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SUBJECT

RACER Buick City Building 44 Area
Monitoring Well Abandonment Work Plan

TO

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DATE

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On behalf of Revitalizing Auto Communities Environmental Response (RACER) Trust, Arcadis of Michigan, LLC (Arcadis) has prepared this work plan for abandoning temporary monitoring wells located in the Building 44 area at the south end of the Buick City Site located in Flint, Michigan. Temporary monitoring wells installed as part of the PFAS investigation in this portion of the Site are being abandoned to clean up the Building 44 area and reduce the number of redundant 1-inch wells, both shallow and deep, and remove 1-inch nested wells installed within the same borehole. A representative selection of non-nested, shallow and deep 1-inch monitoring wells will be retained and converted into permanent wells. Please note this work plan has been revised to include EGLE comments provided in the December 4, 2025 *Conditional Approval: Building 44 Area Monitoring Well Abandonment Plan* letter included as **Attachment 1** to this document. This work plan was revised to incorporate the changes requested by EGLE, all of which were carried out during the field activities.

Scope of Work

RACER proposes to abandon 146 of the 193 temporary wells currently installed in the Building 44 area. The monitoring wells proposed for abandonment and retention are summarized on **Table 1** and shown on **Figure 1**. Wells with screen depths above or majority of the screen above 720 ft AMSL (above mean sea level) are considered shallow, and wells with screen depths below or majority of the screen below 720 ft AMSL are considered deep. The temporary wells were installed as 1-inch wells with a sand filter pack and an overlying bentonite seal as part of PFAS site characterization activities. The wells selected for abandonment are wells that are redundant or are nested pairs installed within the same borehole. The nested wells were selected for abandonment due to the potential for cross-contamination between the shallow and deep well screens. Temporary monitoring wells will be abandoned using the modified plug-in-place (PIP) method consistent with the February 2024 *Revised Monitoring Well Abandonment Procedure* as modified to incorporate EGLE's requests and described below.

The wells selected to remain as part of the monitoring network will be finished with protective covers. Wells installed in areas of concrete will be cut below grade and completed with permanent flush mount covers. Wells currently located in grassy areas will be completed with permanent stick-up well covers. Existing 2-inch monitoring wells and 4-inch injection testing wells in the area will also be retained, with protective covers installed where needed.

The well abandonment process will generally consist of the following steps:

1. If feasible, an attempt will be made to extract the well without hole collapse.
2. If well extraction is not feasible, prepare a cement grout with at least 5 percent bentonite.
3. Cut off the well casing to a depth of approximately two feet below ground surface.
4. Place the grout in the well casing via the tremie method (i.e., the grout will be pumped from the bottom of the well upward). The grout will be added until the well is filled to above the top of the well casing at grade.
5. Verify that the amount of grout added equals or exceeds the calculated volume of the void to be filled.
6. Check for settlement of the grout after 24 hours and top off the grout, as necessary.

The 47 temporary wells to be kept will provide more than adequate coverage over the Building 44 area for monitoring in the near future. A summary of the proposed shallow and deep monitoring networks is provided as **Table 2** and shown on **Figure 2**. Note that the 47 wells to be retained at this time may not be needed in the future. Also, additional monitoring wells may be installed in the future to more adequately monitor performance of the groundwater extraction option currently being developed for this area. Furthermore, the following monitoring wells were retained as requested by EGLE: SB-04-34 (4-9); SB-04-69 (14-19); SB-04-56 (14-19); and SB-04-57 (14-19).

Enclosures:

Table 1 – Monitoring Wells to Abandon

Table 2 – Monitoring Wells to Keep

Figure 1 – Building 44/04 Monitoring Wells to Keep vs Abandon

Figure 2 – Building 44/04 Monitoring Wells to Keep

Attachment 1 – EGLE December 4, 2025 *Conditional Approval: Building 44 Area Monitoring Well Abandonment Plan*

