40-3	13305675.38	561814.78	12.00	17.00	737.01	737.26
40-4R	13305750.80	561783.60	15.00	25.00	737.90	738.44
40-5	13305685.05	561676.44	4.00	14.00	735.84	736.07
40-7R	13305941.08	561635.20	8.00	18.00	733.18	733.89
LIF-02-007	13305962.76	561907.39	8.00	18.00		
LIF-02-018	13306023.54	562216.82	8.00	18.00		
LIF-12-010	13305304.83	562617.35	8.00	18.00		
LIF-12-018	13305182.43	562754.57	8.00	18.00		
LIF-12-024	13305094.68	563042.18	8.00	18.00		
LIF-40-004	13305906.83	561596.21	6.00	16.00		
LIF-40-011	13305726.06	561515.84	7.50	17.50		
LIF-40-022	13305726.06	561570.42	8.00	18.00		
MW-04-04	13305336.21	561545.25	3.00	8.00	736.46	736.85
MW-84-51(23-28)	13305931.74	560654.61	23.00	28.00	729.83	727.57
MW-84-53(17-22)	13305953.86	560409.32	17.00	22.00	730.66	727.62
MW-84-55(17-22)	13306055.79	560600.06	17.00	22.00	730.22	727.61
MW-84-57(12-17)	13306062.51	560340.57	12.00	17.00	724.99	722.41
MW-84-57(5-10)	13306063.63	560342.35	5.00	10.00	724.84	722.41
MW-84-58(12-17)	13306088.79	560451.84	12.00	17.00	729.75	727.48
MW-84-58(4-9)	13306088.52	560450.44	4.00	9.00	729.97	727.48
MW-84-60(20-25)	13306179.00	560485.31	20.00	25.00	726.21	724.49
MW-WMU7-4	13305771.36	561682.32	5.00	15.00	735.14	735.66
MW-WMU7-5	13305756.56	561685.71	5.00	15.00	735.10	735.64
MW-WMU7-6	13305734.91	561688.26	4.00	14.00	735.50	735.97
RFI-02-05R	13305695.23	562372.37			738.65	739.15
RFI-02-14	13305984.84	562006.86	8.00	18.00	738.78	739.06
RFI-02-15	13305980.58	561987.19	8.00	18.00	738.74	739.11
RFI-02-16	13305949.25	562009.16	8.00	18.00	738.66	739.04
RFI-02-17	13305989.60	562027.15	8.00	18.00	738.67	739.08
RFI-02-18	13305976.37	561962.48	5.00	15.00	738.69	739.11
RFI-02-19	13306000.99	562092.14	7.00	17.00	738.54	739.09
RFI-02-20	13305934.52	562179.23	5.00	15.00	738.30	738.77
RFI-02-21	13305951.09	562241.53	5.00	15.00	738.50	738.78
RFI-12-01R	13305135.77	562633.23	5.00	15.00	741.98	741.98
RFI-12-02R	13305467.52	562501.77	10.00	20.00	742.10	742.41
RFI-12-07R2	13305349.66	562416.31	3.00	13.00	741.95	742.44
RFI-12-08R	13305129.84	562526.75	10.00	20.00	742.08	742.47
RFI-12-09R	13305079.59	562971.94	3.00	13.00	742.51	742.48
RFI-12-11D	13305110.91	562942.46	18.00	23.00	742.09	742.57

RFI-12-11S	13305110.88	562945.44	4.50	15.50	742.17	742.61
RFI-12-14R	13305093.89	562853.10	3.00	13.00	742.20	742.46
RFI-12-15	13305499.84	562407.81	7.00	17.00	742.13	742.40
RFI-12-22R	13305307.02	562618.58	3.00	13.00	742.07	742.36
RFI-12-23	13305196.88	562755.84	8.00	18.00	742.21	742.50
RFI-12-24	13305414.38	562760.37	5.50	15.50	742.12	742.41
RFI-12-25	13305468.99	562591.61	7.00	17.00	741.85	742.26
RFI-12-26	13305513.00	562498.08	10.00	20.00	742.04	742.39
