

To:
Peter Ramanauskus, U.S. EPA

Copies:
Grant Trigger, RACER
Chris Peters, Arcadis

Arcadis of Michigan, LLC
28550 Cabot Drive
Suite 500
Novi
Michigan 48377
Tel 248 994 2240
Fax 248 994 2241

From:
Micki Maki

Date:
January 25, 2024

Arcadis Project No.:
30174223

Subject:
Buick City 761.61(c) Request – Addendum #1
RACER, Buick City, Flint, Michigan

This Addendum #1 to the 761.61 (c) Request for Risk-Based Cleanup Approval (dated May 23, 2023, Revised October 18, 2023) has been prepared for the RACER Buick City Site (Site) (EPA ID 005356712), located in Flint, Michigan. This submittal includes the following:

- A summary of recently identified areas where PCBs were detected in concrete slabs at a concentration exceeding 1 part per million (ppm).
- The extent of concrete slab removal for PCB impacts greater than 50 ppm within PCB Area #25.
- A summary of soil impacts at newly identified PCB Area #8C, which includes PCB impacted soils greater than 25 ppm within existing PCB Area #8B.
- Minor corrections on previously submitted figures for PCB Area #5 and # 10.
- Offsite disposal approval request.

Concrete Investigation Background

A review of historic documents identified a Facility Environmental Assessment (FEA) completed in 2007 for Former Factory 83/84 (also known as Factory 31) (2007 FEA, O'Brien and Gere). A recent review of the 2007 FEA report revealed that the Traverse Group, Inc. (TGI) had previously conducted an initial FEA and sampling of Factory 83/84 in 2004-2005 where PCB-impacted wood block flooring was identified and

two areas where PCB-impacted trench/pit debris was identified (**Figure 1**). Subsequent additional sampling was completed by OBG in 2007.

The 2007 FEA report also identified five areas on the former Factory 83/84 slab where PCBs were detected above 1 ppm in concrete. Factory 83/84 was demolished between 2010 and 2012 and the slab was power washed as a part of the demolition. These five areas were revisited, and additional samples were collected in October through December 2023 to determine whether PCBs were still present at concentrations greater than 1 ppm in the concrete following the demolition activities.

Note that the 2011 FEA (O'Brien and Gere) and 2012 Deactivation Report (Arcadis) for Factories 05, 10, and 81(2011 FEA, O'Brien and Gere), and the 2008 FEA for Building 86 (O'Brien and Gere) did not report detections of PCBs in concrete floor samples at concentrations greater than 1 ppm.

Concrete Sampling Methodology

Concrete samples for investigation and horizontal delineation purposes were collected from the top 1-inch of concrete at each location using a hammer drill to collect a pulverized sample. In order to obtain adequate sample volume three holes were drilled adjacent to one another to the 1-inch depth and the pulverized concrete was combined into a single sample.

In addition, at eight locations (FLR-044, FLR-092, CC-83/84-06, CC-83/84-22, CC-83/84-109, CC-83/84-110, CC-83/84-111, CC-83/84-112) concrete samples were also collected at depth (5 to 8-inches or 8 to 12-inches) for vertical characterization purposes to determine if PCB impacts are present at depth. Please note that as samples were collected using a hammer drill there is a potential for 'drag down' from shallower impacts. As such the deeper sample results may not necessarily be representative of the impacts in the deeper interval.

Concrete Investigation and Delineation Sampling

The concrete sampling locations provided in the 2007 FEA were overlain on current Site drawings and 14 detections of PCBs greater than 1 ppm from 2007 were identified. A table of the concrete sample results excerpted from the 2007 FEA is presented in **Attachment A**.

In 2023, concrete samples were collected from 88 locations to investigate and delineate the previously identified detections of PCB impacts. In addition, five concrete samples (CC-83/84-15, -39, -40, -42, and -47) were collected from two former wood block floor areas identified in the historic TGI report (Traverse Group, Inc., 2005) where no samples had previously been collected and analyzed for PCBs. The concrete samples collected in the identified wood block floor areas not previously sampled did not detect PCBs above 1 ppm (**Table 1**).

Figure 1 presents the 2007 FEA concrete sampling locations and the 2023 delineation sample locations. The 2007 FEA sample locations are identified as FLR-###, for example FLR-118, while the 2023 sample locations are identified as CC-83/84-###, such as CC-83/84-118. Note that as mentioned above, as part of the 2023 sampling event deep concrete samples were collected from two of the 2007 FEA sampling

locations (FLR-044 and FLR-092). Therefore, the 2007 data collected at these locations is presented in **Attachment A**, while the 2023 sample data is presented in **Tables 3 and 7**.

The 2023 sampling activities confirmed the presence of PCBs present at a concentration greater than 1 ppm in five areas at Factory 83/84. The delineation data area presented in **Tables 2 through 10** and the locations are shown on **Figures 2 and 3**).

Proposed Restrictions of PCB Impacted Concrete

The five areas where PCBs were detected above 1 ppm in concrete are proposed to be restricted as PCB Area #22 through #26 as discussed below.

PCB Area #22 (Low Occupancy) – Approval of a low occupancy use is requested for PCB Area #22 per 40 CFR 761.61(a)(4)(i)(B)(1).

- A total of 42 concrete samples were collected at PCB Area #22 during the 2007 and 2023 sampling events. Forty samples were collected from a depth of 0 to 1-inch and two samples were collected from depths of 8 to 9-inches or 8 to 12-inches, as discussed below.
- A total of 18 concrete samples (collected from 17 locations) detected PCBs at a concentration greater than 1 ppm with detections ranging from 1.1 to 16 ppm (**Figure 2**). **Table 2** presents a summary of the 2023 PCB detections greater than 1 ppm. The 2007 FEA PCB detections greater than 1 ppm (FLR-089, -090, -091, -092, -093, -095, and -096) are presented in **Attachment A**.
- The PCB impacts are delineated by 18 concrete samples.. One of the delineation samples (FLR-079) was collected during the 2007 FEA (**Attachment A**), while the remaining 17 concrete samples were collected as part of the current investigation (**Table 3**). **Table 3** also presents the results of sample collected at depth at FLR-092, discussed further below.
- Two deeper concrete samples were also collected at PCB Area #22. The sample collected at FLR-092 was collected from 8 to 9-inches bgs (bottom of the concrete) and the sample at CC-83/84-06 was collected from 8 to 12-inches bgs. The sample collected at FLR-092 did not detect PCBs (**Table 3**), while the sample collected at CC-83/84-06 detected PCBs at a concentration of 6 ppm (**Table 2**). Concrete in this area is 9 -inches to 1-foot thick.
- As the PCB detections are less than 25 ppm, a low occupancy use restrictive covenant will be filed that requires the concrete be managed in accordance with applicable regulations.

PCB Area #23 (Low Occupancy) – Approval of a low occupancy use is requested for PCB Area #23 per 40 CFR 761.61(a)(4)(i)(B)(1).

- A total of 6 concrete samples were collected at PCB Area #23 during the 2007 and 2023 sampling events. The samples were collected from a depth of 0 to 1-inch.
- One concrete sample collected during the 2007 FEA at location FLR-081 detected PCBs in concrete at a concentration greater than 1 ppm with detection of 3 ppm (**Figure 2, Attachment A**).
- The impacted location is delineated by samples collected from five locations. Three samples collected at FLR-084, -085 and -086 were collected during the 2007 FEA (**Attachment A**), while the remaining two concrete samples were collected from CC-83/84-106 and -107 as part of the current investigation (**Table 4**).
- As the detection is less than 25 ppm and is not capped, a low occupancy use restrictive covenant will be filed that requires the concrete be managed in accordance with applicable regulations.

PCB Area #24 (Low Occupancy) – Approval of a low occupancy use is requested for PCB Area #24 per 40 CFR 761.61(a)(4)(i)(B)(1).

- A total of 10 concrete samples were collected at PCB Area #24 during the 2007 and 2023 sampling events. The samples were collected from a depth of 0 to 1-inch.
- Two concrete samples detected PCBs at concentrations greater than 1 ppm ranging from 6 to 6.8 ppm (**Figure 3**). **Table 5** presents a summary of the 2023 PCB detections greater than 1 ppm.
- The impacted concrete is delineated by samples collected from eight locations. Three of the delineation samples (FLR-050, -052, and -054) were collected during the 2007 FEA (**Attachment A**), while the remaining five concrete samples (CC-83/84-55, -56, -57, -92 and -93) were collected as part of the current investigation (**Table 6**).
- As the detections are less than 25 ppm and are not capped, a low occupancy use restrictive covenant will be filed that requires the concrete be managed in accordance with applicable regulations.

PCB Area #25 (Low Occupancy) – Approval of a low occupancy use is requested for PCB Area #25 per 40 CFR 761.61(a)(4)(i)(B)(1).

- A total of 50 concrete samples were collected at PCB Area #25 during the 2007 and 2023 sampling events. Forty-four samples were collected from a depth of 0 to 1-inch and six samples were collected from depths of 5 to 8-inches or 8 to 12-inches, as discussed below.
- A total of 23 concrete samples (collected from 20 locations) at PCB Area #25 detected PCBs at a concentration greater than 1 ppm (**Figure 3**) with concentrations ranging from

1.2 to 140 ppm. **Table 7** presents a summary of the 2023 PCB detections greater than 1 ppm. The 2007 FEA PCB detections greater than 1 ppm (FLR-028, -042, -043, -044, and -045) are presented in **Attachment A**.

- The PCB impacts are delineated by samples collected from 17 locations. Three of the delineation samples (FLR-029, -032, and -033) were collected during the 2007 FEA (**Attachment A**), while the remaining 14 concrete samples were collected as part of the current investigation (**Table 8**).
- Six deeper concrete samples were also collected at PCB Area #25 at depths of 5 to 8-inches or 8 to 12-inches bgs. Three of the samples (CC-83/84-22, CC-83/84-111, and FLR-044) detected PCBs at concentrations greater than 1 ppm (**Table 7**). The remaining three samples (CC-83/84-109, CC-83/84-110, and CC-83/84-112, FLR-044) did not detect PCBs (**Table 9**). Concrete in this area is 8-inches to 1 foot thick.
- Three concrete samples at PCB Area #25 detected PCBs at concentrations greater than 25 ppm. Two samples collected at CC-83/84-22 detected PCBs at concentrations of 62 and 97 ppm and a sample collected at CC-83/84-118 detected PCBs at 140 ppm.
- In December 2023 the PCB impact CC-83/84-22 was removed and disposed of at an offsite facility. No evidence of impacts were observed in the soils below the concrete. Impacted concrete was removed to delineation locations CC-83/84-109 through -112, where PCBs results were less than 25 ppm. Following completion of concrete removal six confirmation samples (CC-83/84-113 through -118) of concrete were collected between CC-83/84-109 through -112 (**Figure 4**). The PCB results at the confirmation locations were less than 25 ppm, with the exception of CC-83/84-118, which detected PCBs at 140 ppm (**Table 8**). An additional excavation will be completed to remove the concrete at CC-83/84-118. The extents of the completed concrete removal and additional proposed removal are shown on **Figure 4**.
- Following the completion of excavation activities, the remaining impact at PCB #25 will be less than 25 ppm, as such a low occupancy use restrictive covenant will be filed that will require the concrete be managed in accordance with applicable regulations.