Tables

Table 1
Monitoring Wells to Abandon
RACER Buick City
Flint, Michigan



1" Wells to Abandon	Top of Screen (ft BGS)	Bottom of Screen (ft BGS)	Ground Elevation (ft AMSL)	Top of Screen (ft AMSL)	Bottom of Screen (ft AMSL)	Well Type
SB-04-09(20-25)	20.00	25.00	735.12	715.12	710.12	Stick Up
SB-04-09(7-12)	7.00	12.00	735.12	728.12	723.12	Stick Up
SB-04-100(19-24)	19.00	24.00	734.11	715.11	710.11	Stick Up
SB-04-100(9-14)	9.00	14.00	734.11	725.11	720.11	Stick Up
SB-04-101(27-32)	27.00	32.00	734.15	707.15	702.15	Stick Up
SB-04-101(4-9)	4.00	9.00	734.15	730.15	725.15	Stick Up
SB-04-102(20-25)	20.00	25.00	734.34	714.34	709.34	Stick Up
SB-04-102(6-11)	6.00	11.00	734.34	728.34	723.34	Stick Up
SB-04-103(17-22)	17.00	22.00	733.34	716.34	711.34	Stick Up
SB-04-103(5-10)	5.00	10.00	733.34	728.34	723.34	Stick Up
SB-04-104(20-25)	20.00	25.00	735.92	715.92	710.92	Stick Up
SB-04-104(7-12)	7.00	12.00	735.92	728.92	723.92	Stick Up
SB-04-105(10-15)	10.00	15.00	736.29	726.29	721.29	Stick Up
SB-04-105(20-25)	20.00	25.00	736.29	716.29	711.29	Stick Up
SB-04-106(10-15)	10.00	15.00	738.07	728.07	723.07	Stick Up
SB-04-106(20-25)	20.00	25.00	738.07	718.07	713.07	Stick Up
SB-04-11(10-15)	10.00	15.00	731.04	721.04	716.04	Stick Up
SB-04-11(19-24)	19.00	24.00	732.52	713.52	708.52	Stick Up
SB-04-111(20-25)	20.00	25.00	731.504	711.50	706.50	Stick Up
SB-04-111(4-9)	4.00	9.00	731.504	727.50	722.50	Stick Up
SB-04-112(20-25)	15	20	736.33	721.33	716.33	Stick Up
SB-04-112(5-10)	5	10	736.33	731.33	726.33	Stick Up
SB-04-114(10-15)	10	15	737.97	727.97	722.97	Stick Up
SB-04-114(20-25)	20	25	737.97	717.97	712.97	Stick Up
SB-04-115(10-15)	10	15	738.69	728.69	723.69	Stick Up
SB-04-115(20-25)	20	25	738.69	718.69	713.69	Stick Up
SB-04-116(11-16)	11	16	738.43	727.43	722.43	Stick Up
SB-04-116(20-25)	20	25	738.43	718.43	713.43	Stick Up
SB-04-118(18-23)	18	23	737.91	719.91	714.91	Stick Up
SB-04-118(6-11)	6	11	737.91	731.91	726.91	Stick Up
SB-04-122R(23-28)	23.00	28.00	736.15	713.15	708.15	Stick Up
SB-04-122R(7-12)	7.00	12.00	736.15	729.15	724.15	Stick Up
SB-04-129(18-23)	18.00	23.00	731.45	713.45	708.45	Stick Up
SB-04-129(3-8)	3.00	8.00	731.45	728.45	723.45	Stick Up
SB-04-135(18-23)	18.00	23.00	730.78	712.78	707.78	Flush Mount
SB-04-135(9-14)	9.00	14.00	730.78	721.78	716.78	Stick Up
SB-04-136(18-23)	18.00	23.00	731.11	713.11	708.11	Stick Up
SB-04-136(5-10)	5.00	10.00	731.11	726.11	721.11	Stick Up
SB-04-137(18-28)	8.00	28.00	735.10	727.10	707.10	Stick Up
SB-04-137(7-12)	7.00	12.00	735.10	728.10	723.10	Stick Up
SB-04-138(20-25)	20.00	25.00	739.24	719.24	714.24	Stick Up

Table 1
Monitoring Wells to Abandon
RACER Buick City
Flint, Michigan



1" Wells to Abandon	Top of Screen (ft BGS)	Bottom of Screen (ft BGS)	Ground Elevation (ft AMSL)	Top of Screen (ft AMSL)	Bottom of Screen (ft AMSL)	Well Type
SB-04-138(8-13)	8.00	13.00	739.24	731.24	726.24	Stick Up
SB-04-139(15-20)	15.00	20.00	739.16	724.16	719.16	Stick Up
SB-04-139(5-10)	5.00	10.00	739.16	734.16	729.16	Stick Up
SB-04-15(19-24)	19.00	24.00	735.49	716.49	711.49	Stick Up
SB-04-15(5-10)	5.00	10.00	735.49	730.49	725.49	Stick Up
SB-04-16(19-24)	19.00	24.00	734.95	715.95	710.95	Stick Up
SB-04-16(4-9)	4.00	9.00	734.95	730.95	725.95	Stick Up
SB-04-17(19-24)	19.00	24.00	734.26	715.26	710.26	Stick Up
SB-04-17(5-10)	5.00	10.00	734.26	729.26	724.26	Stick Up
SB-04-18(16-21)	16.00	21.00	730.23	714.23	709.23	Stick Up
SB-04-18(5-10)	5.00	10.00	730.23	725.23	720.23	Stick Up
SB-04-25(12-17)	12.00	17.00	729.83	717.83	712.83	Flush Mount
SB-04-25(4-9)	4.00	9.00	729.83	725.83	720.83	Flush Mount
SB-04-28(15-20)	15.00	20.00	728.98	713.98	708.98	Flush Mount
SB-04-28(5-10)	5.00	10.00	728.98	723.98	718.98	Flush Mount
SB-04-34(18-23)	18.00	23.00	734.04	716.04	711.04	Stick Up
SB-04-35(17.5-22.5)	17.50	22.50	732.54	715.04	710.04	Stick Up
SB-04-35(9-14)	9.00	14.00	732.54	723.54	718.54	Stick Up
SB-04-36(17-22)	17.00	22.00	732.61	715.61	710.61	Flush Mount
SB-04-36(4-9)	4.00	9.00	732.61	728.61	723.61	Flush Mount
SB-04-38(12-17)	12.00	17.00	732.01	720.01	715.01	Stick Up
SB-04-38(3-8)	3.00	8.00	732.01	729.01	724.01	Stick Up
SB-04-39(20-25)	20.00	25.00	730.83	710.83	705.83	Stick Up
SB-04-39(8.5-13.5)	8.50	13.50	730.83	722.33	717.33	Stick Up
SB-04-40(16-21)	16.00	21.00	730.69	714.69	709.69	Stick Up
SB-04-40(21-25)	21.00	25.00	730.69	709.69	705.69	Stick Up
SB-04-40(5-10)	5.00	10.00	730.69	725.69	720.69	Stick Up
SB-04-47(14-19)	14.00	19.00	731.36	717.36	712.36	Flush Mount
SB-04-47(4-9)	4.00	9.00	731.36	727.36	722.36	Flush Mount
SB-04-48(20-25)	20.00	25.00	734.10	714.10	709.10	Stick Up
SB-04-48(7-12)	7.00	12.00	734.10	727.10	722.10	Stick Up
SB-04-49(20-25)	20.00	25.00	731.19	711.19	706.19	Flush Mount
SB-04-49(6.5-11.5)	6.50	11.50	731.25	724.75	719.75	Flush Mount
SB-04-50(15-20)	15.00	20.00	730.97	715.97	710.97	Stick Up
SB-04-50(4-9)	4.00	9.00	730.97	726.97	721.97	Stick Up
SB-04-51(17-22)	17.00	22.00	735.06	718.06	713.06	Stick Up
SB-04-51(8-13)	8.00	13.00	735.06	727.06	722.06	Stick Up
SB-04-52(15-20)	15.00	20.00	734.89	719.89	714.89	Stick Up
SB-04-52(5-10)	5.00	10.00	734.89	729.89	724.89	Stick Up
SB-04-54(20-25)	20.00	25.00	736.51	716.51	711.51	Stick Up
SB-04-54(4.5-9.5)	4.50	9.50	736.51	732.01	727.01	Stick Up