RFI-12-27	13305565.41	562465.44	4.00	14.00	737.91	738.18
RFI-12-28	13305097.18	563048.74	11.50	21.50	742.63	742.97
RFI-12-34	13305285.38	562812.14	5.00	15.00	744.02	744.46
RFI-12-35	13305201.46	562980.16	4.50	14.50	744.45	744.45
RFI-12-38	13305116.21	563093.33	3.00	8.00	742.39	742.39
RFI-84-06R	13306155.18	560401.27	3.00	13.00	728.12	728.54
RFI-84-06RD	13306158.44	560405.07	15.00	20.00	720.18	
RFI-84-08D	13306312.19	560845.92	31.00	36.00	727.43	727.67
RFI-84-08S	13306316.33	560846.21	10.00	20.00	727.22	727.61
RFI-84-12	13306431.16	560440.59	10.00	20.00		
RFI-94-02R	13306846.93	561351.09	10.00	15.00	727.35	727.71
RFI-94-05	13306393.62	561723.65	5.00	15.00	727.48	
RFI-94-08	13306736.36	561429.49	20.00	25.00	727.44	727.67
SB-12-13(9.5-14.5)	13305632.78	562528.84	9.50	14.50	739.74	739.23
SB-12-15(20-25)	13305361.80	562869.72	20.00	25.00	745.85	745.57
SB-12-15(8-13)	13305361.80	562869.72	8.00	13.00	747.48	745.57
SB-12-17(6-11)	13305729.60	562604.50	6.00	11.00	739.54	739.40
SB-12-18(6-11)	13305723.60	562481.70	6.00	11.00	739.40	739.30
SB-16-29(8-13)	13305533.45	561516.97	8.00	13.00	738.97	737.39
SB-84-28(10-20)	13306175.08	561048.40	10.00	20.00	727.98	727.71
SB-84-28(20-30)	13306160.01	560942.63	20.00	30.00	728.26	727.71

Block 5/6 - Short-Term PFAS Investigation Monitoring Wells (Yellow)						
Location ID	X-Eastng	Y-Northing	Elevations		Depth (ft bgs)	
			Top of PVC Elevation	Ground Elevation	Top of Screen	Bottom of Screen
40-07R2	13305921.33	561643.26	13.00	23.00	735.37	735.37
84-07	13306252.85	561141.24	10.00	20.00	727.53	
84-6R2	13306145.70	561317.55	15.00	25.00	727.11	727.49
84-6R2D	13306153.37	561315.68	27.00	33.00	726.80	727.29
84-7D	13306253.82	561150.83	27.00	32.00	727.42	727.42
LIF-40-004	13305906.83	561596.21	6.00	16.00		
MW-84-71(25-30)	13305891.30	561665.70	25.00	30.00	735.24	735.54
MW-84-71(34-39)	13305891.30	561665.70	34.00	39.00	735.22	735.54
MW-84-71(6-16)	13305891.30	561665.70	6.00	16.00	735.22	735.50
MW-84-72(14-19)	13305865.20	561622.70	14.00	19.00	735.58	736.00
MW-84-72(4-9)	13305865.20	561622.70	4.00	9.00	735.52	736.00
MW-84-72(36-46)	13305865.17	561622.89	36.00	46.00	735.51	735.98
MW-84-73(28-33)	13306041.30	561506.30	28.00	33.00	733.02	733.20
MW-84-73(7-12)	13306041.30	561506.30	7.00	12.00	733.00	733.20
MW-84-74(3-6)	13306209.99	561500.34	3.00	6.00	728.76	729.05
MW-84-75(13-18)	13306209.90	561411.30	13.00	18.00	728.27	728.40
MW-84-75(23-28)	13306208.36	561405.85	23.00	28.00	728.56	728.40
MW-84-75(2-7)	13306208.21	561405.76	2.00	7.00	728.56	728.40
MW-84-76(10-15)	13306082.10	561342.00	10.00	15.00	727.77	728.10
MW-84-76(22-32)	13306082.10	561342.00	22.00	32.00	727.72	728.10