PCB Area #26 (Low Occupancy) – Approval of a low occupancy use is requested for PCB Area #26 per 40 CFR 761.61(a)(4)(i)(B)(1).

- A total of five concrete samples were collected at PCB Area #26 during the 2007 and 2023 sampling events. The samples were collected from a depth of 0 to 1-inch.
- One concrete sample collected during the 2007 FEA (FLR-035) detected PCBs at a concentration greater than 1 ppm at a concentration 2.5 ppm (**Figure 3, Attachment A**).
- The impacted concrete is delineated by samples collected from four locations. Three of the samples (FLR-036, -037, and -038) were collected during the 2007 FEA (**Attachment**

A), while the remaining concrete sample (CC-83/84-58) was collected as part of the current investigation (**Table 10**).

- As the detections are less than 25 ppm and are not capped, a low occupancy use restrictive covenant will be filed that requires the concrete be managed in accordance with applicable regulations.

PCB Areas #8B and #8C

The investigation completed at PCB Area #8B in 2023 identified one soil sample that detected PCBs at a concentration greater than 25 ppm at SB-81-131 (**Figure 5**). In November-December 2023, 67 additional samples were collected from 23 borings to delineate the detection of 40 ppm PCBs from 1 to 3 ft bgs at SB-81-131 (**Table 11**).

During the November-December 2023 sampling event three samples collected at SB-81-158, SB-81-159, SB-81-160 also detected PCBs at concentrations greater than 25 ppm, with a maximum concentration of 64 ppm. The area that encompasses the four sample locations where PCBs were detected at greater than 25 ppm has been identified as PCB Area #8C and is discussed in detail below. Note that PCB Area #8C is located within PCB Area #8B.

PCB Area #8C (Risk-Based Low Occupancy) – Approval of a low occupancy use is requested for PCB Area #26 per 40 CFR 761.61(a)(4)(i)(C).

- A total of 58 soil samples were collected at PCB Area #8C from 20 boring locations. The samples were collected from a depth of 0-1, 1-3, and 3-5 feet bgs (except where refusal was met) to delineate the extents of the impact (**Table 11**).
- Four soil samples, collected at SB-81-131, SB-81-158, SB-81-159, and SB-81-160, detected PCBs at concentrations greater the 25 ppm (**Figure 6, Table 11**).
- The impacts at SB-81-131, 158 and -160 are delineated vertically; however, a deeper sample was unable to be collected at SB-81-159 due to a subsurface obstruction. Attempts were also made to collect deeper samples at SB-81-144, -153, and -154; however, obstructions were encountered at these locations as well.
- The PCB impacts greater than 25 ppm are delineated by 26 samples collected from nine locations (**Figure 7, Table 11**). Note that this area is delineated to 25 ppm as it is located within PCB Area #8B, which is delineated to 1 ppm. Delineation borings were placed as closely as possible to a 5-foot spacing; however, due to the presence of sanitary and storm sewer lines and numerous obstructions encountered during drilling, boring locations were moved in an attempt to reach target depths.
- As part of Site redevelopment planned construction activities in this area are expected to disrupt any cover or cap. As an interim measure an orange-colored construction fence

will be constructed around the perimeter of this area to temporarily meet the fencing requirement under 40 CFR 761.61(a)(4)(i)(B)(2). If the planned construction work is not completed by January 1, 2026, the fence will be removed and replaced by a cap meeting the requirements of 40 CFR 761.61(a)(4)(i)(B)(3)

- As the PCB detections are greater than 25 ppm and an interim fence will be installed, a risk -based low occupancy use restrictive covenant is requested.

761.61(C) Submittal Figure Corrections

Attachment B presents revised figures for the PCB Area #5 Memo and the PCB Area #10 memo, as discussed below. These edits do not change the proposed restrictive covenants. The edits are corrections and minor edits so that the memo figures match the restrictive covenants.

- PCB Memo #5 - Delineation locations TW-DH-RW-2-3 and TW-DH-RW-2-5 were replaced with the single location TW-DH-RW-2-6 in the restrictive covenant. The three locations are very closely located, were sampled at the same intervals, and the results were all less than 1 ppm. The figure was updated to reflect the restrictive covenant extent to eliminate any discrepancies.
- PCB Memo #10 – One of the databoxes on the figure is incorrect. A databox for TW-83/84-49-7 appears twice on the figure and the TW-83/84-49-6 databox is missing. The figure was edited to correct the databoxes as well as making a minor adjustment to the extent to draw the boundary through TW-83/84-49-6 to reflect the restrictive covenant to eliminate any discrepancies.

Offsite Disposal Request

As the Site is redeveloped it may become necessary to dispose of PCB-impacted materials (soil, concrete, etc) to facilitate redevelopment. It is requested that EPA approve the disposal of excavated PCB impacted soil and concrete which have been sampled and analyzed in accordance with 761.61(a)(5)(i)(B)(2)(i) and found to have < 50 ppm PCBs, f in accordance with 761.61(a)(5)(v)(A) as Bulk PCB remediation waste at a Type II landfill.

References

Arcadis, 2012. Buick City – Deactivation Report - Northend (formerly General Motors Corporation North American Operations Facility. Prepared for Revitalization Auto Communities Environmental Response Trust, September 2012.

O'Brien and Gere, 2007. FEA of Factory 31 – GM Powertrain-Flint North, Flint, Michigan. June 6, 2007.

O'Brien and Gere, 2008. Draft Facility Environmental Assessment – Flint Powertrain North – Buildings 86A and 86B. March 2008.

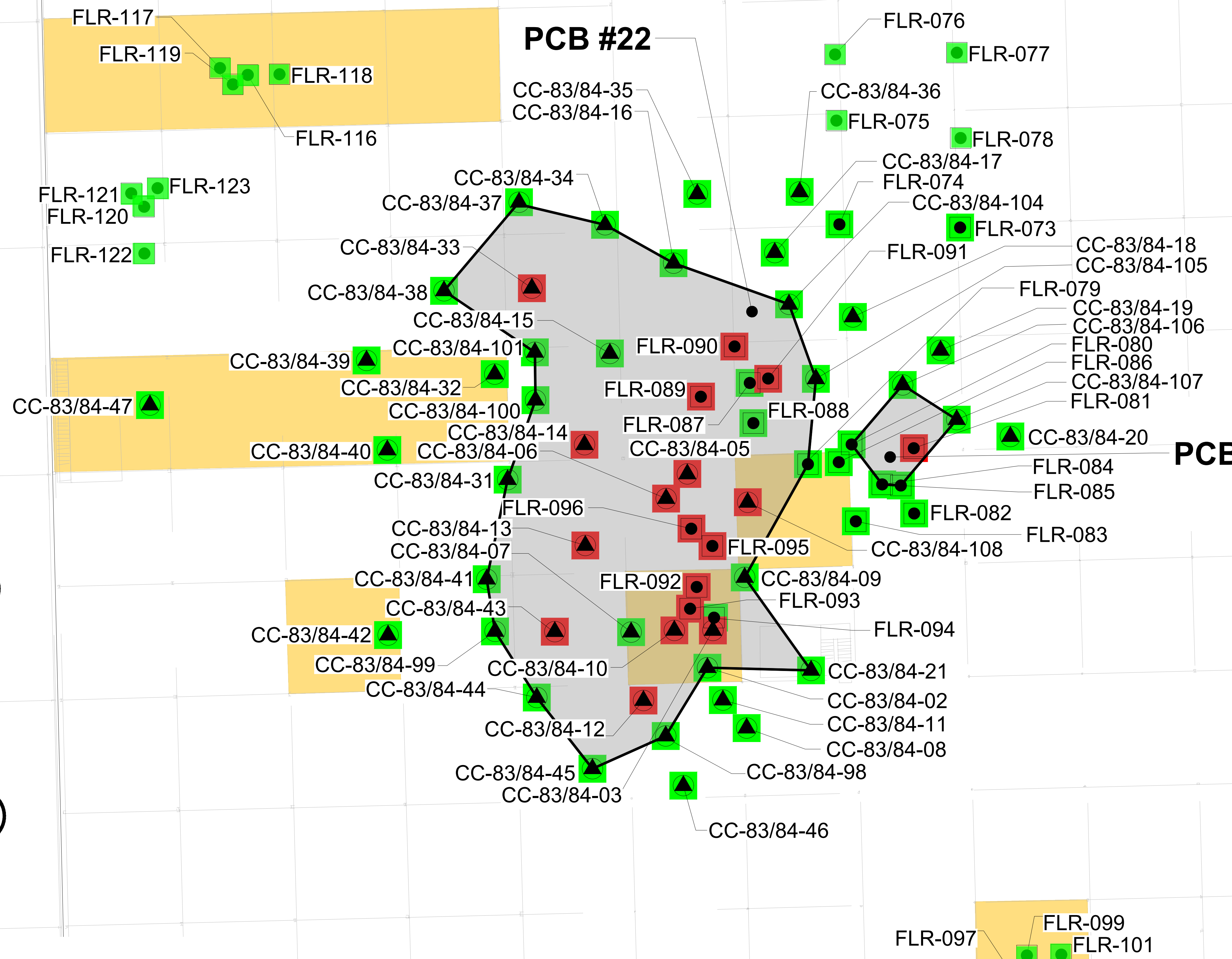
MEMO

O'Brien and Gere, 2011. FEA Report – Flint North Complex – Buildings 5, 10, and 81. Prepared for Motors Liquidation Company. January 2011.

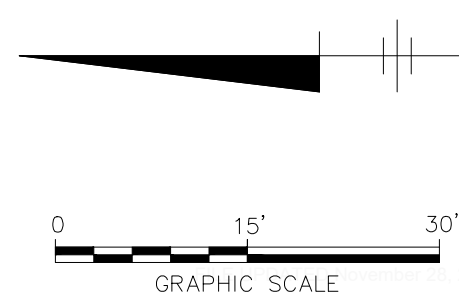
Traverse Group, Inc, 2005. Building Decommissioning Assessment, General Motors Corporation, Flint North Powertrain Facility, Buildings 38, 65, 97, and Factory 31.