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RACER Buick City
Flint, Michigan



1" Wells to Abandon	Top of Screen (ft BGS)	Bottom of Screen (ft BGS)	Ground Elevation (ft AMSL)	Top of Screen (ft AMSL)	Bottom of Screen (ft AMSL)	Well Type
SB-04-56(5-10)	5.00	10.00	728.48	723.48	718.48	Flush Mount
SB-04-58R(11-16)	11.00	16.00	729.85	718.85	713.85	Flush Mount
SB-04-58R(2-4)	2.00	4.00	730.05	728.05	726.05	Flush Mount
SB-04-59(12-17)	12.00	17.00	730.17	718.17	713.17	Stick Up
SB-04-59(4-9)	4.00	9.00	730.17	726.17	721.17	Stick Up
SB-04-60(15-20)	15.00	20.00	730.34	715.34	710.34	Stick Up
SB-04-60(4-9)	4.00	9.00	730.34	726.34	721.34	Stick Up
SB-04-62(19-24)	19.00	24.00	733.86	714.86	709.86	Stick Up
SB-04-62(8-13)	8.00	13.00	733.86	725.86	720.86	Stick Up
SB-04-63(20-25)	20.00	25.00	733.71	713.71	708.71	Stick Up
SB-04-63(9-14)	9.00	14.00	733.69	724.69	719.69	Stick Up
SB-04-65(25-30)	25.00	30.00	738.29	713.29	708.29	Stick Up
SB-04-65(3-8)	3.00	8.00	738.29	735.29	730.29	Stick Up
SB-04-66(21-26)	21.00	26.00	738.17	717.17	712.17	Stick Up
SB-04-66(5-10)	5.00	10.00	738.15	733.15	728.15	Stick Up
SB-04-66R(21-26)	NR	NR	738.15	NA	NA	Stick Up
SB-04-68(19-24)	19.00	24.00	737.76	718.76	713.76	Stick Up
SB-04-68(6-11)	6.00	11.00	737.76	731.76	726.76	Stick Up
SB-04-69(5-10)	5.00	10.00	731.44	726.44	721.44	Flush Mount
SB-04-70(16-21)	16.00	21.00	730.64	714.64	709.64	Flush Mount
SB-04-70(8-13)	8.00	13.00	730.64	722.64	717.64	Flush Mount
SB-04-71(15-20)	15.00	20.00	729.55	714.55	709.55	Flush Mount
SB-04-71(7-12)	7.00	12.00	729.55	722.55	717.55	Flush Mount
SB-04-72(15-20)	15.00	20.00	729.65	714.65	709.65	Flush Mount
SB-04-72(5-10)	5.00	10.00	729.65	724.65	719.65	Flush Mount
SB-04-73(15-20)	15.00	20.00	731.27	716.27	711.27	Flush Mount
SB-04-73(6-11)	6.00	11.00	731.27	725.27	720.27	Flush Mount
SB-04-74(15-20)	15.00	20.00	731.39	716.39	711.39	Stick Up
SB-04-74(7-12)	7.00	12.00	731.36	724.36	719.36	Stick Up
SB-04-75(12-17)	12.00	17.00	731.53	719.53	714.53	Stick Up
SB-04-75(20-25)	20.00	25.00	731.53	711.53	706.53	Stick Up
SB-04-79(11-16)	11.00	16.00	725.20	714.20	709.20	Stick Up
SB-04-79(18-23)	18.00	23.00	725.20	707.20	702.20	Stick Up
SB-04-81(19-24)	19.00	24.00	730.37	711.37	706.37	Flush Mount
SB-04-81(5-10)	5.00	10.00	730.67	725.67	720.67	Flush Mount
SB-04-82(18-23)	18.00	23.00	730.66	712.66	707.66	Stick Up
SB-04-82(4-9)	4.00	9.00	730.66	726.66	721.66	Stick Up
SB-04-83(21-26)	21.00	26.00	731.39	710.39	705.39	Stick Up
SB-04-83(6-11)	6.00	11.00	731.39	725.39	720.39	Stick Up
SB-04-85(15-20)	15.00	20.00	733.05	718.05	713.05	Stick Up
SB-04-85(6-11)	6.00	11.00	733.05	727.05	722.05	Stick Up

