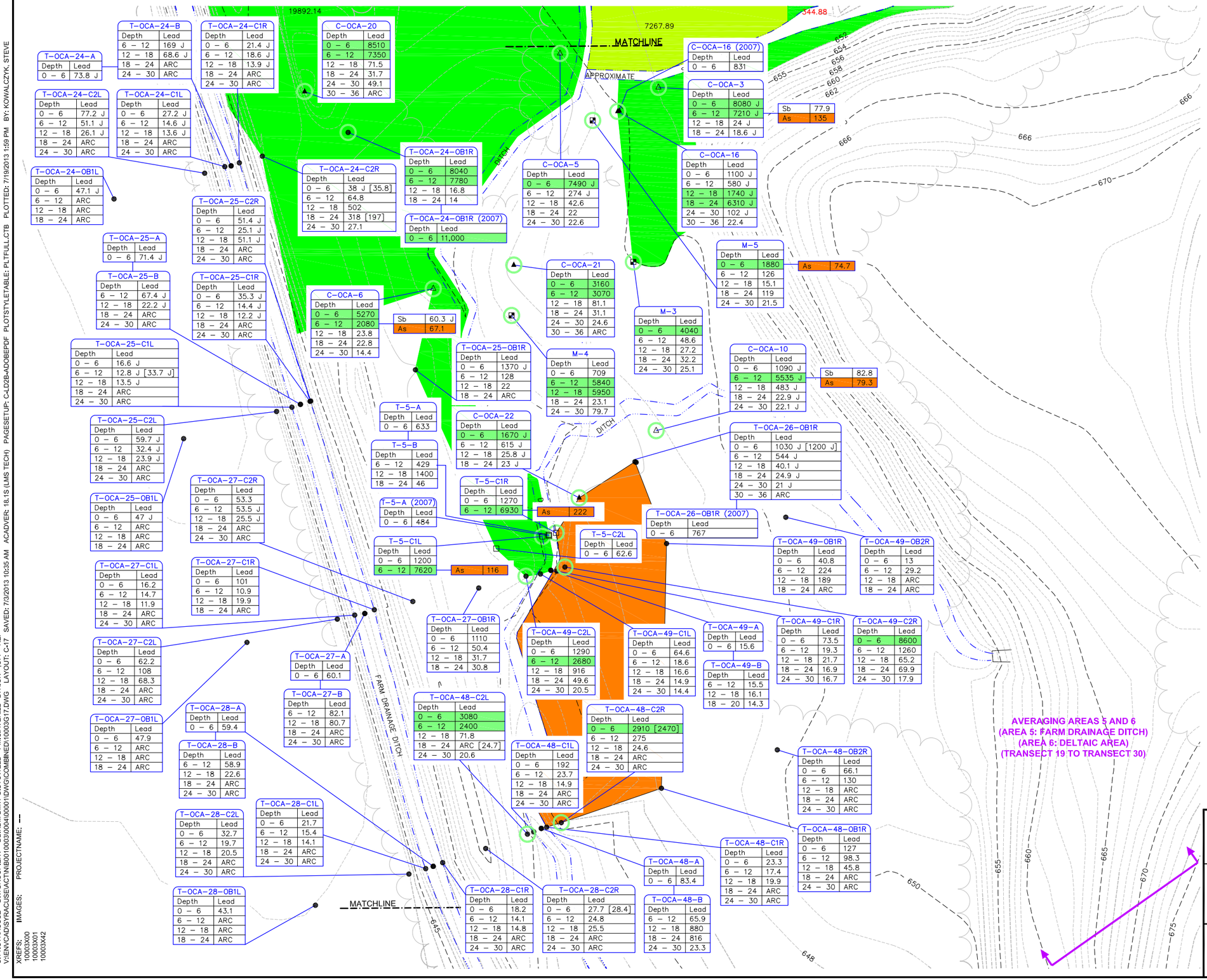
ARCADIS

**Appendix C**

Supporting Documentation for
Remedial Alternatives

Alternative 2 (95% UCL Removal Scenario) Limits of Soil/Sediment Removal




FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

**APPROXIMATE EXCAVATION LIMITS**
**1,505 ppm 95% UCL (SECTION F)**

ARCADIS

FIGURE
**C-17**


CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYRON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\B0010003\0004\00001\DWG\COMBINED\10003G17.DWG LAYOUT: C-17 SAVED: 7/3/2013 10:35 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 1:59 PM BY: KOWALCZYK, STEVE
XREFS: 10003X00 10003X01 10003X42
IMAGES: PROJECTNAME: --

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYRON="OFF"=REF
V:\ENV\CAD\SYRACUSE\ACTIVE\60010003000400001\DWG\COMBINED\10003G18.DWG LAYOUT: C-18 SAVED: 7/3/2013 10:34 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 1:59 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X42

AVERAGING AREA 4
(TRANSECT 1 TO TRANSECT 53)

AVERAGING AREAS 5 AND 6
(AREA 5: FARM DRAINAGE DITCH)
(AREA 6: DELTAIC AREA)
(TRANSECT 19 TO TRANSECT 30)

MATCHLINE

DITCH CENTERLINE

FLAT, DELTA TYPE AREA

STREAM LOCATION APPROXIMATE

1582.68

19892.14

7267.89

| T-OCA-20-A (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 118 |

| T-OCA-20-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 209 |

| T-OCA-20-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 54.9 |
| 6 – 12 | 32.9 |
| 12 – 18 | 25.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-20-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 192 [202] |
| 6 – 12 | 28.4 |
| 12 – 18 | 27.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-20-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 226 |
| 12 – 18 | 54.5 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-20-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 12.8 |
| 6 – 12 | 12.4 |
| 12 – 18 | 11.8 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-20-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 23.8 |
| 6 – 12 | 35.6 |
| 12 – 18 | 44.2 |
| 18 – 24 | 30.3 |
| 24 – 30 | ARC |

| T-OCA-51-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 68.2 |
| 6 – 12 | 31.6 |
| 12 – 18 | 24.7 |
| 18 – 24 | 20.2 |
| 24 – 30 | ARC |

| T-OCA-51-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 386 |

| T-OCA-51-C2L (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 3,600 |

| T-OCA-51-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 21.2 |
| 12 – 18 | 12 |
| 18 – 24 | 10.3 |
| 24 – 30 | ARC |

| T-OCA-51-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 2740 |
| 6 – 12 | 3250 |
| 12 – 18 | 113 |
| 18 – 24 | 20.2 |
| 24 – 30 | ARC |