MW-84-77(6-16)	13306028.80	561315.50	6.00	16.00	727.91	728.30
MW-84-79(14-19)	13306306.40	561066.90	14.00	19.00	727.53	727.80
MW-84-80(13-23)	13306284.40	560932.20	13.00	23.00	727.27	727.70
MW-84-81(15-20)	13306621.20	560810.50	15.00	20.00	727.39	727.70
MW-84-81(30-40)	13306621.20	560810.50	30.00	40.00	727.41	727.70
MW-84-82(12-17)	13306125.60	561063.80	12.00	17.00	727.38	727.70
MW-84-83(17-22)	13306064.48	560836.06	17.00	22.00	727.54	727.90
MW-84-83(24-29)	13306067.98	560836.10	24.00	29.00	727.83	727.83
MW-84-85(21-26)	13306019.36	561195.53	21.00	26.00	729.21	729.47
MW-84-85(6-16)	13306019.17	561195.64	6.00	16.00	729.25	729.47
MW-84-86(23-28)	13306143.56	561222.44	23.00	28.00	727.41	727.78
MW-84-86(5-15)	13306143.78	561222.49	5.00	15.00	727.43	727.78
MW-84-87(18-21)	13306168.84	561305.51	18.00	21.00	727.53	727.92
MW-84-87(25-30)	13306172.20	561305.11	25.00	30.00	727.65	727.92
MW-84-87(7-12)	13306172.32	561305.20	7.00	12.00	727.59	727.92
MW-84-88(20-30)	13306246.11	561175.85	20.00	30.00	727.64	728.03
MW-84-88(7-12)	13306246.11	561175.85	7.00	12.00	727.70	728.03
MW-84-89(5-10)	13306347.92	560939.96	5.00	10.00	727.11	727.47
RFI-40-07	13306168.50	561505.40	9.00	19.00	729.35	729.35
RFI-40-12R	13305942.13	561602.43	10.80	20.80		732.96
RFI-40-14R	13305922.18	561529.16			731.93	732.33
RFI-84-03D	13306218.90	560822.40	38.00	43.00	727.30	727.68

RFI-84-03I	13306219.64	560827.64	28.00	33.00	727.13	727.68
RFI-84-03S	13306222.82	560823.79	12.00	22.00	727.23	727.68
RFI-84-04D	13306082.63	560971.13	42.50	47.50	727.08	727.69
RFI-84-04I	13306087.83	560971.64	29.00	34.00	727.23	727.69
RFI-84-05	13306273.39	561223.46	8.00	18.00	726.63	
RFI-84-07D	13306251.60	560988.38	24.00	29.00	727.52	727.75
RFI-84-07S	13306252.29	560993.31	11.00	21.00	727.12	
SB-40-23(14-19)	13305914.69	561623.24	14.00	19.00	735.76	735.91
SB-40-23(2-7)	13305914.65	561622.95	2.00	7.00	735.74	735.91
SB-40-23(28-33)	13305914.35	561622.98	28.00	33.00	735.76	735.91
SB-40-24(18-23)	13305889.79	561552.62	18.00	23.00	735.69	735.91
SB-40-24(2-7)	13305889.79	561552.76	2.00	7.00	735.74	735.91
SB-40-24(30-35)	13305889.79	561552.76	30.00	35.00	735.67	735.91
SB-40-24(8-13)	13305889.79	561552.76	8.00	13.00	735.65	735.91
SB-84-24(11-16)	13306266.25	560729.79	11.00	16.00	728.57	727.49
SB-84-24(5-10)	13306266.60	560730.90	5.00	10.00	728.57	727.49
SB-84-26(18-23)	13306138.18	560830.31	18.00	23.00	729.51	727.39
SB-84-26(8-13)	13306137.24	560832.56	8.00	13.00	727.53	727.27
SB-84-27(20-25)	13306158.38	560944.16	20.00	25.00	727.73	727.73
SB-84-27(3-8)	13306160.01	560942.63	3.00	8.00	729.01	727.67
SB-84-30(25-30)	13306086.24	561493.08	25.00	30.00	733.33	732.85