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Monitoring Wells to Abandon
RACER Buick City
Flint, Michigan



1" Wells to Abandon	Top of Screen (ft BGS)	Bottom of Screen (ft BGS)	Ground Elevation (ft AMSL)	Top of Screen (ft AMSL)	Bottom of Screen (ft AMSL)	Well Type
SB-04-86(15-20)	15.00	20.00	733.92	718.92	713.92	Stick Up
SB-04-86(5-10)	5.00	10.00	733.92	728.92	723.92	Stick Up
SB-04-89(20-25)	20.00	25.00	735.47	715.47	710.47	Stick Up
SB-04-89(5-10)	5.00	10.00	735.47	730.47	725.47	Stick Up
SB-04-90(15-17)	5.00	17.00	NR	NA	NA	Stick Up
SB-04-90(24-29)	24.00	29.00	NR	NA	NA	Stick Up
SB-04-90(6-11)	6.00	11.00	NR	NA	NA	Stick Up
SB-04-92(21-26)	21.00	26.00	737.30	716.30	711.30	Stick Up
SB-04-92(8-13)	8.00	13.00	737.30	729.30	724.30	Stick Up
SB-04-93(24-29)	24.00	29.00	738.87	714.87	709.87	Stick Up
SB-04-93(9-14)	9.00	14.00	738.87	729.87	724.87	Stick Up
SB-04-94(10-15)	10.00	15.00	738.50	728.50	723.50	Stick Up
SB-04-94(19-24)	19.00	24.00	738.50	719.50	714.50	Stick Up
SB-04-94(23-28)	23.00	28.00	738.50	715.50	710.50	Stick Up
SB-04-94(4-9)	4.00	9.00	738.50	734.50	729.50	Stick Up
SB-04-97(23-28)	23.00	28.00	737.80	714.80	709.80	Stick Up
SB-04-97(7-12)	7.00	12.00	737.80	730.80	725.80	Stick Up
SB-04-98(21.5-26.5)	21.50	26.50	733.40	711.90	706.90	Flush Mount
SB-04-98(3-8)	3.00	8.00	733.40	730.40	725.40	Flush Mount
SB-04-99(21-26)	21.00	26.00	735.35	714.35	709.35	Stick Up
SB-04-99(5-10)	5.00	10.00	735.35	730.35	725.35	Stick Up
SB-04-126(10-15)	10.00	15.00	739.06	729.06	724.06	Stick Up
SB-04-127(10-15)	10.00	15.00	738.96	728.96	723.96	Stick Up

Notes:

1. ft BGS = Feet Below Ground Surface
2. ft AMSL = Feet Above Mean Sea Level
3. NR = Not Recorded
4. NA = Not Applicable