| T-OCA-51-0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 4390 |
| 6 – 12 | 686 |
| 12 – 18 | 32.4 |
| 18 – 24 | 36.9 |

| T-OCA-51-0B2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 12.7 J |
| 6 – 12 | 13.7 J |
| 12 – 18 | ARC |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-51-0B3L | |
|---|---|
| Depth | Lead |
| 0 – 6 | ARC |
| 6 – 12 | ARC |
| 12 – 18 | ARC |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-2-A (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 40 |

| T-OCA-2-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 83.6 |

| T-OCA-2-C2L (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 64.4 |

| T-OCA-2-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 53.1 |
| 6 – 12 | 29.4 |
| 12 – 18 | 22.3 |

| T-OCA-2-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 80.6 |
| 6 – 12 | 152 |
| 12 – 18 | 144 |

| T-OCA-2-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 16.3 |
| 12 – 18 | 12.3 |

| T-OCA-2-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 254 |
| 6 – 12 | 19.9 |
| 12 – 18 | 17.2 |

| T-OCA-2-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 36.3 |
| 6 – 12 | 22.4 |
| 12 – 18 | 35.2 |

| T-OCA-50-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 137 |

| T-OCA-50-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 4220 |
| 6 – 12 | 77.5 |
| 12 – 18 | 45.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-50-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 32.4 |
| 12 – 18 | 24 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-50-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 4450 |
| 6 – 12 | 121 |
| 12 – 18 | 50.1 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-50-0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 4510 |
| 6 – 12 | 219 |
| 12 – 18 | 42 |
| 18 – 24 | 40.9 |

| T-OCA-50-0B2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 15.1 J |
| 6 – 12 | 15.7 J |
| 12 – 18 | ARC |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-50-0B3L | |
|---|---|
| Depth | Lead |
| 0 – 6 | ARC [10.2 J] |
| 6 – 12 | ARC |
| 12 – 18 | ARC |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| C-OCA-8 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 3640 |
| 6 – 12 | 167 |
| 12 – 18 | 19 |
| 18 – 24 | 28.2 |
| 24 – 30 | 21.7 |

| Sb | 74.7 J |
|---|---|
| As | 92.5 |

| C-OCA-18 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 706 J |
| 6 – 12 | 585 J |
| 12 – 18 | 20.9 J |
| 18 – 24 | 22.9 J |
| 24 – 30 | 21.1 J |

| T-OCA-21-C2L (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 214 |

| T-OCA-21-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 111 |
| 6 – 12 | 29.5 |
| 12 – 18 | 21.3 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-21-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 38.1 [33.9] |
| 6 – 12 | 30.5 |
| 12 – 18 | 27.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-21-0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1830 |
| 6 – 12 | 298 |
| 12 – 18 | 29.4 |
| 18 – 24 | 23 |

| T-OCA-21-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 16.1 |
| 6 – 12 | 14 |
| 12 – 18 | 14.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-21-0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 43 |
| 6 – 12 | ARC |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-21-A (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 81.6[59.2] |

| T-OCA-21-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 90.9 |

| T-OCA-21-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 37.6 |
| 6 – 12 | 17.2 |
| 12 – 18 | 18.3 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-21-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 241 |
| 12 – 18 | 162 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-22-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 36.2 J |
| 6 – 12 | ARC |
| 12 – 18 | ARC |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-22-A (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 46.6 |

| T-OCA-22-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 61.6 |

| T-OCA-22-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 29 J |
| 6 – 12 | 27.5 J |
| 12 – 18 | 21.1 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-22-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 14.3 J |
| 6 – 12 | 14.2 J |
| 12 – 18 | 13.5 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-22-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 32.1 J |
| 12 – 18 | 10.8 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-22-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 52 J |
| 6 – 12 | 13.8 J |
| 12 – 18 | 13.6 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-22-HWL | |
|---|---|
| Depth | Lead |
| 0 – 6 | 25.7 J [25.7 J] |
| 6 – 12 | 22.3 J |
| 12 – 18 | 21.9 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-22-0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 7870 J |
| 6 – 12 | 15000 |
| 12 – 18 | 1230 |
| 18 – 24 | 29.6 |

| T-OCA-22-0B1R (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 11,900 |

| SS0-4/5 | |
|---|---|
| Depth | Lead |
| 0 – 1 | 2730 |
| 2 – 6 | 1340 |

| C-OCA-19 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 10100 J |
| 6 – 12 | 12800 J [12100 J] |
| 12 – 18 | 247 J |
| 18 – 24 | 41.1 J |
| 24 – 30 | 37.3 J |
| 30 – 36 | ARC |

| MD-2 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1230 |

| C-OCA-7 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 7980 |
| 6 – 12 | 491 |
| 12 – 18 | 268 |
| 18 – 24 | 56.1 |

| T-OCA-18-0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 3410 [3600] |
| 6 – 12 | 14400 |
| 12 – 18 | 8680 |
| 18 – 24 | 5370 |
| 24 – 30 | 30.5 |
| 30 – 36 | ARC |

| T-OCA-18-0B1L (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 3,920 |

| SS0-6/7 | |
|---|---|
| Depth | Lead |
| 0 – 1 | 3310 |
| 2 – 6 | 559 |

| MD-1 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 947 |

| C-OCA-4 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 7740 J |
| 6 – 12 | 26.1 J |
| 12 – 18 | 23 J |
| 18 – 24 | 14.4 J |

| C-OCA-17 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 3460 J |
| 6 – 12 | 10500 J |
| 12 – 18 | 155 J |
| 18 – 24 | 26.8 J |

| T-6-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1610 |
| 6 – 12 | 14.5 |

| T-6-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1060 |

| T-6-A (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 270 |

| T-6-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 964 |
| 12 – 18 | 733 |
| 18 – 24 | 781 |
| 24 – 30 | 910 |
| 30 – 36 | 120 |

| T-6-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 14.6 |

| T-OCA-17-0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 704 J |
| 6 – 12 | 594 J |
| 12 – 18 | 424 J |
| 18 – 24 | 210 J |
| 24 – 30 | 36 J |
| 30 – 36 | ARC |

| OS-2 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1160 |

| OS-2 (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 420 |

| C-OCA-15 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1950 [1290] |
| 6 – 12 | 5240 |
| 12 – 18 | 10800 |
| 18 – 24 | 198 |
| 24 – 30 | 24.2 J |
| 30 – 36 | ARC |