C:\Users\BSS\Small\DC\ACCDocs\Arcadis\AUS-RACER TRUST-BUICK CITY-FLINT Michigan\Project Files\2022\01-10 Progress\01-DWG\2023-FACTORY\6384.dwg LAYOUT_2_SAVED: 11/28/2023 4:54 PM ACADVER: 24.05 (LMS TECH) PAGES: 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

(F)
(E)
(D)
(C)
(B)



- LEGEND:
- 2007 O'BRIEN AND GERE CONCRETE CORE > 1 PPM
 - 2007 O'BRIEN AND GERE CONCRETE CORE ≤ 1 PPM
 - 2023 CONCRETE CORE > 1 PPM
 - 2023 CONCRETE CORE ≤ 1 PPM
 - AREA OF PCB IMPACTED WOOD BLOCK FLOOR
 - EXTENT OF PROPOSED RESTRICTED AREA



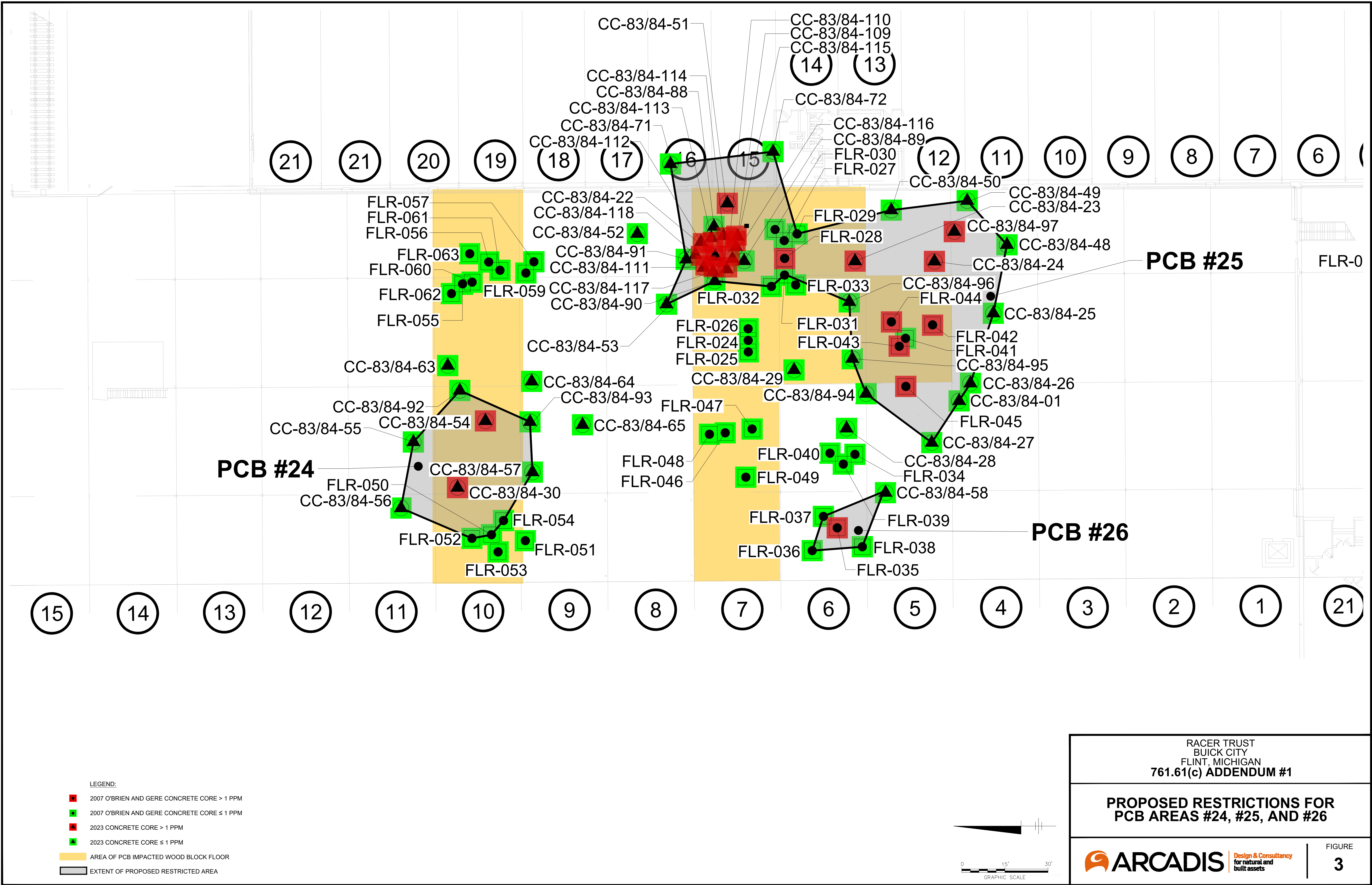
RACER TRUST
BUICK CITY
FLINT, MICHIGAN
761.61(c) ADDENDUM #1

**PCB AREA #22 AND #23
PROPOSED RESTRICTIONS**

ARCADIS Design & Consultancy
for natural and built assets

FIGURE
2

C:\Users\BSS\OneDrive\Work\Projects\BUICK CITY_FLINT_MIP\Project Files\10_WIP\101_ARC_ENV\2024\01-DMG\2023\FACTORY\384.dwg LAYOUT: 3_SAVED: 1/19/2024 7:55 AM ACADVER: 24.25 (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: --- PLOTSETUP: --- PLOTSTYLETABLE: --- PLOTSETUP: --- PLOTSTYLETABLE: ---



LEGEND:

- 2007 O'BRIEN AND GERE CONCRETE CORE > 1 PPM
- 2007 O'BRIEN AND GERE CONCRETE CORE ≤ 1 PPM
- ▲ 2023 CONCRETE CORE > 1 PPM
- ▲ 2023 CONCRETE CORE ≤ 1 PPM
- AREA OF PCB IMPACTED WOOD BLOCK FLOOR
- EXTENT OF PROPOSED RESTRICTED AREA

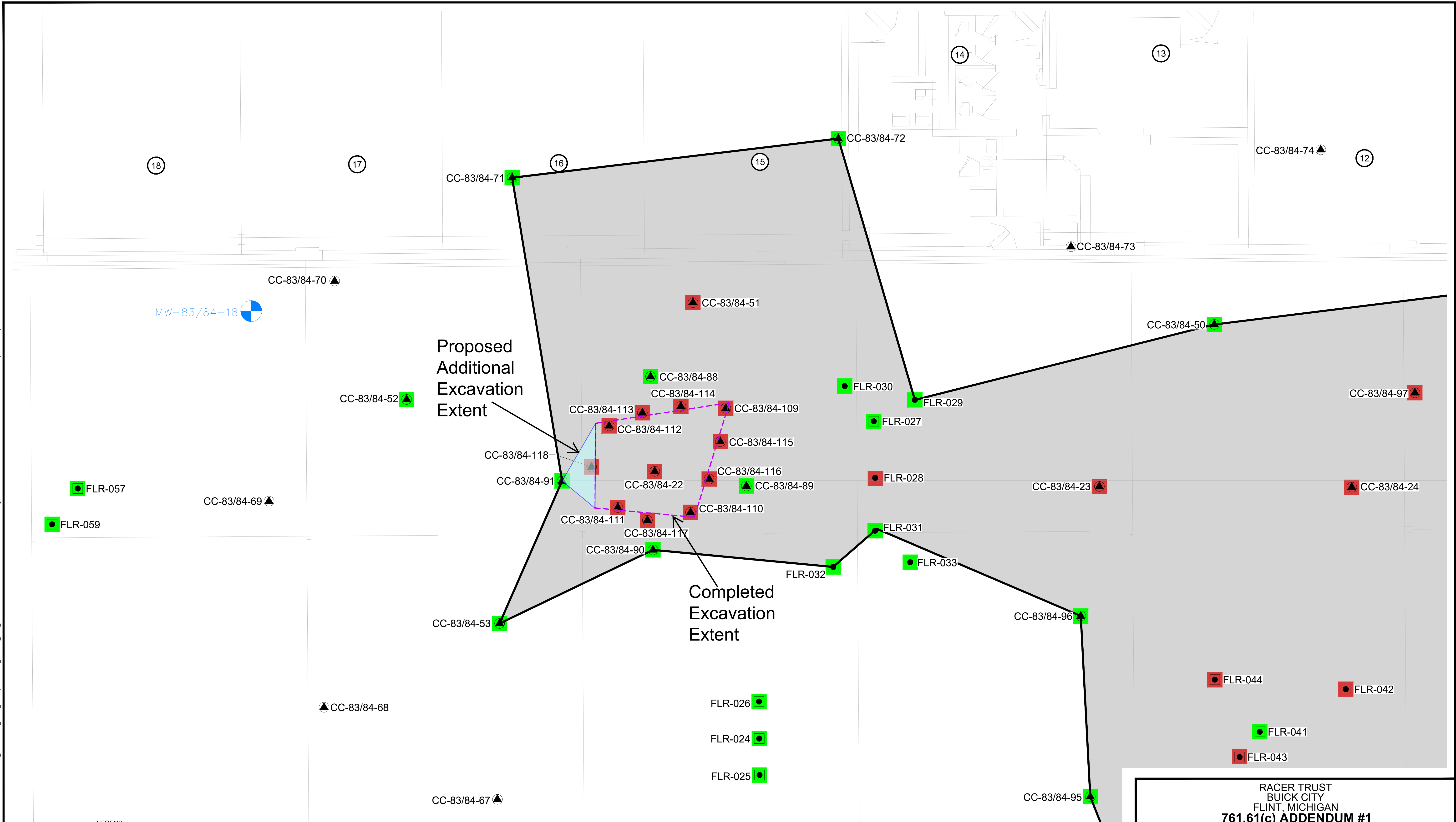
RACER TRUST
BUICK CITY
FLINT, MICHIGAN
761.61(c) ADDENDUM #1

**PROPOSED RESTRICTIONS FOR
PCB AREAS #24, #25, AND #26**

ARCADIS Design & Consultancy
for natural and built assets

FIGURE
3

C:\Users\BSS\small\DC\ACCDocs\Arcadis ACC US\AUS\88999999\9999\PROJECT FILES\10_WIP\101_ARC_ENV\2024\01-DWG\2023\FACTORY31\84-200M.dwg LAYOUT - .SAVED: 1/19/2024 4:01 PM ACADVER: 24.25 (LMS TECH) PAGESETUP - PLOTSTYLETABLE: - PLOTTED: 1/19/2024 4:01 PM BY: SMALL, BRIAN