Table 2
Monitoring Wells to Keep
RACER Buick City
Flint, Michigan



1" Wells to Keep	Top of Screen (ft BGS)	Bottom of Screen (ft BGS)	Ground Elevation (ft AMSL)	Top of Screen (ft AMSL)	Bottom of Screen (ft AMSL)	Depth Classification	Well Type	Surface Material at Location
SB-04-113(10-15)	10	15	737.97	727.97	722.97	Shallow	Stick Up	Grass
SB-04-113(4-9)	4	9	736.48	732.48	727.48	Shallow	Stick Up	Grass
SB-04-116(4-9)	4	9	738.43	734.43	729.43	Shallow	Stick Up	Concrete
SB-04-117 (24-28)	24	28	738.42	714.42	710.42	Deep	Stick Up	Concrete
SB-04-119 (18-23)	18	23	737.77	719.77	714.77	Deep	Stick Up	Grass
SB-04-12(20-25)	20	25	735.11	715.11	710.11	Deep	Stick Up	Grass
SB-04-125(10-15)	10	15	738.58	728.58	723.58	Shallow	Stick Up	Grass
SB-04-13(6-11)	6	11	737.15	731.15	726.15	Shallow	Stick Up	Grass
SB-04-14(6-11)	6	11	737.40	731.40	726.40	Shallow	Stick Up	Grass
SB-04-19(8-13)	8	13	731.26	723.26	718.26	Shallow	Stick Up	Concrete
SB-04-20(10-15)	10	15	730.02	720.02	715.02	Deep	Stick Up	Concrete
SB-04-21(5-10)	5	10	738.60	733.60	728.60	Shallow	Stick Up	Concrete
SB-04-22(5-10)	5	10	736.61	731.61	726.61	Shallow	Stick Up	Grass
SB-04-23 (5-10)	5	10	737.84	732.84	727.84	Shallow	Stick Up	Concrete
SB-04-24(7-12)	7	12	738.38	731.38	726.38	Shallow	Stick Up	Concrete
SB-04-26(5-10)	5	10	729.77	724.77	719.77	Shallow	Flush Mount	Concrete
SB-04-29(15-20)	15	20	738.01	723.01	718.01	Shallow	Stick Up	Grass
SB-04-30(20-25)	20	25	737.61	717.61	712.61	Deep	Stick Up	Grass
SB-04-30(9.5-14.5)	9.5	14.5	737.61	728.11	723.11	Shallow	Stick Up	Grass
SB-04-31(20-25)	20	25	737.52	717.52	712.52	Deep	Stick Up	Concrete
SB-04-33 (19-24)	19	24	733.63	714.63	709.63	Deep	Stick Up	Concrete
SB-04-34(4-9)	4	9	734.04	730.04	725.04	Shallow	Stick Up	Concrete
SB-04-37(20-25)	20	25	736.71	716.71	711.71	Deep	Stick Up	Grass
SB-04-46(4-9)	4	9	730.73	726.73	721.73	Shallow	Flush Mount	Concrete
SB-04-49(13-18)	13	18	731.19	718.19	713.19	Deep	Flush Mount	Concrete
SB-04-55(20-25)	20	25	735.51	715.51	710.51	Deep	Stick Up	Grass
SB-04-56(14-19)	14	19	728.48	714.48	709.48	Deep	Flush Mount	Concrete
SB-04-57(14-19)	14	19	728.68	714.68	709.68	Deep	Flush Mount	Concrete
SB-04-58(4.5-9.5)	4.5	9.5	730.05	725.55	720.55	Shallow	Flush Mount	Concrete
SB-04-64(19-24)	19	24	733.43	714.43	709.43	Deep	Stick Up	Grass
SB-04-69(14-19)	14	19	731.44	717.44	712.44	Deep	Flush Mount	Concrete
SB-04-76(17-22)	17	22	732.05	715.05	710.05	Deep	Stick Up	Concrete
SB-04-84(15-20)	15	20	734.80	719.80	714.80	Deep	Stick Up	Grass
SB-04-84(23-28)	23	28	734.80	711.80	706.80	Deep	Stick Up	Grass
SB-04-87(18-23)	18	23	733.31	715.31	710.31	Deep	Stick Up	Grass
SB-04-87(6-16)	6	16	733.31	727.31	717.31	Shallow	Stick Up	Grass
SB-04-88(19-24)	19	24	733.02	714.02	709.02	Deep	Stick Up	Grass
SB-04-88(6-16)	6	16	733.02	727.02	717.02	Shallow	Stick Up	Grass
SB-04-89(13-18)	13	18	735.47	722.47	717.47	Deep	Stick Up	Grass
SB-04-91(8-13)	8	13	736.40	728.40	723.40	Shallow	Stick Up	Grass
SB-04-97 (16-21)	16	21	737.80	721.80	716.80	Deep	Stick Up	Grass
SB-04-98 (15-20)	15	20	733.40	718.40	713.40	Deep	Flush Mount	Concrete
SB-04-123(7-12)	7.00	12.00	736.60	729.60	724.60	Shallow	Stick Up	Grass
SB-04-124(8-13)	8.00	13.00	736.40	728.40	723.40	Shallow	Stick Up	Grass
SB-04-128(4-9)	4.00	9.00	736.59	732.59	727.59	Shallow	Flush Mount	Concrete
SB-04-27(5-10)	5.00	10.00	729.22	724.22	719.22	Shallow	Flush Mount	Concrete
SB-04-61(11-16)	11.00	16.00	729.36	718.36	713.36	Deep	Flush Mount	Concrete

Table 2
Monitoring Wells to Keep
RACER Buick City
Flint, Michigan



2" and 4" Wells to Keep	Top of Screen (ft BGS)	Bottom of Screen (ft BGS)	Ground Elevation (ft AMSL)	Top of Screen (ft AMSL)	Bottom of Screen (ft AMSL)	Depth Classification	Well Type	Surface Material at Location
MW-04-01	5.00	10.00	740.72	735.72	730.72	Shallow	Permanent Stick Up	Concrete
MW-04-02	4.00	14.00	741.12	737.12	727.12	Shallow	Permanent Stick Up	Concrete
04-1	4.00	14.00	731.25	727.25	717.25	Shallow	Flush Mount	Concrete
04-2	4.00	14.00	730.93	726.93	716.93	Shallow	Flush Mount	Concrete
04-3	4.00	14.00	NR	NA	NA	Shallow*	Flush Mount	Concrete
04-4	2.50	12.50	730.47	727.97	717.97	Shallow	Flush Mount	Concrete
04-5	NR	NR	730.91	NA	NA	Shallow*	Flush Mount	Concrete
04-160	15.00	22.00	729.61	714.61	707.61	Deep	Flush Mount	Concrete
RFI-44-06R	14.00	24.00	NR	NA	NA	Deep*	Flush Mount	Concrete
MW-04-150(19-24)	19.00	24.00	733.36	714.36	709.36	Deep	Stick Up	Grass
MW-04-150(8-13)	8.00	13.00	733.36	725.36	720.36	Shallow	Stick Up	Grass
MW-04-151(15-20)	15.00	20.00	730.03	715.03	710.03	Deep	Stick Up	Concrete
MW-04-151(4-9)	4.00	9.00	730.03	726.03	721.03	Shallow	Stick Up	Concrete
MW-04-152(15-20)	15.00	20.00	730.06	715.06	710.06	Deep	Stick Up	Concrete
MW-04-152(4-9)	4.00	9.00	730.06	726.06	721.06	Shallow	Stick Up	Concrete
MW-04-155(5-10)	5.00	10.00	735.20	730.20	725.20	Shallow	Stick Up	Grass
MW-04-156(20-25)	20.00	25.00	734.66	714.66	709.66	Deep	Stick Up	Grass
MW-04-156(9-14)	9.00	14.00	734.66	725.66	720.66	Shallow	Stick Up	Grass
MW-04-157(20-25)	20.00	25.00	734.93	714.93	709.93	Deep	Stick Up	Grass
MW-04-157(5-10)	5.00	10.00	734.93	729.93	724.93	Shallow	Stick Up	Grass
MW-04-158	3.00	8.00	729.33	726.33	721.33	Shallow	Flush Mount	Concrete
MW-04-159(18-23)	18.00	23.00	730.07	712.07	707.07	Deep	Flush Mount	Concrete
MW-04-159(4-9)	4.00	9.00	730.04	726.04	721.04	Shallow	Flush Mount	Concrete
IW-04-01	7.00	12.00	732.3	725.30	720.30	Shallow	Stick Up	Grass
IW-04-02	15.00	20.00	732.43	717.43	712.43	Deep	Stick Up	Grass
IW-04-03	4.00	9.00	734.96	730.96	725.96	Shallow	Stick Up	Grass
IW-04-04	20.00	25.00	734.89	714.89	709.89	Deep	Stick Up	Grass
RFI-44-04	2.80	7.80	NR	NA	NA	Shallow*	Flush Mount	Grass
RFI-44-05	8.00	18.00	731.96	723.96	713.96	Deep	Flush Mount	Concrete
MW-40-03	10.00	20.00	735.97	725.97	715.97	Shallow	Flush Mount	Concrete