| C-OCA-15 (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1,570 |

| T-OCA-23-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 34.4 |
| 6 – 12 | 28.8 J |
| 12 – 18 | 16.9 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-23-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 16.7 |
| 6 – 12 | 12.8 |
| 12 – 18 | 13.1 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-23-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 67.1 [73.4] |
| 6 – 12 | 26.9 |
| 12 – 18 | 25.3 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-23-0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 33.8 |
| 6 – 12 | ARC |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-23-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 60.5 |

| T-OCA-23-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 40 |
| 6 – 12 | 29.6 |
| 12 – 18 | 23.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-23-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 175 |
| 12 – 18 | 118 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-23-0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 12100 J |
| 6 – 12 | 15800 |
| 12 – 18 | 418 |
| 18 – 24 | 46.5 |

| M-1 | | | |
|---|---|---|---|
| Depth | Lead | | |
| 0 – 6 | 6380 | As | 108 |
| 6 – 12 | 2720 | As | 195 |
| 12 – 18 | 145 | As | 50.4 |
| 18 – 24 | 397 | | |
| 24 – 30 | 10.9 | | |

0 20' 40'
GRAPHIC SCALE

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

# APPROXIMATE EXCAVATION LIMITS
# 1,505 ppm 95% UCL (SECTION G)

ARCADIS

FIGURE
C-18

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\B0010003\0004\0001\DWG\COMBINED\10003G19.DWG LAYOUT: C-19 SAVED: 7/3/2013 10:34 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 1:59 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X42

| T-OCA-53-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 75.8 |
| 6 – 12 | 408 |
| 12 – 18 | 66.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-53-OB2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 33.3 |
| 6 – 12 | 39.8 [44.5] |
| 12 – 18 | 19.7 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-53-OB3R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 24.4 |
| 6 – 12 | 22.9 [22] |
| 12 – 18 | 16.8 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| C-OCA-23 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 406 J |
| 6 – 12 | 383 J |
| 12 – 18 | 52.8 J |
| 18 – 24 | 20.2 J |
| 24 – 30 | 16.7 J |

| T-OCA-52-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 113 J |
| 6 – 12 | 57.7 J |
| 12 – 18 | 27.4 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-52-OB2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 578 J |
| 6 – 12 | 925 [938] |
| 12 – 18 | 322 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-52-OB3R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 28.1 |
| 6 – 12 | 22.8 |
| 12 – 18 | 15.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

AVERAGING AREA 4
(TRANSECT 1 TO TRANSECT 53)

| T-OCA-1-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 41.3 |

| T-OCA-1-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 16.9 |
| 12 – 18 | 9.4 |
| 18 – 24 | 9.5 |
| 24 – 30 | 9.5 |
| 30 – 36 | 9.5 |

| T-OCA-1-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 27.2 |
| 6 – 12 | 23.9 |
| 12 – 18 | 22.2 |

| T-OCA-1-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 204 |
| 6 – 12 | 45.1 |
| 12 – 18 | 22.9 |

| T-OCA-1-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 83.1 |
| 6 – 12 | 10.3 |
| 12 – 18 | 11 |

| T-OCA-1-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 45.5 |
| 6 – 12 | 63.4 |
| 12 – 18 | 24.8 |

| T-OCA-19-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 7950 |
| 6 – 12 | 1120 |
| 12 – 18 | 50.4 |
| 18 – 24 | 24 |

| T-OCA-19-OB2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 136 |
| 6 – 12 | 17.1 |
| 12 – 18 | 14.9 |
| 18 – 24 | 14.3 |

1582.68

| C-OCA-9 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 365 |
| 6 – 12 | 79.1 J |
| 12 – 18 | 23.3 J |
| 18 – 24 | 127 J |
| 24 – 30 | 14.4 J |

| SS-01 | |
|---|---|
| Depth | Lead |
| 0 – 2 | 87.8 |

| SS0-2/3 | |
|---|---|
| Depth | Lead |
| 0 – 1 | 1360 |
| 2 – 5 | 3670 |

| T-OCA-19-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 12.7 |
| 6 – 12 | 11.7 |
| 12 – 18 | 11.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-19-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 50.3 |
| 6 – 12 | 32.1 |
| 12 – 18 | 26 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-19-OB1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 60 |
| 6 – 12 | ARC |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-19-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 61.3 |

| T-OCA-19-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 50.5 |
| 12 – 18 | 36.2 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-19-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 21.8 |
| 6 – 12 | 12.2 |
| 12 – 18 | 12.3 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-19-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 52.2 [44] |
| 6 – 12 | 63.1 |
| 12 – 18 | 40.3 |
| 18 – 24 | ARC |
| 24 – 30 | 22.8 |

MATCHLINE

AVERAGING AREAS 5 AND 6
(AREA 5: FARM DRAINAGE DITCH)
(AREA 6: DELTAIC AREA)
(TRANSECT 19 TO TRANSECT 30)

DITCH CENTERLINE

FLAT, DELTA TYPE, AREA
19892.14

0 20' 40'
GRAPHIC SCALE

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

# APPROXIMATE EXCAVATION LIMITS
# 1,505 ppm 95% UCL (SECTION H)

ARCADIS

FIGURE
C-19

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYRON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\NIB0010003\0004\000001\DWG\COMBINED\100003G20.DWG LAYOUT: C-20 SAVED: 7/3/2013 10:35 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 1:59 PM BY: KOWALCZYK, STEVE
XREFS: 10003X00 10003X01 10003X42
IMAGES: PROJECTNAME: --

AVERAGING AREAS 5 AND 6
(AREA 5: FARM DRAINAGE DITCH)
(AREA 6: DELTAIC AREA)
(TRANSECT 19 TO TRANSECT 30)

AVERAGING AREA 3
(TRANSECT 10 TO CSX RAILROAD)

CSX RAILROAD

MATCHLINE

MATCHLINE

| IA–05 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 38.1 |
| 6 – 12 | 83.6 |
| 12 – 18 | 9880 |
| 18 – 24 | 13300 |
| 24 – 30 | 158 |
| 30 – 36 | 17.6 |
| 36 – 42 | 14.5 |
| 42 – 48 | 16.1 |
| 48 – 54 | 94.6 |
| 54 – 60 | 19.4 |
| 60 – 66 | 12.2 |
| 66 – 72 | 7.8 |
| 72 – 78 | 123 |
| 78 – 84 | 15.6 |
| 84 – 90 | 5.1 |

| C–OCA–14 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1890 J |
| 6 – 12 | 1340 J |
| 12 – 18 | 17.5 J |
| 18 – 24 | 14.9 J |
| 24 – 30 | 9.1 J |

| IA–07 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 25.1 |
| 6 – 12 | 9.8 |

| C–OCA–13 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 4550 J |
| 6 – 12 | 7200 J |
| 12 – 18 | 4540 J |
| 18 – 24 | 49 J |
| 24 – 30 | 37.8 J |
| 30 – 36 | ARC |

| IA–11 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 16.9 |
| 6 – 12 | 8.9 |

| IA–10 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 22.5 |
| 6 – 12 | 8.4 |

| IA–06 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 264 |
| 6 – 12 | 30.3 |