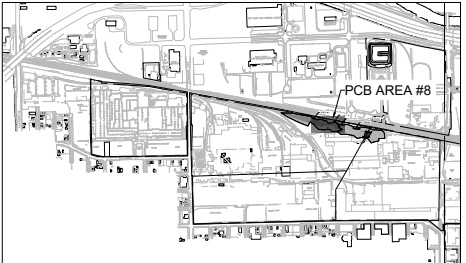
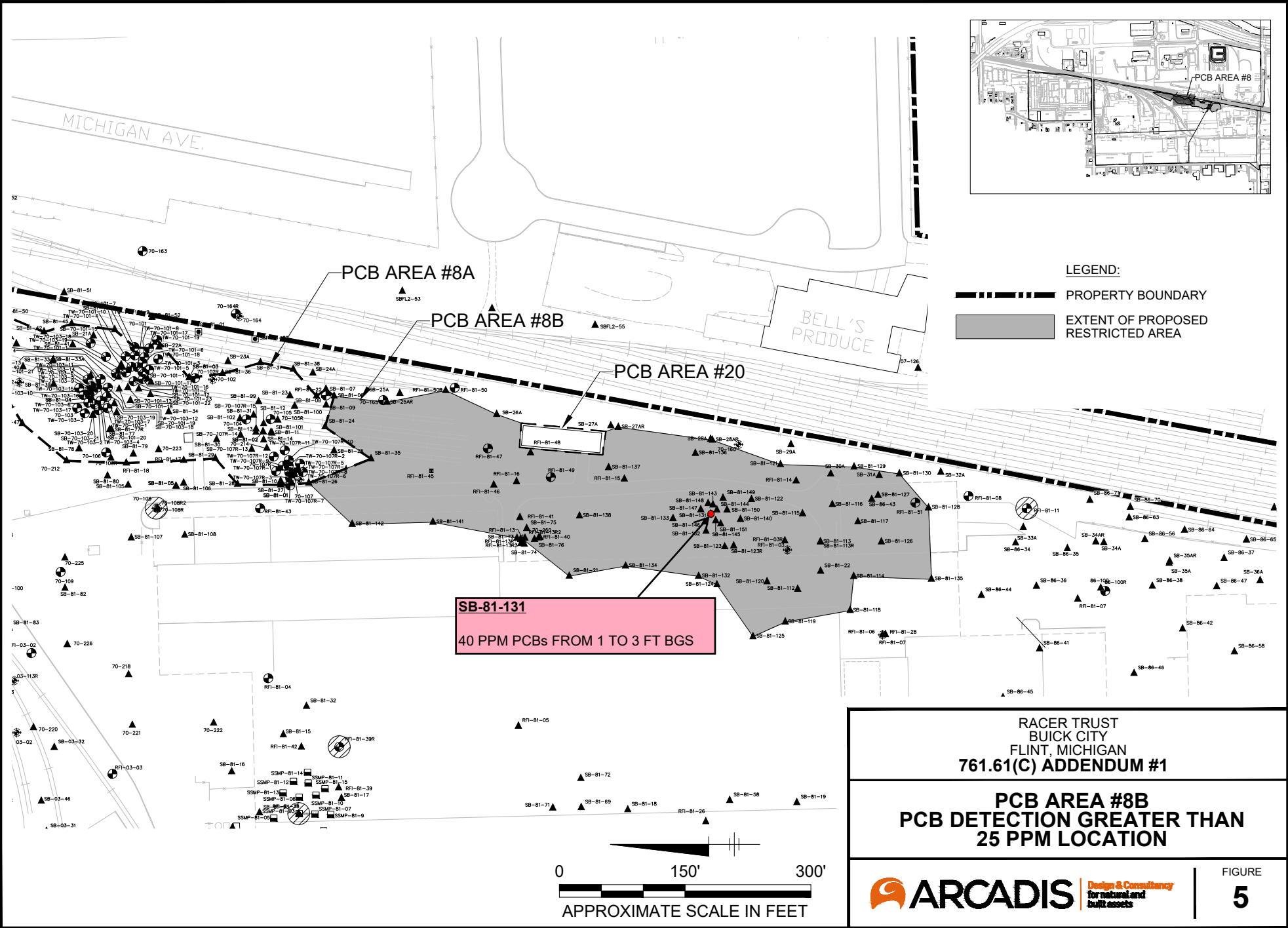
- LEGEND:
- MONITORING WELL (ACTIVE)
 - 2007 O'BRIEN AND GERE CONCRETE CORE > 1 PPM
 - 2007 O'BRIEN AND GERE CONCRETE CORE < 1 PPM
 - 2023 CONCRETE CORE > 1 PPM
 - 2023 CONCRETE CORE < 1 PPM
 - EXTENT OF PROPOSED RESTRICTED AREA
 - COMPLETED EXCAVATION AREA

RACER TRUST
BUICK CITY
FLINT, MICHIGAN
761.61(c) ADDENDUM #1

**FACTORY 31
SITE PLAN**

ARCADIS Design & Consultancy
for natural and
built assets

FIGURE
-

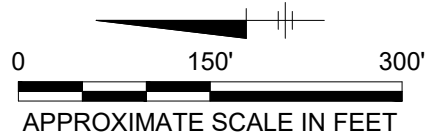


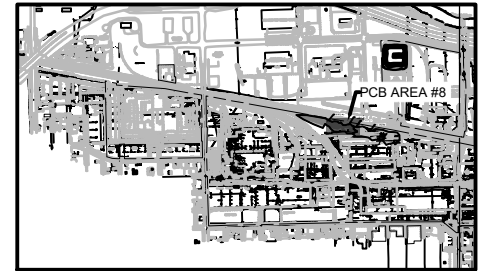
- LEGEND:**
- PROPERTY BOUNDARY
 - EXTENT OF PROPOSED RESTRICTED AREA

SB-81-131
 40 PPM PCBs FROM 1 TO 3 FT BGS

RACER TRUST
 BUICK CITY
 FLINT, MICHIGAN
761.61(C) ADDENDUM #1

PCB AREA #8B
PCB DETECTION GREATER THAN
25 PPM LOCATION



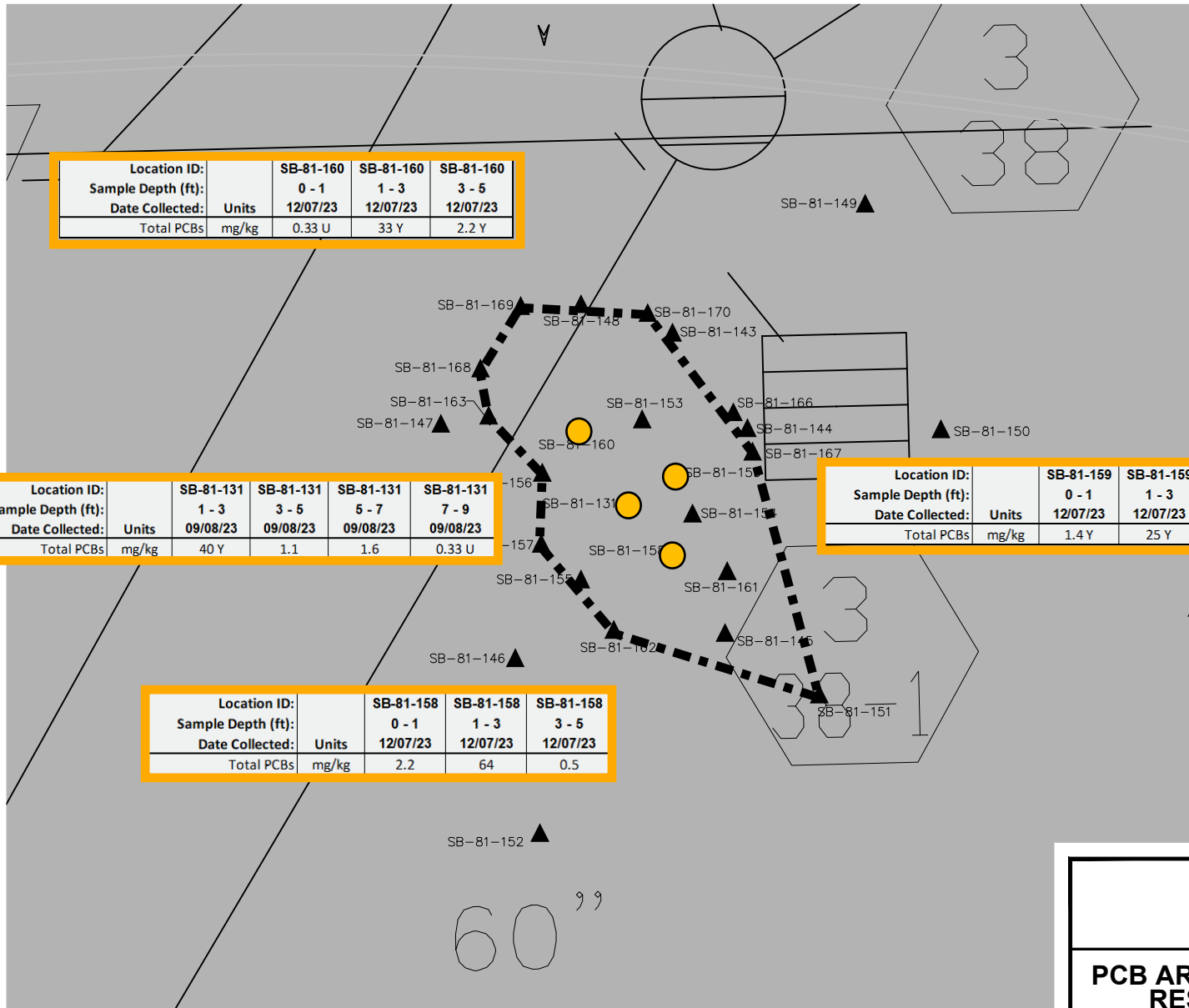


Location ID:	SB-81-160	SB-81-160	SB-81-160
Sample Depth (ft):	0 - 1	1 - 3	3 - 5
Date Collected:	Units	12/07/23	12/07/23
Total PCBs	mg/kg	0.33 U	33 Y
			2.2 Y

Location ID:	SB-81-131	SB-81-131	SB-81-131	SB-81-131
Sample Depth (ft):	1 - 3	3 - 5	5 - 7	7 - 9
Date Collected:	Units	09/08/23	09/08/23	09/08/23
Total PCBs	mg/kg	40 Y	1.1	1.6
				0.33 U

Location ID:	SB-81-159	SB-81-159	SB-81-159
Sample Depth (ft):	0 - 1	1 - 3	3 - 5
Date Collected:	Units	12/07/23	12/07/23
Total PCBs	mg/kg	1.4 Y	25 Y
			30 Y

Location ID:	SB-81-158	SB-81-158	SB-81-158
Sample Depth (ft):	0 - 1	1 - 3	3 - 5
Date Collected:	Units	12/07/23	12/07/23
Total PCBs	mg/kg	2.2	64
			0.5



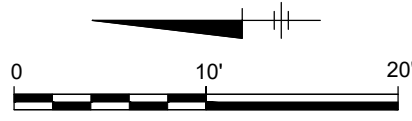
LEGEND:



EXTENT OF PROPOSED RESTRICTED AREA



PCBS GREATER THAN 25 PPM



GRAPHIC SCALE

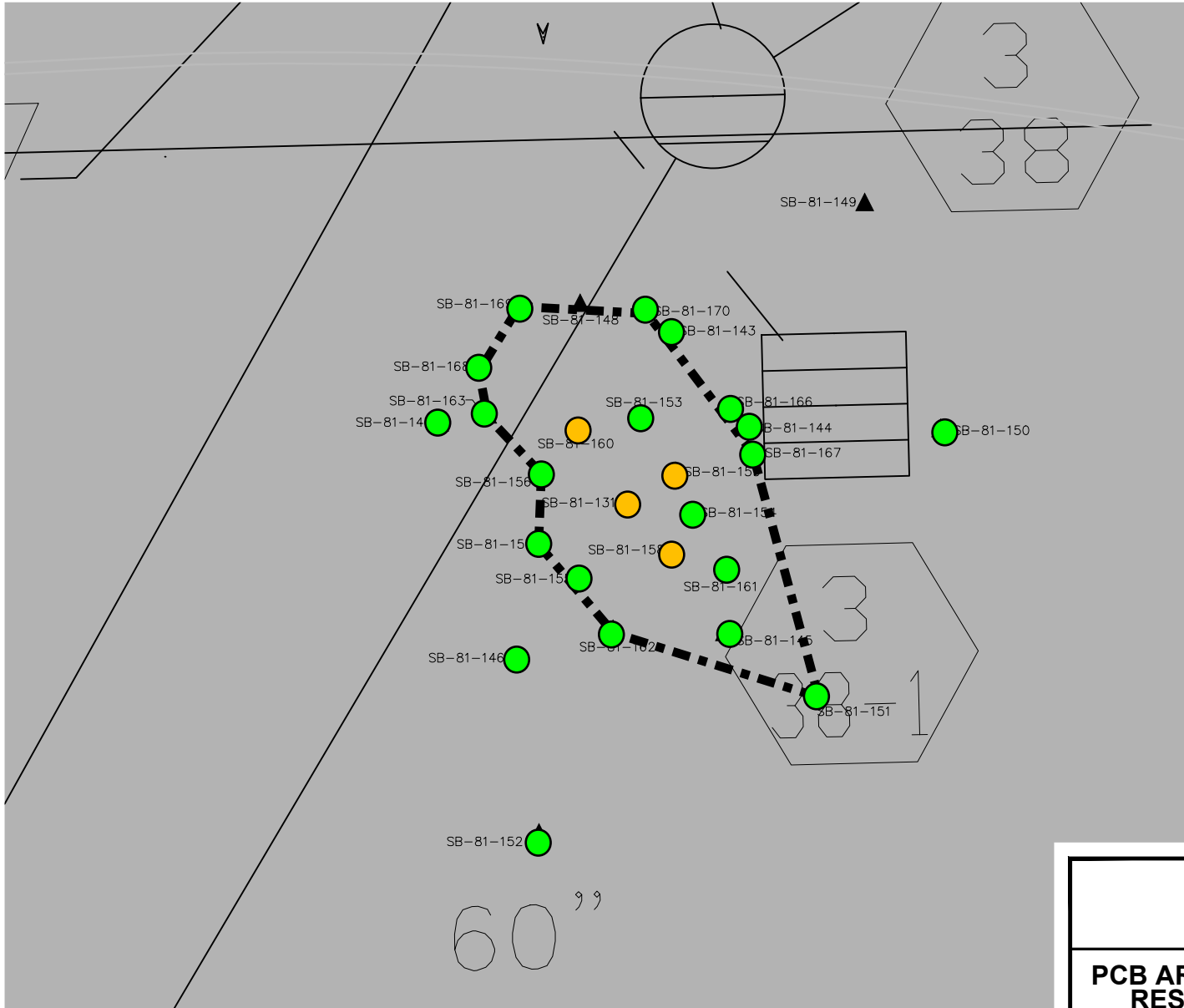
RACER TRUST
 BUICK CITY
 FLINT, MICHIGAN
 761.61(C) ADDENDUM #1

PCB AREA #8C PROPOSED EXTENT OF RESTRICTED AREA - IMPACTS GREATER THAN 25 PPM




FIGURE


6

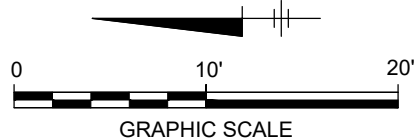


LEGEND:

 EXTENT OF PROPOSED RESTRICTED AREA

 PCBs GREATER THAN 25 PPM

 PCBs LESS THAN OR EQUAL TO 25 PPM



RACER TRUST
 BUICK CITY
 FLINT, MICHIGAN
761.61(C) ADDENDUM #1

PCB AREA #8C PROPOSED EXTENT OF RESTRICTED AREA - LOCATIONS LESS THAN 25 PPM

**Table 1 - Samples Collected From Former Wood Block Areas Not Previously Sampled
RACER Buick City, Flint, Michigan**

Location ID:		CC-83/84-15	CC-83/84-39	CC-83/84-40	CC-83/84-42	CC-83/84-47
Sample Depth(inches):		0-1	0-1	0-1	0-1	0-1
Date Collected:		10/30/23	11/06/23	11/06/23	11/06/23	11/06/23
PCB						
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.8	0.33 U	0.33 U	0.4	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33

Notes

U - Analyte not detected. Associated value is reporting limit.

t

**Table 2 - PCB Area #22 - Impacts Greater Than 1 PPM
RACER Buick City, Flint, Michigan**

Location ID:		CC-83/84-03	CC-83/84-05	CC-83/84-06	CC-83/84-06	CC-83/84-10	CC-83/84-12	CC-83/84-13	CC-83/84-14	CC-83/84-33
Sample Depth(inches):		0-1	0-1	0-1	8-12	0-1	0-1	0-1	0-1	0-1
Date Collected:	Units	10/18/23	10/18/23	10/18/23	11/13/23	10/20/23	10/30/23	10/30/23	10/30/23	10/30/23

PCB										
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	1 UY	1 UY	1 UY	0.33 U	0.33 U	0.5 UY	1 UY	0.5 UY
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	1 UY	1 UY	1 UY	0.33 U	0.33 U	0.5 UY	1 UY	0.5 UY
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	1 UY	1 UY	1 UY	0.33 U	0.33 U	0.5 UY	1 UY	0.5 UY
Aroclor-1242 (PCB-1242)	mg/kg	1.3	8 Y	10 Y	6 Y	1.3	1.3	0.5 UY	7 Y	0.5 UY
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	1 UY	1 UY	1 UY	0.33 U	0.33 U	3.9 Y	1 UY	1.4 Y
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	1 UY	1 UY	1 UY	0.33 U	0.33 U	0.5 UY	1 UY	0.5 UY
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	1 UY	1 UY	1 UY	0.33 U	0.33 U	0.5 UY	1 UY	0.5 UY

Location ID:		CC-83/84-43	CC-83/84-108
Sample Depth(inches):		0-1	0-1
Date Collected:	Units	11/06/23	11/13/23

PCB			
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	2.1	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	1.1
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U

Notes

U - Analyte not detected. Associated value is reporting limit.
Y - Elevated reporting limit due to high target concentration

**Table 3 - PCB Area #22 - Delineation Samples
RACER Buick City, Flint, Michigan**

Location ID: Sample Depth(inches): Date Collected:	Units	CC-83/84-02 0-1 10/18/23	CC-83/84-09 0-1 10/20/23	CC-83/84-16 0-1 10/30/23	CC-83/84-21 0-1 10/30/23	CC-83/84-31 0-1 10/30/23	CC-83/84-34 0-1 10/30/23	CC-83/84-37 0-1 11/06/23	CC-83/84-38 0-1 11/06/23	CC-83/84-41 0-1 11/06/23
PCB										
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.4	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.7	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Location ID: Sample Depth(inches): Date Collected:	Units	CC-83/84-44 0-1 11/06/23	CC-83/84-45 0-1 11/06/23	CC-83/84-98 0-1 11/13/23	CC-83/84-99 0-1 11/13/23	CC-83/84-100 0-1 11/13/23	CC-83/84-101 0-1 11/13/23	CC-83/84-104 0-1 11/13/23	CC-83/84-105 0-1 11/13/23	FLR-092 8-9 11/13/23
PCB										
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.53	0.79	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

**Table 4 - PCB Area #23 - Delineation Samples
RACER Buick City, Flint, Michigan**

Location ID:		CC-83/84-106	CC-83/84-107
Sample Depth(inches):		0-1	0-1
Date Collected:		11/13/23	11/13/23
PCB			
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U

Notes

U - Analyte not detected. Associated value is reporting limit.

**Table 5 - PCB Area #24 - Impacts Greater Than 1 PPM
RACER Buick City, Flint, Michigan**

Location ID:		CC-83/84-30	CC-83/84-54
Sample Depth(inches):		0-1	0-1
Date Collected:		10/30/23	11/06/23
PCB			
Aroclor-1016 (PCB-1016)	mg/kg	1 UY	1.5 UY
Aroclor-1221 (PCB-1221)	mg/kg	1 UY	1.5 UY
Aroclor-1232 (PCB-1232)	mg/kg	1 UY	1.5 UY
Aroclor-1242 (PCB-1242)	mg/kg	1 UY	1.5 UY
Aroclor-1248 (PCB-1248)	mg/kg	1 UY	1.5 UY
Aroclor-1254 (PCB-1254)	mg/kg	6.8 Y	6 Y
Aroclor-1260 (PCB-1260)	mg/kg	1 UY	1.5 UY

Notes

U - Analyte not detected. Associated value is reporting limit.
Y - Elevated reporting limit due to high target concentration

**Table 6 - PCB Area #24 - Delienation Samples
RACER Buick City, Flint, Michigan**

Location ID:		CC-83/84-55	CC-83/84-56	CC-83/84-57	CC-83/84-92	CC-83/84-93
Sample Depth(inches):		0-1	0-1	0-1	0-1	0-1
Date Collected:		11/06/23	11/06/23	11/06/23	11/13/23	11/13/23
PCB						
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.4	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

Notes

U - Analyte not detected. Associated value is reporting limit.

**Table 7 - PCB Area #25 - Impacts Greater Than 1 PPM
RACER Buick City, Flint, Michigan**

Location ID:		CC-83/84-22	CC-83/84-22	CC-83/84-23	CC-83/84-24	CC-83/84-51	CC-83/84-97	CC-83/84-109	CC-83/84-110	CC-83/84-111
Sample Depth(inches):		0-1	8-12	0-1	0-1	0-1	0-1	0 - 1	0 - 1	0 - 1
Date Collected:		10/30/23	11/13/23	10/30/23	10/30/23	11/06/23	11/13/23	12/04/23	12/04/23	12/04/23

PCB										
Aroclor-1016 (PCB-1016)	mg/kg	10 UY	21 UY	0.33 U	3 UY	0.33 U	0.33 U	0.5 UY	0.5 UY	3 UY
Aroclor-1221 (PCB-1221)	mg/kg	10 UY	21 UY	0.33 U	3 UY	0.33 U	0.33 U	0.5 UY	0.5 UY	3 UY
Aroclor-1232 (PCB-1232)	mg/kg	10 UY	21 UY	0.33 U	3 UY	0.33 U	0.33 U	0.5 UY	0.5 UY	3 UY
Aroclor-1242 (PCB-1242)	mg/kg	10 UY	21 UY	0.33 U	3 UY	0.33 U	0.33 U	0.5 UY	0.5 UY	3 UY
Aroclor-1248 (PCB-1248)	mg/kg	10 UY	21 UY	1.5	9 Y	0.33 U	0.33 U	0.5 UY	0.5 UY	3 UY
Aroclor-1254 (PCB-1254)	mg/kg	62 Y	97 Y	0.33 U	3 UY	1.2	3.1	1.2 Y	2 Y	16 Y
Aroclor-1260 (PCB-1260)	mg/kg	10 UY	21 UY	0.33 U	3 UY	0.33 U	0.33 U	0.5 UY	0.5 UY	3 UY

Location ID:		CC-83/84-111	CC-83/84-112	CC-83/84-113	CC-83/84-114	CC-83/84-115	CC-83/84-116	CC-83/84-117	CC-83/84-118	FLR-044
Sample Depth(inches):		5 - 8	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	8-12
Date Collected:		12/04/23	12/04/23	12/20/24	12/20/24	12/20/24	12/20/24	12/20/24	12/20/24	11/13/23