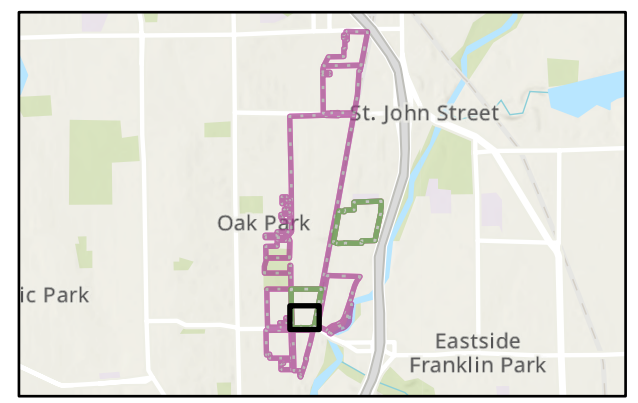
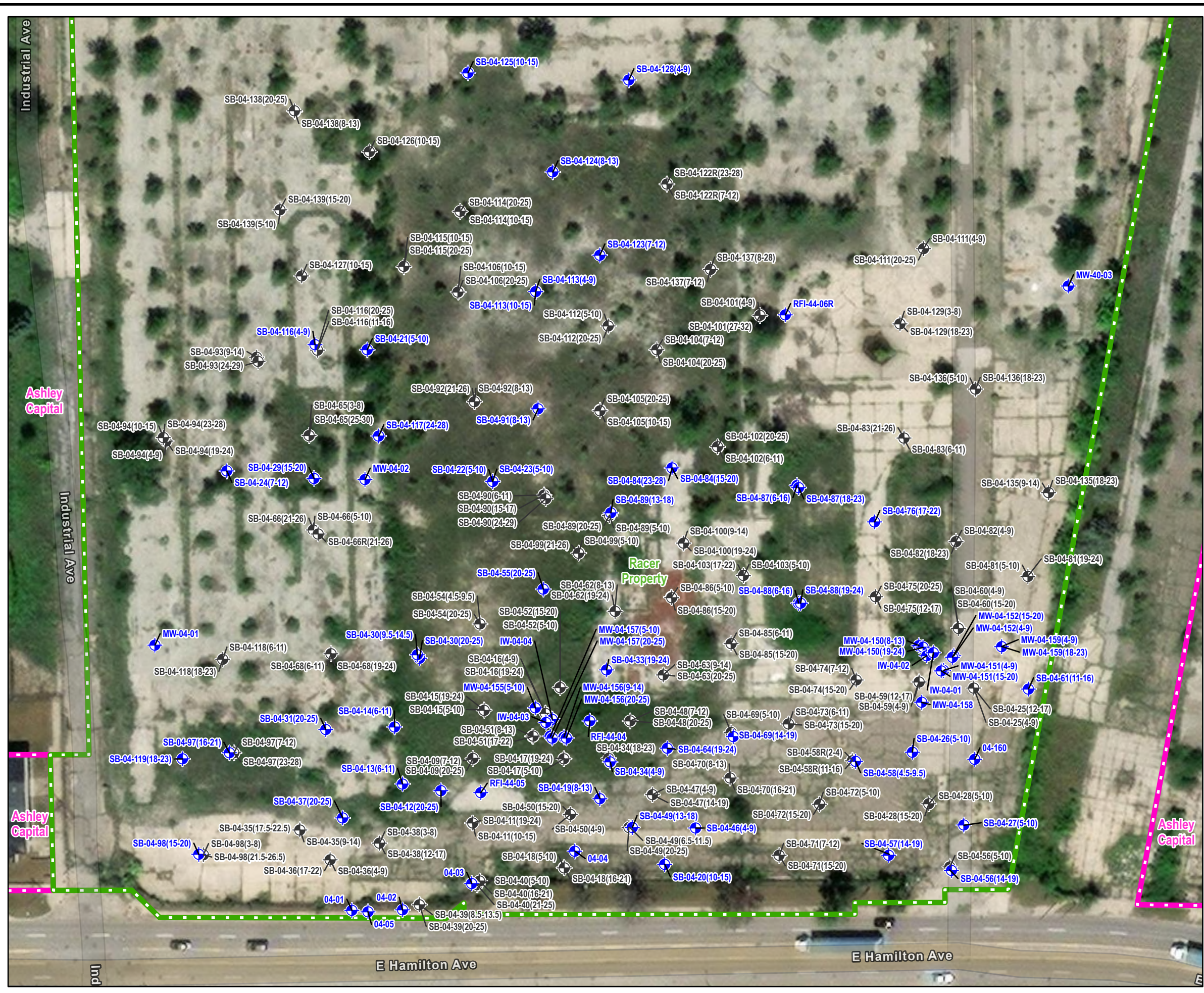
Notes:

1. ft BGS = Feet Below Ground Surface
2. ft AMSL = Feet Above Mean Sea Level
3. NR = Not Recorded
4. NA = Not Applicable
5. * = Inferred Shallow or Deep. Screen depths in ft AMSL could not be calculated due to missing screen interval information or ground surface elevation data.