2407.63

7267.89

| C–OCA–2 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 9920 J |
| 6 – 12 | 8500 J |
| 12 – 18 | 2310 J |
| 18 – 24 | 17.7 J |
| 24 – 30 | 5.6 J |

| Sb | 61.2 |
|---|---|
| As | 127 |

| IA–04 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 24.4 |
| 6 – 12 | 9.4 |

| IA–03 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 30.7 |
| 6 – 12 | 14.3 |

| C–OCA–1 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 4410 |
| 6 – 12 | 46 |
| 12 – 18 | 116 J |
| 18 – 24 | 7 J |
| 24 – 30 | 16.5 J |

| Sb | 113 |
|---|---|
| As | 103 |

| M–2 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1310 |
| 6 – 12 | 6370 |
| 12 – 18 | 32.3 |
| 18 – 24 | 12.8 |
| 24 – 30 | 129 |

| IA–02 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 26.8 [28.1] |
| 6 – 12 | 10.7 |

| IA–01 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 21.3 |
| 6 – 12 | 12.9 |

| IA–15 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 169 |
| 6 – 12 | 439 |
| 12 – 18 | 1350 |
| 18 – 24 | 2460 |
| 24 – 30 | 85.4 |
| 30 – 36 | 8.8 |

| T–OCA–16–C1L (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 529 |

| T–OCA–16–0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 24.5 |
| 6 – 12 | 16.9 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T–OCA–16–C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1910 |
| 6 – 12 | 843 |
| 12 – 18 | 22.1 |
| 18 – 24 | 31.1 |
| 24 – 30 | 10.7 |

| T–OCA–16–C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 5400 |
| 6 – 12 | 1580 |
| 12 – 18 | 89.7 |
| 18 – 24 | 17.7 |
| 24 – 30 | 15.7 |

| T–OCA–16–A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 174 |

| T–OCA–16–B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 444 |
| 12 – 18 | 1670 |
| 18 – 24 | 60.5 |

| T–OCA–16–C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 611 |
| 6 – 12 | 92.9 |
| 12 – 18 | 7.3 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T–OCA–16–C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 148 |
| 6 – 12 | 15 |
| 12 – 18 | 8.7 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T–OCA–15–0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 37.4 |
| 6 – 12 | 24.4 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T–OCA–16–0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 41.4 [81.3] |
| 6 – 12 | 19.4 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T–OCA–14–C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 985 |
| 6 – 12 | 340 |
| 12 – 18 | 212 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T–OCA–14–C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 918 |
| 6 – 12 | 94.2 |
| 12 – 18 | 23.7 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T–OCA–14–A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 36.9 |

| T–OCA–14–B | |
|---|---|
| Depth | Lead |
| 6 – 8 | 6.9 |

| T–OCA–14–A (2007) | |
|---|---|
| Depth | Lead |
| 0–6 | 158 |

| T–OCA–14–C1R (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 3180 |

| T–OCA–14–C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1050 |
| 6 – 12 | 1960 |

| T–OCA–14–C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 2350 |
| 6 – 12 | 806 |
| 12 – 18 | 75.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

8988.00

1897.46

| T–8–C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 4870 |
| 6 – 12 | 182 |

| T–OCA–15–C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 282 |
| 6 – 12 | 122 |
| 12 – 18 | 13.2 |
| 18 – 24 | ARC |
| 24 – 26 | ARC |

| T–OCA–15–C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1400 |
| 6 – 12 | 2280 |
| 12 – 18 | 2400 |
| 18 – 24 | 3780 |
| 24 – 30 | 3520 |

3026.27

| T–8–A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 136 |

| T–8–B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 105 |

| T–8–C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1570 |
| 6 – 12 | 655 |

| T–OCA–14–0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 28.4 [20.3] |
| 6 – 12 | 14 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T–OCA–15–C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 495 [464] |
| 6 – 12 | 27.5 |
| 12 – 18 | 9.5 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T–OCA–15–0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 27.3 |
| 6 – 12 | 14.8 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T–OCA–15–A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 136 |

| T–OCA–15–B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 116 |
| 12 – 18 | 80.4 |
| 18 – 24 | ARC |

| T–OCA–15–C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 29.3 |
| 6 – 12 | 8.1 |
| 12 – 18 | 19.4 |
| 18 – 24 | ARC |
| 24 – 26 | ARC |

0 20' 40'
GRAPHIC SCALE

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

# APPROXIMATE EXCAVATION LIMITS
# 1,505 ppm 95% UCL (SECTION I)

ARCADIS

FIGURE
C-20

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=REF
V:\ENVCAD\SYRACUSE\ACTIVE\B0010003\0004\0001\DWG\COMBINED\10003G21.DWG LAYOUT: C-21 SAVED: 7/3/2013 10:36 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:00 PM BY: KOWALCZYK, STEVE
XREFS: 10003X00 10003X01 10003X42
IMAGES: --- PROJECTNAME: ---

AVERAGING AREA 3
(TRANSECT 10 TO CSX RAILROAD)

AVERAGING AREA 2
(US HIGHWAY 23 SOUTH TO TRANSECT 9)

MATCHLINE

RNRG, INC.