SB-84-30(5-15)	13306090.41	561495.53	5.00	15.00	735.41	732.99
SB-84-41(6-11)	13306090.59	561585.57	6.00	11.00	734.90	733.09
SB-84-42(11-16)	13306149.02	561503.30	11.00	16.00	731.87	730.18
SB-84-42(3-8)	13306149.02	561503.30	3.00	8.00	732.02	730.18
SB-84-43(18-23)	13306146.78	561421.67	18.00	23.00	730.09	729.56
SB-84-43(27-32)	13306146.81	561421.94	27.00	32.00	730.24	729.56
SB-84-43(3-8)	13306148.23	561418.22	3.00	8.00	731.43	729.56
SB-84-44(27-32)	13306041.23	561421.81	27.00	32.00	735.08	732.76

Block 5/6 - Short-Term Construction Monitoring Wells (Magenta)						
Location ID	X-Easting	Y-Northing	Elevations		Depth (ft bgs)	
			Top of PVC Elevation	Ground Elevation	Top of Screen	Bottom of Screen
RFI-23-01R	13305487.16	563019.15	4.00	14.00	741.73	742.05
RFI-23-02R	13305606.43	562874.47	4.00	14.00	740.08	740.38
RFI-94-07	13306774.72	561082.04	5.00	15.00	720.32	720.81
RFI-84-11S	13306549.04	560946.93	3.00	13.00	721.97	722.52
MW-84-01D	13306738.05	560523.12	10.00	20.00	718.00	715.17
RFI-02-22	13306184.46	561930.36	5.00	15.00	729.77	730.27
SB-12-14(27-32)	13305580.02	562371.93	27.00	32.00	740.24	738.19
SB-12-16(4-9)	13305593.80	562647.80	4.00	9.00	740.77	740.00
RFI-40-04	13305890.12	560909.84	23.00	33.00	738.17	738.44
RFI-12-33	13305203.78	562850.53	4.00	14.00	743.66	744.24

Block 5/6 - Long-Term Monitoring Wells (Green)						
Location ID	X-Eastng	Y-Northing	Depth (ft bgs)		Elevations	
			Top of Screen	Bottom of Screen	Top of PVC Elevation	Ground Elevation
On-Site						
94-100	13306951.14	561562.64	12.00	19.00	720.36	720.67
MW-84-01D	13306738.05	560523.12	10.00	20.00	718.00	715.17
MW-84-02D	13306621.08	560390.98	16.00	26.00	719.91	716.97
MW-84-03D	13306457.41	560299.42	17.00	22.00	719.62	716.75
MW-84-04D	13306297.46	560247.80	12.00	22.00	718.54	718.92
MW-84-48(7-12)	13305847.43	560325.66	7.00	12.00	728.08	725.36
MW-84-49(14-19)	13305849.27	560389.11	14.00	19.00	729.23	726.96
MW-84-50(10-15)	13305862.26	560461.62	10.00	15.00	730.00	727.66
MW-84-52(10-15)	13305991.65	560279.44	10.00	15.00	726.07	723.49
MW-84-54(20-25)	13306006.43	560496.10	20.00	25.00	729.75	727.55
MW-84-54(5-10)	13306004.11	560496.35	5.00	10.00	729.75	727.55
MW-84-56(10-15)	13306078.08	560231.37	10.00	15.00	725.91	721.53
MW-84-59(11-16)	13306128.66	560275.05	11.00	16.00	723.14	721.25
MW-84-59(17-27)	13306127.79	560272.80	17.00	27.00	722.88	721.25
MW-84-60(5-10)	13306180.50	560486.02	5.00	10.00	726.77	724.49
MW-84-61(12-17)	13306208.32	560343.92	12.00	17.00	723.00	720.08
MW-84-62(10-15)	13306309.31	560385.52	10.00	15.00	721.86	720.75
MW-84-63(10-15)	13306041.69	560252.48	10.00	15.00	722.83	722.64
MW-84-63(3-8)	13306041.69	560252.48	3.00	8.00	724.90	722.64