Figures

DRAFT

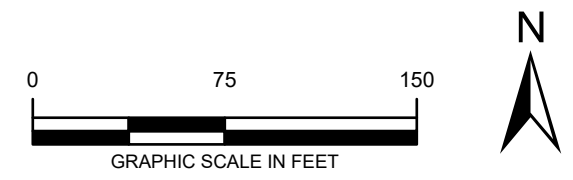
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LEGEND

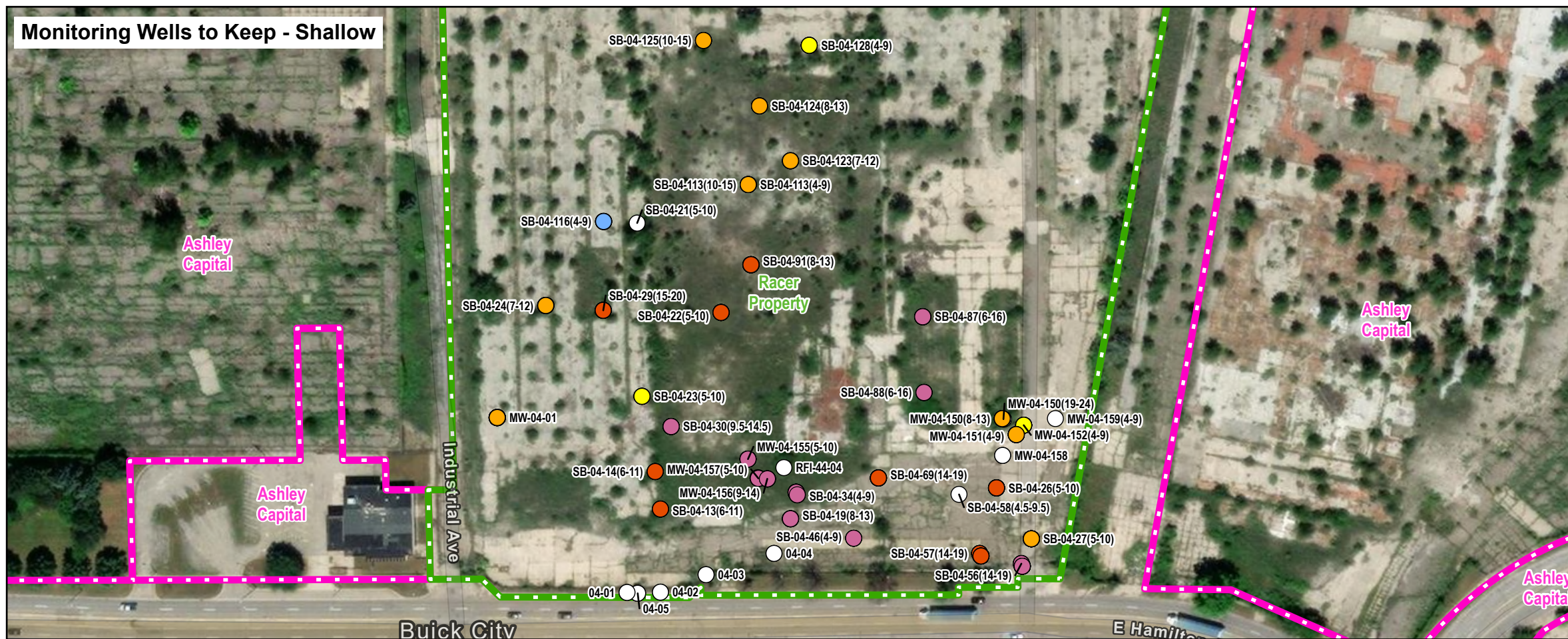
-  Monitoring Wells to Keep
-  Monitoring Wells to Abandon
-  Current Racer-owned Properties
-  Former Racer-owned Properties

Notes:
 1. Well IDs starting with SB are 1" wells. Well IDs starting with MW or 04 are 2" wells. Well IDs starting with IW are 4" wells.