| T-OCA-10-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 2860 |
| 6 – 12 | 5270 |
| 12 – 18 | 23.4 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-10-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 7820 |
| 6 – 12 | 201 |
| 12 – 18 | 18.8 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-10-C1L (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 323 |

| T-OCA-10-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 968 |
| 12 – 18 | 391 |
| 18 – 20 | ARC |

| T-OCA-10-A (2007) | |
|---|---|
| Depth | Lead |
| 0–6 | 201 |

| T-OCA-10-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1610 |

| T-OCA-10-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 240 [237] |
| 6 – 12 | 17.3 |
| 12 – 18 | 18.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-10-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 36.2 |
| 6 – 12 | 7.8 |
| 12 – 18 | 8.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-9-C1L (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 171 |

| T-OCA-9-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 47.6 |
| 6 – 12 | 10.5 |
| 12 – 18 | 4.8 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-9-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 34.3 |
| 6 – 12 | 27.3 |
| 12 – 18 | 11.1 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-9-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 162 |

| T-OCA-9-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 103 |
| 12 – 18 | 194 |
| 18 – 24 | ARC |

| T-OCA-9-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 133 |
| 6 – 12 | 99.9 |
| 12 – 18 | 11.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-9-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 504 |
| 6 – 12 | 142 |
| 12 – 18 | 375 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-9-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 24.9 [26.9] |
| 6 – 12 | 18.9 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-8-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 26.9 J [27.4 J] |
| 6 – 12 | 12.9 J |
| 12 – 18 | 11.5 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-8-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 407 J |
| 6 – 12 | 9.4 J |
| 12 – 18 | 12.9 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-8-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 120 J |

| T-OCA-8-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 40.7 J |
| 12 – 18 | 23.2 J |
| 18 – 24 | ARC |

| T-OCA-8-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 23.1 J |
| 6 – 12 | 8.9 J |
| 12 – 18 | 10.2 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-8-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 32.4 J |
| 6 – 12 | 15.2 J |
| 12 – 18 | 11 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-8-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 24.7 |
| 6 – 12 | 10.8 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-10-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 34.3 |
| 6 – 12 | 8.2 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-9-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 27.9 |

| T-9-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 2520 |
| 6 – 12 | 442 |

| T-9-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 12.9 |

| T-9-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 15.1 |

| T-9-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 204 |

| T-OCA-7-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 117 |
| 6 – 12 | 215 |
| 12 – 18 | 17.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-7-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 83.7 |
| 6 – 12 | 22.1 |
| 12 – 18 | 412 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-7-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 66.4 |

| T-OCA-7-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 59.3 |
| 12 – 18 | 133 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-7-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 56.2 |
| 6 – 12 | 20.5 |
| 12 – 18 | 9.1 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-7-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 94.6 |
| 6 – 12 | 87.5 |
| 12 – 18 | 88.7 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-7-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 16.8 [26.1] |
| 6 – 12 | 39.4 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-13-0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1020 |
| 6 – 12 | 102 |
| 12 – 18 | 23.8 |
| 18 – 24 | ARC |

| T-OCA-13-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 4290 |
| 6 – 12 | 4000 |
| 12 – 18 | 331 |
| 18 – 24 | ARC |
| 24 – 25 | ARC |

| T-OCA-13-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 357 |
| 6 – 12 | 13.4 |

| T-OCA-13-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 69.3 |

| T-OCA-13-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 6.2 |
| 12 – 18 | 4.3 |

| T-OCA-13-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 8.6 |
| 6 – 12 | 10.9 |
| 12 – 14 | 7.9 |

| T-OCA-13-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 13.3 |
| 6 – 12 | 10.1 |
| 12 – 18 | 5.9 |
| 18 – 24 | ARC |

| T-OCA-13-0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 19.1 [17.8] |
| 6 – 12 | 9.2 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-11-0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 71.8 |
| 6 – 12 | 17.7 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-11-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 5030 |
| 6 – 12 | 132 |
| 12 – 18 | 20.5 |

| T-OCA-11-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1760 |
| 6 – 12 | 178 |
| 12 – 18 | 14.5 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-11-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 625 |

| T-OCA-11-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 14.7 |

| T-OCA-11-A (2007) | |
|---|---|
| Depth | Lead |
| 0–6 | 127 [134] |

| T-OCA-11-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 392 |
| 6 – 12 | 15.3 |
| 12 – 18 | 10.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-11-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 59.9 |
| 6 – 12 | 18.6 |
| 12 – 18 | 13.3 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-11-0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 25.7 [10.3] |
| 6 – 12 | 34.1 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-12-0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 55.3 |
| 6 – 12 | 13.9 |
| 12 – 18 | 6.4 |

| T-OCA-12-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 2580 |
| 6 – 12 | 5060 |
| 12 – 18 | 629 |
| 18 – 20 | 109 |

| T-OCA-12-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 2570 |
| 6 – 12 | 84.8 |
| 12 – 18 | 17.9 |
| 18 – 23 | ARC |

| T-OCA-12-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 174 |

| T-OCA-12-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 97.9 |
| 12 – 18 | 86.3 |

| T-OCA-12-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 6020 |
| 6 – 12 | 3760 |
| 12 – 18 | 259 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-12-C1R (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 3290 |

| T-OCA-12-0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 24.2 [21.6] |
| 6 – 12 | 9 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-12-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 50 |
| 6 – 12 | 13.3 |
| 12 – 18 | 6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| OS-1 | | |
|---|---|---|
| Depth | Lead | |
| 0 – 6 | 216 | As 43.3 |