PCB										
Aroclor-1016 (PCB-1016)	mg/kg	1.5 UY	2 UY	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.50 U
Aroclor-1221 (PCB-1221)	mg/kg	1.5 UY	2 UY	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.50 U
Aroclor-1232 (PCB-1232)	mg/kg	1.5 UY	2 UY	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.50 U
Aroclor-1242 (PCB-1242)	mg/kg	1.5 UY	2 UY	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.50 U
Aroclor-1248 (PCB-1248)	mg/kg	1.5 UY	2 UY	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.50 U
Aroclor-1254 (PCB-1254)	mg/kg	13 Y	18 Y	23	8.5	2.7	4.2	4.9	140	1.6
Aroclor-1260 (PCB-1260)	mg/kg	1.5 UY	2 UY	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.50 U

Notes

U - Analyte not detected. Associated value is reporting limit.
Y - Elevated reporting limit due to high target concentration

**Table 8 - PCB Area #25 - Delienation Samples
RACER Buick City, Flint, Michigan**

Location ID:		CC-83/84-25	CC-83/84-26	CC-83/84-27	CC-83/84-48	CC-83/84-49	CC-83/84-50	CC-83/84-53	CC-83/84-71	CC-83/84-72
Sample Depth(inches):		0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1
Date Collected:		10/30/23	10/30/23	10/30/23	11/06/23	11/06/23	11/06/23	11/06/23	11/06/23	11/06/23

PCB										
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.8	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

Location ID:		CC-83/84-90	CC-83/84-91	CC-83/84-94	CC-83/84-95	CC-83/84-96
Sample Depth(inches):		0-1	0-1	0-1	0-1	0-1
Date Collected:		11/13/23	11/13/23	11/13/23	11/13/23	11/13/23

PCB						
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.44	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

Notes

U - Analyte not detected. Associated value is reporting limit.

**Table 9 - PCB Area #25 - Samples Collected at Detph - No Detections
RACER Buick City, Flint, Michigan**

Location ID:		CC-83/84-109	CC-83/84-110	CC-83/84-112
Sample Depth(inches):		8 - 12	5 - 8	5 - 8
Date Collected:		12/04/23	12/04/23	12/04/23
PCB				
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U	0.33 U

Notes

U - Analyte not detected. Associated value is reporting limit.

**Table 10 - PCB Area #26 - Delienation Sample
RACER Buick City, Flint, Michigan**

Location ID:		CC-83/84-58
Sample Depth(inches):		0-1
Date Collected:	Units	11/06/23
PCB		
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U

Notes

U - Analyte not detected. Associated value is reporting limit.

**Table 11 - PCB Areas #8B and #8C - Delineation of Impact at SB-81-131
RACER Buick City Site, Flint, Michigan**

Location ID: Sample Depth(ft): Date Collected:	Units	SB-81-131 1 - 3 09/08/23	SB-81-131 3 - 5 09/08/23	SB-81-131 5 - 7 09/08/23	SB-81-131 7 - 9 09/08/23	SB-81-143 0 - 1 11/02/23	SB-81-143 1 - 2.5 11/02/23	SB-81-144 0 - 1 11/02/23	SB-81-144 1 - 3 11/02/23	SB-81-144 3 - 5 11/02/23	SB-81-145 0 - 1 11/02/23	SB-81-145 1 - 3 11/02/23
Aroclor-1016 (PCB-1016)	mg/kg	6 UY	0.33 U	0.33 U	0.33 U	0.33 U	1 UY	0.33 U	0.33 U	0.33 U	3 UY	1 UY
Aroclor-1221 (PCB-1221)	mg/kg	6 UY	0.33 U	0.33 U	0.33 U	0.33 U	1 UY	0.33 U	0.33 U	0.33 U	3 UY	1 UY
Aroclor-1232 (PCB-1232)	mg/kg	6 UY	0.33 U	0.33 U	0.33 U	0.33 U	1 UY	0.33 U	0.33 U	0.33 U	3 UY	1 UY
Aroclor-1242 (PCB-1242)	mg/kg	6 UY	0.33 U	0.33 U	0.33 U	0.33 U	1 UY	0.33 U	0.33 U	0.33 U	3 UY	1 UY
Aroclor-1248 (PCB-1248)	mg/kg	6 UY	0.33 U	0.33 U	0.33 U	0.33 U	11 Y	0.33 U	0.33 U	0.33 U	3 UY	1 UY
Aroclor-1254 (PCB-1254)	mg/kg	40 Y	1.1	1.6	0.33 U	1.7	1 UY	0.33 U	0.33 U	0.33 U	25 Y	3.8 Y
Aroclor-1260 (PCB-1260)	mg/kg	6 UY	0.33 U	0.33 U	0.33 U	0.33 U	1 UY	0.33 U	0.33 U	0.33 U	3 UY	1 UY

Location ID: Sample Depth(ft): Date Collected:	Units	SB-81-145 3 - 4.5 11/02/23	SB-81-146 0 - 1 11/02/23	SB-81-146 1 - 3 11/02/23	SB-81-146 3 - 5 11/02/23	SB-81-147 1-3 11/02/23	SB-81-150 0 - 1 11/02/23	SB-81-150 1 - 3 11/02/23	SB-81-150 3 - 4 11/02/23	SB-81-151 0 - 1 11/02/23	SB-81-151 1 - 3 11/02/23	SB-81-151 3 - 5 11/02/23
Aroclor-1016 (PCB-1016)	mg/kg	1 UY	0.33 U	0.33 U	3 UY	0.33 U	0.88 UY	0.33 U	0.33 U	0.33 U	0.55 UY	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	1 UY	0.33 U	0.33 U	3 UY	0.33 U	0.88 UY	0.33 U	0.33 U	0.33 U	0.55 UY	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	1 UY	0.33 U	0.33 U	3 UY	0.33 U	0.88 UY	0.33 U	0.33 U	0.33 U	0.55 UY	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	1 UY	0.33 U	0.33 U	3 UY	0.33 U	0.88 UY	0.33 U	0.33 U	0.33 U	0.55 UY	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	1 UY	0.33 U	0.33 U	3 UY	0.33 U	0.88 UY	0.33 U	0.33 U	0.33 U	0.55 UY	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	5 Y	0.33 U	0.33 U	13 Y	1.8 G	1.7 Y	0.61	0.6	0.33 U	1.4 Y	1.3
Aroclor-1260 (PCB-1260)	mg/kg	1 UY	0.33 U	0.33 U	3 UY	0.33 U	0.88 UY	0.33 U	0.33 U	0.33 U	0.55 UY	0.33 U

Location ID: Sample Depth(ft): Date Collected:	Units	SB-81-152 0 - 1 11/02/23	SB-81-152 1 - 3 11/02/23	SB-81-152 3 - 5 11/02/23	SB-81-153 0 - 1 12/07/23	SB-81-153 1 - 3 12/07/23	SB-81-153 3 - 5 12/07/23	SB-81-154 0 - 1 12/07/23	SB-81-154 1 - 3 12/07/23	SB-81-154 3 - 5 12/07/23	SB-81-155 0 - 1 12/07/23	SB-81-155 1 - 2 12/07/23
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	2 UY	2 UY	1 UY	1 UY	0.33 U	0.33 U	3 UY
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	2 UY	2 UY	1 UY	1 UY	0.33 U	0.33 U	3 UY
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	2 UY	2 UY	1 UY	1 UY	0.33 U	0.33 U	3 UY
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	2 UY	2 UY	1 UY	1 UY	0.33 U	0.33 U	3 UY
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	2 UY	2 UY	1 UY	1 UY	0.33 U	0.33 U	3 UY
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	1	0.75	0.7	9 Y	10 Y	6 Y	8 Y	0.7	0.9	14 Y
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	2 UY	2 UY	1 UY	1 UY	0.33 U	0.33 U	3 UY

Location ID: Sample Depth(ft): Date Collected:	Units	SB-81-156 0 - 1 12/07/23	SB-81-156 1 - 3 12/07/23	SB-81-156 3 - 5 12/07/23	SB-81-157 0 - 1 12/07/23	SB-81-157 1 - 3 12/07/23	SB-81-157 3 - 5 12/07/23	SB-81-158 0 - 1 12/07/23	SB-81-158 1 - 3 12/07/23	SB-81-158 3 - 5 12/07/23	SB-81-159 0 - 1 12/07/23	SB-81-159 1 - 3 12/07/23
Aroclor-1016 (PCB-1016)	mg/kg	3 UY	0.8 UY	0.8 UY	0.33 U	0.6 UY	0.33 U	0.33 U	11 UY	0.33 U	0.6 UY	3 UY
Aroclor-1221 (PCB-1221)	mg/kg	3 UY	0.8 UY	0.8 UY	0.33 U	0.6 UY	0.33 U	0.33 U	11 UY	0.33 U	0.6 UY	3 UY
Aroclor-1232 (PCB-1232)	mg/kg	3 UY	0.8 UY	0.8 UY	0.33 U	0.6 UY	0.33 U	0.33 U	11 UY	0.33 U	0.6 UY	3 UY
Aroclor-1242 (PCB-1242)	mg/kg	3 UY	0.8 UY	0.8 UY	0.33 U	0.6 UY	0.33 U	0.33 U	11 UY	0.33 U	0.6 UY	3 UY
Aroclor-1248 (PCB-1248)	mg/kg	3 UY	0.8 UY	0.8 UY	0.33 U	0.6 UY	0.33 U	0.33 U	11 UY	0.5	0.6 UY	3 UY
Aroclor-1254 (PCB-1254)	mg/kg	11 Y	3.3 Y	4 Y	0.33 U	4.7 Y	0.9	2.2	64 Y	0.33 U	1.4 Y	25 Y
Aroclor-1260 (PCB-1260)	mg/kg	3 UY	0.8 UY	0.8 UY	0.33 U	0.6 UY	0.33 U	0.33 U	11 UY	0.33 U	0.6 UY	3 UY

**Table 11 - PCB Areas #8B and #8C - Delineation of Impact at SB-81-131
RACER Buick City Site, Flint, Michigan**

Location ID: Sample Depth(ft): Date Collected:	Units	SB-81-159 3 - 5 12/07/23	SB-81-160 0 - 1 12/07/23	SB-81-160 1 - 3 12/07/23	SB-81-160 3 - 5 12/07/23	SB-81-161 0 - 1 12/20/23	SB-81-161 1 - 3 12/20/23	SB-81-161 3 - 5 12/20/23	SB-81-162 0 - 1 12/20/23	SB-81-162 1 - 3 12/20/23	SB-81-162 3 - 5 12/20/23	SB-81-163 0 - 1 12/20/23
Aroclor-1016 (PCB-1016)	mg/kg	6 UY	0.33 U	5 UY	1 UY	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	6 UY	0.33 U	5 UY	1 UY	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	6 UY	0.33 U	5 UY	1 UY	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	6 UY	0.33 U	5 UY	1 UY	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	6 UY	0.33 U	5 UY	1 UY	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	30 Y	0.33 U	33 Y	2.2 Y	0.6	4.3 Y	1.1	0.33 U	4.7 Y	2.7	2.3 Y
Aroclor-1260 (PCB-1260)	mg/kg	6 UY	0.33 U	5 UY	1 UY	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

Location ID: Sample Depth(ft): Date Collected:	Units	SB-81-163 1 - 3 12/20/23	SB-81-163 3 - 5 12/20/23	SB-81-166 0 - 1 12/20/23	SB-81-166 1 - 3 12/20/23	SB-81-166 3 - 4.5 12/20/23	SB-81-167 0 - 1 12/20/23	SB-81-167 1 - 3 12/20/23	SB-81-167 3 - 5 12/20/23	SB-81-168 0 - 1 12/20/23	SB-81-168 1 - 3 12/20/23	SB-81-168 3 - 5 12/20/23
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	2.7	0.4	0.33 U	0.9	0.33 U	0.33 U	0.33 U	0.33	0.33 U	25 Y	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

Location ID: Sample Depth(ft): Date Collected:	Units	SB-81-169 0 - 1 12/20/23	SB-81-169 1 - 2.5 12/20/23	SB-81-170 0 - 1 12/20/23	SB-81-170 1 - 3 12/20/23	SB-81-170 3 - 4.5 12/20/23
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	6.4 Y	0.33 U	1.6	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

Notes

G -Estimated result due to extraction run outside of holding time.