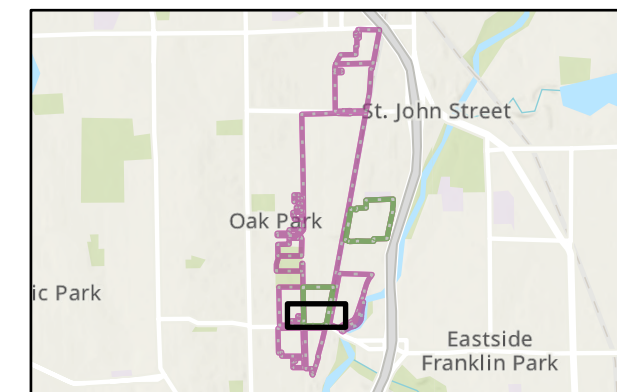


RACER TRUST BUICK CITY FLINT, MI	
BUILDING 44-04 MONITORING WELLS TO KEEP VS. TO ABANDON	
	FIGURE 1

Monitoring Wells to Keep - Shallow



Monitoring Wells to Keep - Deep



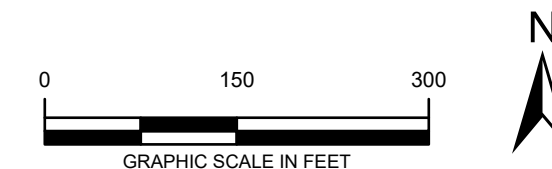
LEGEND

Maximum PFAS Exceedance in Groundwater Sample

- >10,000x to 100,000x the SL
- >1,000x to 10,000x the SL
- >100x to 1,000x the SL
- >10x to 100x the SL
- ≥SL to 10x the SL
- Detection < SL
- Non-detect (RL > SL)
- Non-detect (RL ≤ SL)
- PFAS Data Not Available
- Current Racer-owned Properties
- Former Racer-owned Properties

- Notes:
1. Symbol color represents the maximum SL exceedance for PFAS from samples at the location (as represented by the centroid of the symbol).
 2. Screening levels provided by MI GSI Protection.
 3. Well IDs starting with SB are 1" wells. Well IDs starting with MW or 04 are 2" wells. Well IDs starting with IW are 4" wells.

Acronyms:
 PFAS = Per - and Polyfluoroalkyl Substances
 RL = Reporting Limit
 SL = Screening Level
 x = times
 > = greater than
 < = less than
 ≥ = greater than or equal to
 ≤ = less than or equal to



RACER TRUST BUICK CITY FLINT, MI	
BUILDING 44-04 MONITORING WELLS TO KEEP	
	FIGURE 2

Attachment 1

**EGLE December 4, 2025 Conditional Approval: Building 44 Area
Monitoring Well Abandonment Plan**



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
MATERIALS MANAGEMENT DIVISION



PHILLIP D. ROOS
DIRECTOR

December 4, 2025

VIA EMAIL

Brendan Mullen, Cleanup Manager – Michigan
RACER Trust
1505 Woodward Avenue, Suite 200
Detroit, Michigan 48226-2043

Dear Brendan Mullen,

SUBJECT: Conditional Approval: *Building 44 Area Monitoring Well Abandonment Plan*; RACER Buick City; MID 005 356 712;
Waste Data System Number 393423

The Department of Environment, Great Lakes, and Energy (EGLE), Materials Management Division (MMD), reviewed the *Building 44 Area Monitoring Well Abandonment Plan* (Well Abandonment Plan), dated September 24, 2025, and prepared by Arcadis U.S., Inc. on behalf of the Revitalizing Auto Communities Environmental Response (RACER), Trust, for the Buick City facility located at 902 East Leith Street, Flint, Michigan. The Well Abandonment Plan was reviewed for compliance with Part 111, Hazardous Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and its administrative rules promulgated thereunder (R 299.9629), and the August 5, 2020, Corrective Action Consent Order, MMD 111-02-2020 (CACO).

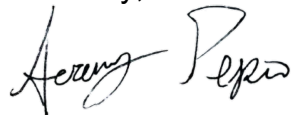
Based on this review, the Well Abandonment Plan is approved with the following conditions:

1. Pursuant to R 299.9629, monitoring well decommissioning procedures must either be in accordance with Standard Guide for Decommissioning of Groundwater Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environmental Activities (ASTM D5299-14), or a method approved by the director. The modified plug-in-place abandonment procedure described does not conform with ASTM D5299-14 and requires the director's approval. In general, MMD agrees that removing and/or perforating the well casings risks contaminant mobilization and/or hole collapse, and that leaving the casings in place provides an equal or greater level of protection. Therefore, MMD approves the modified plug-in-place procedure, with the following conditions:
 - If it is feasible to extract wells without hole collapse or other complications, MMD recommends extraction where practical.

- If it is not feasible and casings are left in place, the casings should be cut off to a depth of approximately two feet below ground surface before final grouting and plugging.
2. MMD agrees that additional monitoring wells should be installed to monitor the performance of the future groundwater extraction system proposed for this area. The number and location of wells will be determined at a later date.
 3. MMD requests that the following monitoring wells be retained:
 - SB-04-34 (4-9)
 - SB-04-69 (14-19)
 - SB-04-56 (14-19)
 - SB-04-57 (14-19)

MMD requests that RACER provide at least seven (7) days' notice prior to implementing the Well Abandonment Plan to allow MMD to observe the proposed field activities. Please contact me if you have any questions at 517-219-2288; PepinJ2@Michigan.gov; or EGLE-MMD-HWS@Michigan.gov.

Sincerely,



Jeremy Pepin, Environmental Engineer
Corrective Action Unit
Hazardous Waste Section
Materials Management Division
517-219-2288

cc: Dave Favero, RACER Trust, Deputy Cleanup Manager – Michigan
Patrick Curry, Vice President, Arcadis
Tiffany Linder, Project Manager, Arcadis
Kimberly M. Tyson, EGLE
Elizabeth Garver, EGLE
Steve Busch, EGLE
Brian Zuber, EGLE
Evin Maguire, EGLE
Shaun Shields, EGLE
Conditional Approval – Work Plan – CA