9046.90
1678.82
8988.00
1897.46

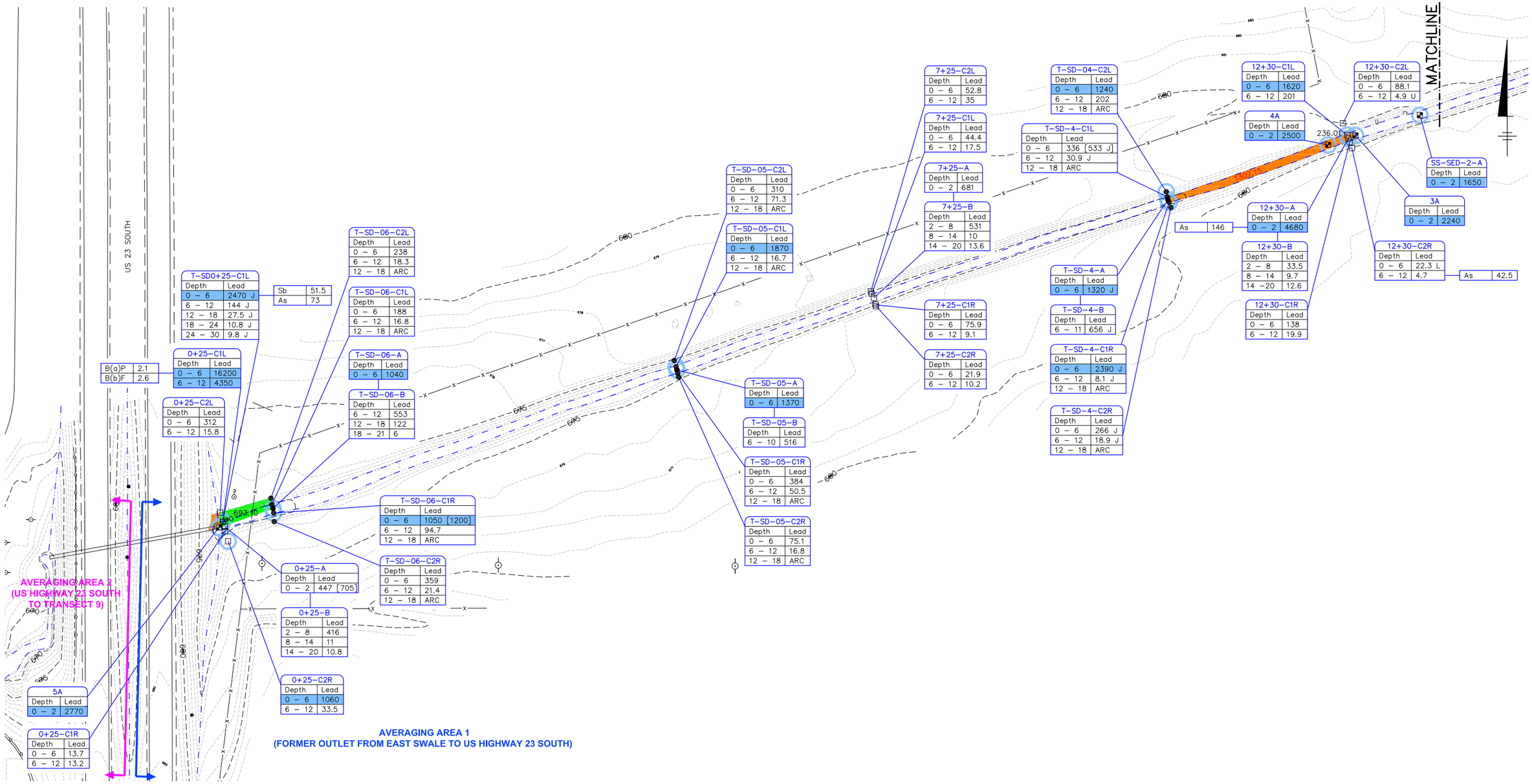
0 20' 40'
GRAPHIC SCALE

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

# APPROXIMATE EXCAVATION LIMITS
# 400 ppm 95% UCL (SECTION J)

ARCADIS

FIGURE
C-21




0 50' 100'
GRAPHIC SCALE

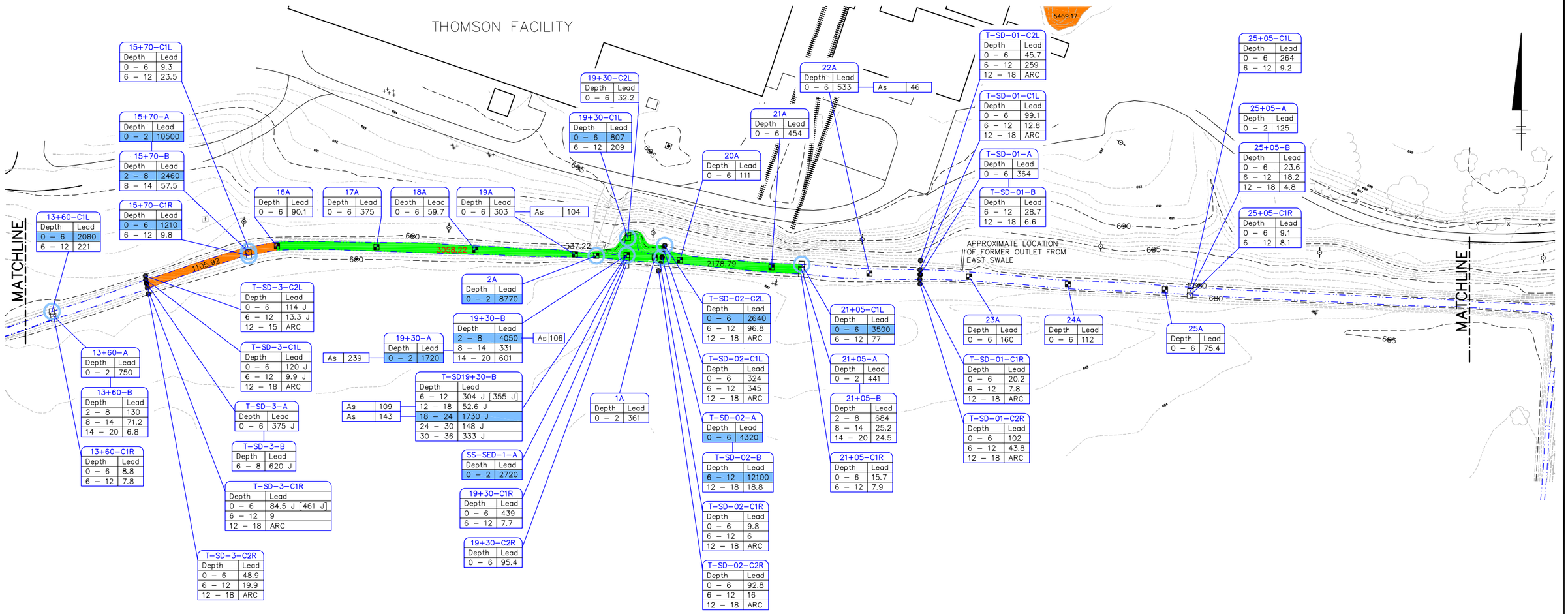
FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

# APPROXIMATE EXCAVATION LIMITS
# 750 ppm 95% UCL (SECTION K)

ARCADIS

FIGURE
**C-22**

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=*REF
V:\ENV\CAD\SYRACUSE\ACTIN\B0010003\0004\00001\DWG\COMBINED\10003G22.DWG LAYOUT: C-22 SAVED: 7/19/2013 11:25 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:00 PM BY: KOWALCZYK, STEVE
XREFS:
10003X00
10003X01
10003X42
IMAGES:
PROJECTNAME: ---




**AVERAGING AREA 1**
**(FORMER OUTLET FROM EAST SWALE TO US HIGHWAY 23 SOUTH)**

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

# APPROXIMATE EXCAVATION LIMITS
# 750 ppm 95% UCL (SECTION L)

ARCADIS

FIGURE
**C-23**

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\60100030004000001\DWG\COMBINED\10003G23.DWG LAYOUT: C-23 SAVED: 7/19/2013 11:25 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:00 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X42