MW-84-64(12-17)	13305936.22	560303.89	12.00	17.00	725.93	724.72
MW-84-64(5-10)	13305938.63	560302.50	5.00	10.00	725.97	724.72
MW-84-65(5-15)	13305879.74	560308.32	5.00	15.00	725.92	724.84
RFI-02-08R	13306144.21	562953.96			736.07	
RFI-02-12	13306012.64	562165.10	4.00	14.00	738.51	739.05
RFI-02-22	13306184.46	561930.36	5.00	15.00	729.77	730.27
RFI-02-23	13305972.67	561943.41	5.00	15.00	738.57	739.04
RFI-12-40	13305039.80	563082.94	3.00	8.00	741.47	741.47
RFI-12-42	13305018.17	562210.41			741.66	742.24
RFI-17-02	13306346.96	560485.56	4.00	14.00	720.27	720.66
RFI-17-02D	13306350.94	560488.61	14.00	24.00	720.36	720.66
RFI-40-01R2	13305938.96	561685.96			734.05	731.98
RFI-84-09D	13306505.69	560507.35	17.50	27.50	719.27	719.71
RFI-84-09S	13306498.58	560512.49	5.00	15.00	719.43	719.71
RFI-84-10D	13306429.97	560663.21	16.00	26.00	718.64	719.14
RFI-84-10S	13306426.25	560667.93	3.00	13.00	718.70	719.04
RFI-86-01R	13306187.56	563015.27	21.00	26.00	735.51	735.50
RFI-SS-01	13306160.83	563066.33	2.50	12.50	716.07	716.49
RFI-SS-02	13306165.73	563083.83	2.50	12.50	716.18	716.63
SB-12-14(27-32)	13305580.02	562371.93	27.00	32.00	740.24	738.19
SB-12-14(5-10)	13305580.02	562371.93	5.00	10.00	738.13	738.19
SB-12-16(4-9)	13305593.80	562647.80	4.00	9.00	740.77	740.00

SB-12-16(4-9)	13305593.80	562647.80	4.00	9.00	740.77	740.00
SB-84-23(11-16)	13305871.46	560547.99	11.00	16.00	729.91	727.59
SB-84-23(16.5-21.5)	13305871.51	560546.05	16.50	21.50	729.91	727.51
OFFSITE						
MW-84-78	13305962.40	561297.60	4.00	9.00	730.14	730.40
RFI-02-13	13306291.70	562647.31	2.50	12.50	731.00	731.44
RFI-02-24	13306203.88	562107.08	3.00	13.00	729.88	730.02
RFI-09-48	13306188.80	560162.70	8.00	18.00	719.69	719.88
RFI-40-09	13306020.21	561512.80	9.00	19.00	731.85	732.34
RFI-40-27	13305987.50	561558.29	12.00	22.00	731.71	732.05
RFI-94-09	13306940.18	561289.14	7.00	17.00	719.28	719.70
RFI-94-10	13306921.68	561235.34	7.00	17.00	719.00	719.56
RFI-94-11	13306955.55	561342.26	8.00	18.00	719.54	
SB-84-29(18-23)	13305988.55	561425.15	18.00	23.00	733.97	731.90
SB-84-31(10-15)	13306012.84	561598.26	10.00	15.00	732.18	732.12
SB-84-31(18-23)	13306009.94	561599.36	18.00	23.00	732.14	732.38
SB-84-37(20-25)	13305974.44	561361.10	20.00	25.00	733.06	730.51
SB-84-37(8-13)	13305974.46	561360.88	8.00	13.00	732.13	730.51
SB-84-38(12-17)	13305967.57	561427.22	12.00	17.00	734.35	731.80
SB-84-38(25-30)	13305967.85	561426.97	25.00	30.00	733.75	731.80
SB-84-39(18-23)	13305981.94	561525.61	18.00	23.00	733.49	731.96
SB-84-39(28-33)	13305982.34	561530.56	28.00	33.00	733.66	731.96
SB-84-39(8-13)	13305982.31	561530.43	8.00	13.00	733.74	731.96