U - Analyte not detected. Associated value is reporting limit.

Y - Elevated reporting limit due to high target concentration

ATTACHMENT A

OBG 2007 Facility Environmental Assessment



GENERAL MOTORS CORPORATION
Powertrain Flint North
Flint, MI
FACILITY ENVIRONMENTAL ASSESSMENT UPDATE

TABLE 4 - SAMPLE RESULTS - PCB DELINEATION SAMPLES

DELINEATION SAMPLE ID	BUILDING	DELINEATION AREA	Individual Aroclor Concentrations (ug/kg)							TOTAL PCB CONCENTRATION (mg/kg)
			PCB-1016	PCB-1242	PCB-1221	PCB-1232	PCB-1248	PCB-1254	PCB-1260	
FLR-024	66	Area 4	<330	<330	<330	<330	<330	<330	<330	ND*
FLR-025	66	Area 4	<330	<330	<330	<330	<330	1000	<330	1.00
FLR-026	66	Area 4	<330	<330	<330	<330	<330	500	<330	0.50
FLR-027	66	Area 5	<330	<330	<330	<330	850	<330	<330	0.85
FLR-028	66	Area 5	<330	<330	<330	<330	1100	<330	<330	1.10
FLR-029	66	Area 5	<330	<330	<330	<330	<330	<330	<330	ND
FLR-030	66	Area 5	<330	<330	<330	<330	<330	<330	<330	ND
FLR-031	66	Area 5	<330	<330	<330	<330	450	<330	<330	0.45
FLR-032	66	Area 5	<330	<330	<330	<330	<330	700	<330	0.70
FLR-033	66	Area 5	<330	<330	<330	<330	900	<330	<330	0.90
FLR-034	66	Area 6	<330	<330	<330	<330	<330	400	<330	0.40
FLR-035	66	Area 6	<330	<330	<330	<330	<330	2500	<330	2.50
FLR-036	66	Area 6	<330	<330	<330	<330	<330	<330	<330	ND
FLR-037	66	Area 6	<330	<330	<330	<330	<330	500	<330	0.50
FLR-038	66	Area 6	<330	<330	<330	<330	<330	<330	<330	ND
FLR-039	66	Area 6	<330	<330	<330	<330	<330	400	<330	0.40
FLR-040	66	Area 6	<330	<330	<330	<330	<330	300	<330	0.30
FLR-041	66	Area 7	<330	<330	<330	<330	500	<330	<330	0.50
FLR-042	66	Area 7	<500	<500	<500	<500	3700	<500	<500	3.70
FLR-043	66	Area 7	<330	<330	<330	<330	1200	<330	<330	1.20
FLR-044	66	Area 7	<1000	<1000	<1000	<1000	17000	<1000	<1000	17.00
FLR-045	66	Area 7	<330	<330	<330	<330	1300	<330	<330	1.30
FLR-046	66	Area 3	<330	<330	<330	<330	<330	<330	<330	ND
FLR-047	66	Area 3	<330	<330	<330	<330	<330	<330	<330	ND
FLR-048	66	Area 3	<330	<330	<330	<330	<330	300	<330	0.30
FLR-049	66	Area 3	<330	<330	<330	<330	<330	<330	<330	ND
FLR-050	66	Area 1	<1000	<1000	<1000	<1000	<1000	1000	<1000	1.00
FLR-051	66	Area 1	<330	<330	<330	<330	<330	<330	<330	ND
FLR-052	66	Area 1	<330	<330	<330	<330	<330	<330	<330	ND
FLR-053	66	Area 1	<330	<330	<330	<330	<330	330	<330	0.33
FLR-054	66	Area 1	<1000	<1000	<1000	<1000	<1000	<1000	<1000	ND
FLR-055	66	Area 2	<330	<330	<330	<330	<330	500	<330	0.50
FLR-056	66	Area 2	<330	<330	<330	<330	<330	<330	<330	ND
FLR-057	66	Area 2	<330	<330	<330	<330	<330	<330	<330	ND
FLR-058	66	Area 2	<330	<330	<330	<330	<330	<330	<330	ND
FLR-059	66	Area 2	<330	<330	<330	<330	<330	<330	<330	ND

GENERAL MOTORS CORPORATION
Powertrain Flint North
Flint, MI
FACILITY ENVIRONMENTAL ASSESSMENT UPDATE

TABLE 4 - SAMPLE RESULTS - PCB DELINEATION SAMPLES

DELINEATION SAMPLE ID	BUILDING	DELINEATION AREA	Individual Aroclor Concentrations (ug/kg)							TOTAL PCB CONCENTRATION (mg/kg)
			PCB-1016	PCB-1242	PCB-1221	PCB-1232	PCB-1248	PCB-1254	PCB-1260	
FLR-060	66	Area 2	<330	<330	<330	<330	<330	<330	<330	ND
FLR-061	66	Area 2	<330	<330	<330	<330	<330	350	<330	0.35
FLR-062	66	Area 2	<330	<330	<330	<330	<330	400	<330	0.40
FLR-063	66	Area 2	<330	<330	<330	<330	<330	400	<330	0.40
FLR-064	66A	Area 8	<330	<330	<330	<330	<330	<330	<330	ND
FLR-065	66A	Area 8	<330	<330	<330	<330	<330	<330	<330	ND
FLR-066	66A	Area 8	<330	<330	<330	<330	<330	<330	<330	ND
FLR-067	66A	Area 8	<330	<330	<330	<330	<330	<330	<330	ND
FLR-068	66A	Area 8	<330	<330	<330	<330	<330	<330	<330	ND
FLR-069	66A	Area 9	<330	<330	<330	<330	<330	<330	<330	ND
FLR-070	66A	Area 9	<330	<330	<330	<330	<330	<330	<330	ND
FLR-071	66A	Area 9	<330	<330	<330	<330	<330	<330	<330	ND
FLR-072	66A	Area 9	<330	<330	<330	<330	<330	<330	<330	ND
FLR-073	11	Area 15	<330	<330	<330	<330	<330	<330	<330	ND
FLR-074	11	Area 15	<330	<330	<330	<330	<330	<330	<330	ND
FLR-075	11	Area 15	<330	<330	<330	<330	<330	<330	<330	ND
FLR-076	11	Area 15	<330	<330	<330	<330	<330	<330	<330	ND
FLR-077	11	Area 15	<330	<330	<330	<330	<330	<330	<330	ND
FLR-078	11	Area 15	<330	<330	<330	<330	<330	<330	<330	ND
FLR-079	11	Area 14	<330	<330	<330	<330	<330	<330	<330	ND
FLR-080	11	Area 14	<330	<330	<330	<330	<330	<330	<330	ND
FLR-081***	11	Area 14	<3000	<3000	<3000	<3000	<3000	<3000	<3000	3.00
FLR-082	11	Area 14	<330	<330	<330	<330	<330	<330	<330	ND
FLR-083	11	Area 14	<330	<330	<330	<330	<330	<330	<330	ND
FLR-084	11	Area 14	<330	<330	<330	<330	<330	390	<330	0.39
FLR-085	11	Area 14	<330	<330	<330	<330	<330	<330	<330	ND
FLR-086	11	Area 14	<330	<330	<330	<330	<330	<330	<330	ND
FLR-087	11	Area 13	<330	1000	<330	<330	<330	<330	<330	1.00
FLR-088	11	Area 13	<330	<330	<330	<330	300	<330	<330	0.30
FLR-089	11	Area 13	<500	<500	<500	<500	3500	<500	<500	3.50
FLR-090	11	Area 13	<500	<500	<500	<500	4000	<500	<500	4.00
FLR-091	11	Area 13	<330	<330	<330	<330	1400	<330	<330	1.40
FLR-092	11	Area 12	<2500	16000	<2500	<2500	<2500	<2500	<2500	16.00
FLR-093	11	Area 12	<500	<500	<500	<500	8500	<500	<500	8.50
FLR-094	11	Area 12	<330	<330	<330	<330	700	<330	<330	0.70
FLR-095	11	Area 12	<500	<500	<500	<500	7500	<500	<500	7.50

GENERAL MOTORS CORPORATION
Powertrain Flint North
Flint, MI
FACILITY ENVIRONMENTAL ASSESSMENT UPDATE

TABLE 4 - SAMPLE RESULTS - PCB DELINEATION SAMPLES

DELINEATION SAMPLE ID	BUILDING	DELINEATION AREA	Individual Aroclor Concentrations (ug/kg)							TOTAL PCB CONCENTRATION (mg/kg)
			PCB-1016	PCB-1242	PCB-1221	PCB-1232	PCB-1248	PCB-1254	PCB-1260	
FLR-096	11	Area 12	<500	<500	<500	<500	5000	<500	<500	5.00
FLR-097	11	Area 11	<330	<330	<330	<330	<330	<330	<330	ND
FLR-098	11	Area 11	<330	<330	<330	<330	<330	<330	<330	ND
FLR-099	11	Area 11	<330	<330	<330	<330	<330	<330	<330	ND
FLR-100	11	Area 11	<330	<330	<330	<330	<330	<330	<330	ND
FLR-101	11	Area 11	<330	<330	<330	<330	<330	<330	<330	ND
FLR-102	11	Area 11	<330	<330	<330	<330	<330	<330	<330	ND
FLR-103	11	Area 11	<330	<330	<330	<330	<330	<330	<330	ND
FLR-104	11	Area 11	<330	<330	<330	<330	<330	600	<330	0.60
FLR-105	11	Area 11	<330	<330	<330	<330	<330	700	<330	0.70
FLR-106	11	Area 10	<330	<330	<330	<330	<330	<330	<330	ND
FLR-107	11	Area 10	<330	<330	<330	<330	<330	<330	<330	ND
FLR-108	11	Area 10	<330	<330	<330	<330	<330	<330	<330	ND
FLR-109	11	Area 10	<330	<330	<330	<330	<330	400	<330	0.40
FLR-110	11	Area 10	<330	<330	<330	<330	<330	<330	<330	ND
FLR-111	11	Area 10	<330	<330	<330	<330	<330	<330	<330	ND
FLR-112	11	Area 17	<330	<330	<330	<330	<330	<330	<330	ND
FLR-113	11	Area 17	<330	<330	<330	<330	<330	<330	<330	ND
FLR-114	11	Area 17	<330	<330	<330	<330	<330	<330	<330	ND
FLR-115	11	Area 17	<330	<330	<330	<330	<330	<330	<330	ND
FLR-116	11	Area 16	<330	<330	<330	<330	<330	<330	<330	ND
FLR-117	11	Area 16	<330	<330	<330	<330	<330	<330	<330	ND
FLR-118	11	Area 16	<330	<330	<330	<330	<330	<330	<330	ND
FLR-119	11	Area 16	<330	<330	<330	<330	<330	<330	<330	ND
FLR-120	11	Area 16	<330	<330	<330	<330	440	<330	<330	0.44
FLR-121	11	Area 16	<330	<330	<330	<330	<330	<330	<330	ND
FLR-122	11	Area 16	<330	<330	<330	<330	<330	<330	<330	ND
FLR-123	11	Area 16	<330	<330	<330	<330	<330	<330	<330	ND