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYR:On=*;OFF=*REF
V:\ENV\CAD\SYRACUSE\ACTIN\B0010003\0004\00001\DWG\COMBINED10003G24.DWG LAYOUT: C-24 SAVED: 7/19/2013 11:26 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:00 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X42

# THOMSON FACILITY

**AVERAGING AREA 1**
**(FORMER OUTLET FROM EAST SWALE TO US HIGHWAY 23 SOUTH)**

| T-ES-1-A | |
|---|---|
| Depth | Lead |
| 0–6 | 17,600 J |

| | |
|---|---|
| Sb | 604 |
| As | 530 |
| F | 8100 |

| T-ES-1-B | |
|---|---|
| Depth | Lead |
| 6–12 | 312 J |
| 12–18 | 968 J |
| 18–24 | 545 J |
| 24–30 | 1,170 J |
| 30–36 | 419 J |

| | |
|---|---|
| Sb | 39.1 |
| Sb | 43.1 |
| As | 73.1 |

| T-ES-1-C1L | |
|---|---|
| Depth | Lead |
| 0–6 | 1,030 J |
| 6–12 | 347 J |
| 12–18 | 289 J [274 J] |

| | |
|---|---|
| As | 58.1 |

| T-ES-1-C1R | |
|---|---|
| Depth | Lead |
| 0–6 | 2,490 J |
| 6–12 | 752 J |
| 12–18 | 550 J |

| | |
|---|---|
| Sb | 79.5 |
| As | 59.7 |

| T-ES-1-C2L | |
|---|---|
| Depth | Lead |
| 0–6 | 83.1 J |
| 6–12 | 33.5 J |
| 12–18 | 15.1 J |

| T-ES-1-C2R | |
|---|---|
| Depth | Lead |
| 0–6 | 57.3 J |
| 6–12 | 57.3 J |
| 12–18 | 28.7 J |

| ED-2-A | |
|---|---|
| Depth | Lead |
| 0–2 | 23,500 |

| ED-2-B | |
|---|---|
| Depth | Lead |
| 6–12 | 674 |

| ED-2-C1L | |
|---|---|
| Depth | Lead |
| 0–6 | 588 |
| 6–12 | 106 |

| | |
|---|---|
| As | 41 |
| As | 42.3 |

| ED-2-C1R | |
|---|---|
| Depth | Lead |
| 0–6 | 895 |
| 6–12 | 445 |

| | |
|---|---|
| As | 33.1 |

| ED-2-C2L | |
|---|---|
| Depth | Lead |
| 0–6 | 613 |

| ED-2-C2R | |
|---|---|
| Depth | Lead |
| 0–6 | 132 |

| ED-1-A | |
|---|---|
| Depth | Lead |
| 0–2 | 1,890 |

| | |
|---|---|
| As | 68.7 |

| ED-1-B | |
|---|---|
| Depth | Lead |
| 6–12 | 48.9 |

| ED-1-C1L | |
|---|---|
| Depth | Lead |
| 0–6 | 882 |
| 6–12 | 44.2 |

| ED-1-C1R | |
|---|---|
| Depth | Lead |
| 0–6 | 12.3 |

| ED-1-C2L | |
|---|---|
| Depth | Lead |
| 0–6 | 152 |

| ED-1-C2R | |
|---|---|
| Depth | Lead |
| 0–6 | 254 |

| | |
|---|---|
| As | 90.4 |

| T-ES-2-A | |
|---|---|
| Depth | Lead |
| 0–6 | 4,640 J |

| | |
|---|---|
| Sb | 121 |
| As | 129 |

| T-ES-2-B | |
|---|---|
| Depth | Lead |
| 6–12 | 266 J |
| 12–18 | 63.9 J |
| 18–24 | 195 J |
| 24–30 | 21.5 J |
| 30–36 | 25.2 J |

| T-ES-2-C1L | |
|---|---|
| Depth | Lead |
| 0–6 | 72.4 J |
| 6–12 | 28.0 J |
| 12–18 | 29.6 J |

| T-ES-2-C1R | |
|---|---|
| Depth | Lead |
| 0–6 | 169 J |
| 6–12 | 216 J |
| 12–18 | 12.9 J |

| T-ES-2-C2L | |
|---|---|
| Depth | Lead |
| 0–6 | 191 J |
| 6–12 | 51.8 J |
| 12–18 | 30.9 J |

| T-ES-2-C2R | |
|---|---|
| Depth | Lead |
| 0–6 | 117 J |
| 6–12 | 20.4 J |
| 12–18 | 183 J |

| T-ES-3-A | |
|---|---|
| Depth | Lead |
| 0–6 | 5,850 J |

| | |
|---|---|
| Sb | 136 |
| As | 160 |

| T-ES-3-B | |
|---|---|
| Depth | Lead |
| 6–12 | 356 J |
| 12–18 | 108 J |
| 18–24 | 392 J |
| 24–30 | 61.7 J |
| 30–36 | 561 J |

| T-ES-3-C1L | |
|---|---|
| Depth | Lead |
| 0–6 | 117 |
| 6–12 | 304 J [179 J] |
| 12–18 | 50.9 J |

| T-ES-3-C1R | |
|---|---|
| Depth | Lead |
| 0–6 | 24.3 J |
| 6–12 | 30.1 J |
| 12–18 | 26.9 J |

| T-ES-3-C2L | |
|---|---|
| Depth | Lead |
| 0–6 | 937 J |
| 6–12 | 23.2 J |
| 12–18 | 333 J |

| T-ES-3-C2R | |
|---|---|
| Depth | Lead |
| 0–6 | 240 J |
| 6–12 | 59.7 J |
| 12–18 | 165 |

| T-ES-4-A | |
|---|---|
| Depth | Lead |
| 0–6 | 1,720 J |

| | |
|---|---|
| As | 51.7 |

| T-ES-4-B | |
|---|---|
| Depth | Lead |
| 6–12 | 5,010 J |
| 12–18 | 115 J |
| 18–24 | 272 J |
| 24–30 | 551 J |
| 30–36 | 540 J |

| | |
|---|---|
| Sb | 39 |
| As | 121.8 |

| T-ES-4-C1L | |
|---|---|
| Depth | Lead |
| 0–6 | 61.6 |
| 6–12 | 58.5 |
| 12–18 | 145 |