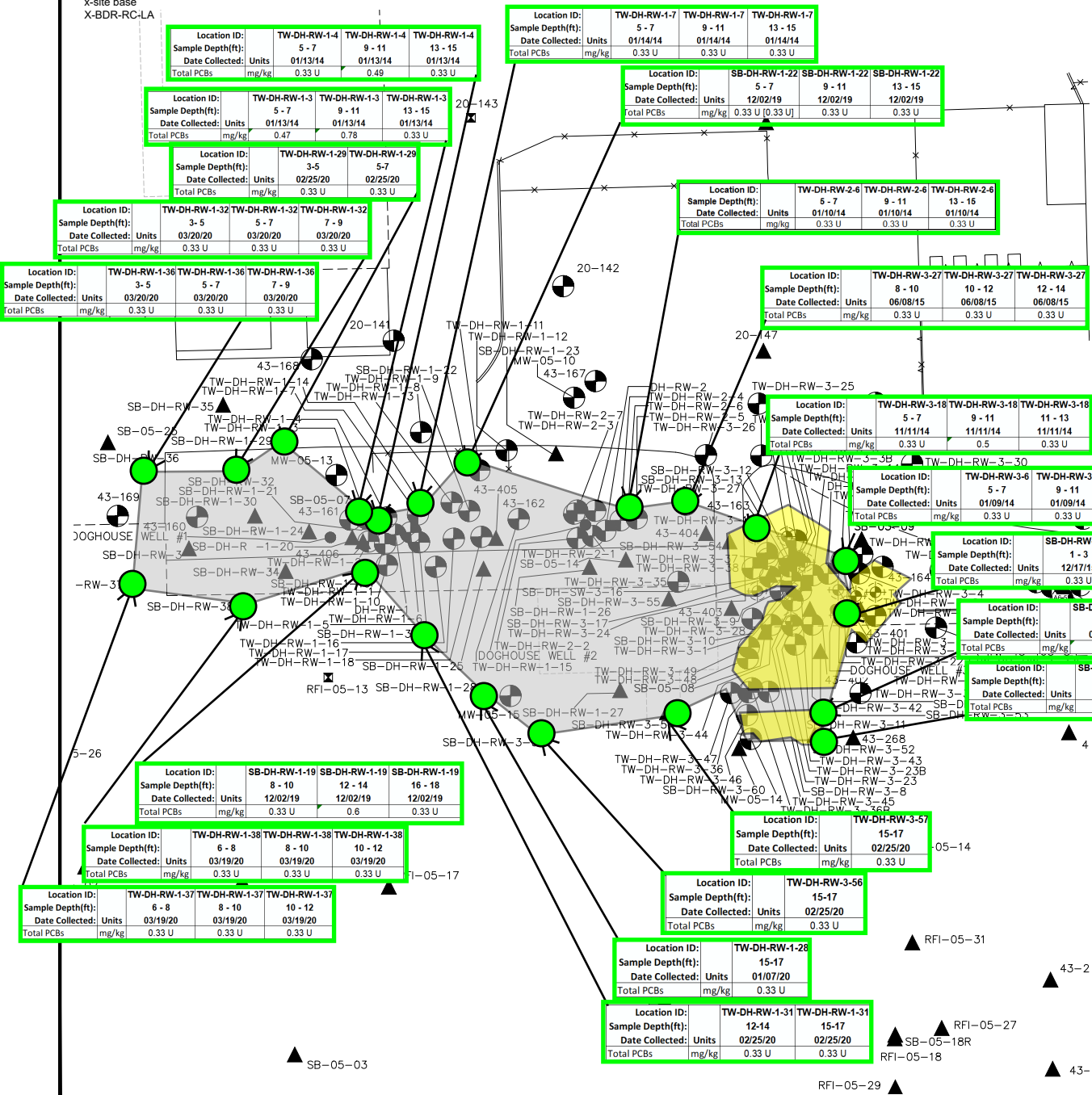
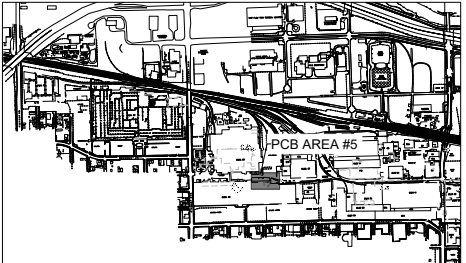
*ND denotes sample non-detect at laboratory detection limit
 **Highlighted entries denote PCB concentrations greater than 1 mg/kg
 ***Sample FLR-081 non-detect at elevated detection limit. Sample result taken as 3.0 mg/kg as opposed to ND.

ATTACHMENT B

761.61(C) Memo - Corrected Figures



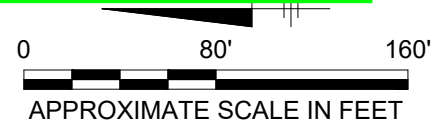
XREFS: IMAGES: PROJECTNAME: ----
 X-SAMPLE NETWORK
 x-site base
 X-BDR-RC-LA



LEGEND:

- APPROXIMATE EXTENT OF PCB AREA
- APPROXIMATE EXTENT OF EXCAVATION
- PCBs LESS THAN 1 PPM

Notes:
 U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit
 Y - Elevated reporting limit due to high target detection limit
 G - Estimated result due to extraction run outside of holding time
 J - Estimated value greater than reporting limit , but greater than MDL



RACER TRUST
 BUICK CITY
 FLINT, MICHIGAN
 EPA 751.61(c) REQUEST

PCB AREA #5 DELINEATION POINTS

Location ID:	RFI-83/84-39	RFI-83/84-39	RFI-83/84-39
Sample Depth(ft):	0.9 - 2.9	1.1 - 3.1	5.1 - 7.1
Date Collected:	03/07/03	03/19/03	03/19/03
Total PCBs	mg/kg 0.038 U	0.036 U	0.037 U

Location ID:	TW-83/84-49-3	TW-83/84-49-3	TW-83/84-49-3	TW-83/84-49-3	TW-83/84-49-3	TW-83/84-49-3
Sample Depth(ft):	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17
Date Collected:	11/15/2013	11/15/2013	11/15/2013	11/15/2013	11/15/2013	11/15/2013
Total PCBs	mg/kg 0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

Location ID:	TW-83/84-49-4	TW-83/84-49-4	TW-83/84-49-4	TW-83/84-49-4	TW-83/84-49-4
Sample Depth(ft):	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17
Date Collected:	11/15/13	11/15/13	11/15/13	11/15/13	11/15/13
Total PCBs	mg/kg 0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

Location ID:	TW-83/84-49-6	TW-83/84-49-6	TW-83/84-49-6	TW-83/84-49-6	TW-83/84-49-6	TW-83/84-49-6
Sample Depth(ft):	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	17 - 19
Date Collected:	11/15/13	11/15/13	11/15/13	11/15/13	11/15/13	11/15/13
Total PCBs	mg/kg 0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

Location ID:	SB-83/84-46
Sample Depth(ft):	3-5
Date Collected:	02/26/20
Total PCBs	mg/kg 0.33 U

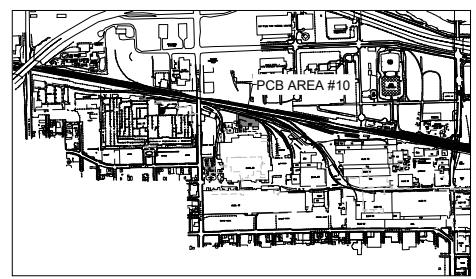
Location ID:	TW-83/84-49-7	TW-83/84-49-7	TW-83/84-49-7	TW-83/84-49-7	TW-83/84-49-7	TW-83/84-49-7
Sample Depth(ft):	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	15 - 17
Date Collected:	11/12/13	11/12/13	11/12/13	11/12/13	11/12/13	11/12/13
Total PCBs	mg/kg 3.6	0.5	0.33 U	0.33 U	0.33 U	0.33 U

Location ID:	SB-83/84-47
Sample Depth(ft):	3-5
Date Collected:	02/26/20
Total PCBs	mg/kg 0.33 U

Location ID:	RFI-83/84-22	RFI-83/84-22	RFI-83/84-22
Sample Depth(ft):	1.1 - 3.1	3.1 - 5.1	7.1 - 9.1
Date Collected:	12/07/01	12/07/01	12/07/01
Total PCBs	mg/kg 0.283	0.098	0.039 U

Location ID:	TW-83/84-49-9	TW-83/84-49-9	TW-83/84-49-9
Sample Depth(ft):	7 - 9	9 - 11	11 - 13
Date Collected:	11/25/2014	11/25/2014	11/25/2014
Total PCBs	mg/kg 0.33 U	0.33 U [0.4]	0.44

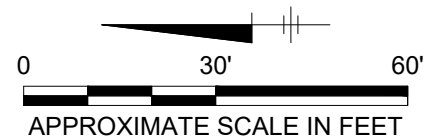
Location ID:	TW-83/84-49-8	TW-83/84-49-8	TW-83/84-49-8
Sample Depth(ft):	7 - 9	9 - 11	11 - 13
Date Collected:	11/25/14	11/25/14	11/25/14
Total PCBs	mg/kg 0.33 U	0.05 b	0.6



LEGEND:

- EXTENT OF PROPOSED RESTRICTED AREA
- LOCATIONS WHERE PCBs ARE GREATER THAN 1 PPM
- LOCATIONS WHERE PCBs ARE LESS THAN 1 PPM

Notes:
 U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit



RACER TRUST
 BUICK CITY
 FLINT, MICHIGAN
 EPA 761.61(c)REQUEST

**PCB AREA #10
 EXCEEDANCE AND DELIENATION
 POINTS**

ARCADIS | Design & Consultancy for natural and built assets

FIGURE **1**