| T-ES-4-C1R | |
|---|---|
| Depth | Lead |
| 0–6 | 85.1 J |
| 6–12 | 42.7 J |
| 12–18 | 35.6 J |

| T-ES-4-C2L | |
|---|---|
| Depth | Lead |
| 0–6 | 198 |
| 6–12 | 198 |
| 12–18 | 14.0 |

| T-ES-4-C2R | |
|---|---|
| Depth | Lead |
| 0–6 | 74.5 J |
| 6–12 | 13.6 J |
| 12–18 | 14.2 |

| RC-S6 | |
|---|---|
| Depth | Lead |
| 0–4 | 6,100 |

| | |
|---|---|
| As | 380 |

6978.05

APPROXIMATE LOCATION OF FORMER OUTLET FROM EAST SWALE

0 40' 80'
GRAPHIC SCALE

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

**APPROXIMATE EXCAVATION LIMITS**
**750 ppm 95% UCL (SECTION N)**

ARCADIS

FIGURE
**C-24**

CITY:SYRACUSE DIV/GROUP:ENV DB:KOM DMW G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\60010003000400001\DWG\COMBINED\10003G25.DWG LAYOUT: C-25 SAVED: 7/19/2013 1:56 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:00 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X42

THOMSON FACILITY

**AVERAGING AREA 1**
**(FORMER OUTLET FROM EAST SWALE TO US HIGHWAY 23 SOUTH)**

| EB-19 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 14.0 | 10.0 |
| 30 – 36 | 18.0 | 12.0 |

| EB-26 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 13.0 | <1.0 |
| 30 – 36 | 580 | 24.0 |

| EB-18 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 4,000 [14.0*] | 310 [107*] |
| 30 – 36 | 15.0 [16.0*] | 13.0 [14.5*] |

| EB-27 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 180,000 [64,000*] | 1,700 [570*] |
| 30 – 36 | 2,900 [2,850*] | 87.0 [81.0*] |

| EB-28 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 2,900 | 57.0 |
| 30 – 36 | 3,700 | 49.0 |

| EB-17 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 15.0 | 8.1 |
| 30 – 36 | 340 | 34.0 |

| EB-29 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 2,500 | 21.0 |
| 30 – 36 | 1,400 | 57.0 |

| EB-33 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 170 | 11.0 |
| 30 – 36 | 36.0 | 8.0 |

| EB-25 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 6.5 | <1.1 |
| 30 – 36 | 68.0 | 7.9 |

| EB-24 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 26.0 | 18.0 |
| 30 – 36 | 22.0 | 6.1 |

| EB-23 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 41.0 | 20.0 |
| 30 – 36 | 39.0 | 17.0 |

| EB-20 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 13.0 | 7.3 |
| 30 – 36 | 14.0 | 11.0 |

| EB-22 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 23.0 | 16.0 |
| 30 – 36 | 150 | 23.0 |

| EB-21 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 17.0 | 14.0 |
| 30 – 36 | 110 | 22.0 |

| EB-7 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 2,000 | 76.0 |
| 18 – 24 | 19.0 | 7.7 |

| EB-8 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 190 | 22.0 |
| 18 – 24 | 14.0 | 6.3 |

| EB-6 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 790 | 43.0 |
| 18 – 24 | 510 | 37.0 |

| EB-32 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 13.0 | 9.3 |
| 30 – 36 | 11.0 | 7.2 |

| EB-30 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 16.0 | 4.4 |
| 30 – 36 | 33.0 | 10.0 |

| EB-16 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 21.0 | 7.7 |
| 30 – 36 | 240 | 25.0 |

| EB-31 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 42.0 | <1.0 |
| 18 – 24 | 400 | 46.0 |

| EB-15 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 660 | 35.0 |
| 30 – 36 | 2,000 | 92.0 |

| EB-14 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 24.0 | 8.2 |
| 30 – 36 | 690 | 34.0 |

| EB-12 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 890 | 47.0 |
| 18 – 24 | 540 | 31.0 |

| EB-13 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 15.0 | 8.0 |
| 18 – 24 | 160 | 26.0 |

| EB-1 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 160 | 29.1 |
| 18 – 24 | 10.0 | 10.0 |

| EB-5 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 190 | 25.0 |
| 18 – 24 | 23.0 | 9.2 |

| EB-9 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 330 [305*] | 24.0 [31.5*] |
| 18 – 24 | 4,200 [4,005*] | 260 [259*] |

| EB-4 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 900 | 57.0 |
| 18 – 24 | 380 | 30.0 |

| EB-10 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 17.0 | 9.5 |
| 30 – 36 | 15.0 | 7.8 |

| EB-11 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 18.0 | 9.2 |
| 18 – 24 | 14.0 | 8.0 |

| EB-3 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 22.0 | 14.0 |
| 18 – 24 | 14.0 | 7.2 |

| EB-2 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 16.0 | 9.5 |
| 18 – 24 | 22.0 | 13.0 |

1301.19
3029.16
2021.48

NOTE:

1. SHADED SAMPLE IDs INDICATE SAMPLES COLLECTED FROM PAVED AREAS.

0 40' 80'
GRAPHIC SCALE

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

**APPROXIMATE EXCAVATION LIMITS**
**750 ppm 95% UCL (SECTION N)**
**INCLUDING REMOVAL IN PAVED AREAS**

ARCADIS

FIGURE
**C-25**

CITY:SYRACUSE DIV/GROUP:ENV DB:KOM DMW G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\60010003000400001\DWG\COMBINED\10003G26.DWG LAYOUT: C-26 SAVED: 7/19/2013 1:56 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:00 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X42

THOMSON FACILITY

**AVERAGING AREA 1**
**(FORMER OUTLET FROM EAST SWALE TO US HIGHWAY 23 SOUTH)**

509.81

| EB-19 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 14.0 | 10.0 |
| 30 – 36 | 18.0 | 12.0 |

| EB-26 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 13.0 | <1.0 |
| 30 – 36 | 580 | 24.0 |

| EB-18 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 4,000 [14.0*] | 310 [107*] |
| 30 – 36 | 15.0 [16.0*] | 13.0 [14.5*] |

| EB-27 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 180,000 [64,000*] | 1,700 [570*] |
| 30 – 36 | 2,900 [2,850*] | 87.0 [81.0*] |

| EB-28 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 2,900 | 57.0 |
| 30 – 36 | 3,700 | 49.0 |

| EB-17 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 15.0 | 8.1 |
| 30 – 36 | 340 | 34.0 |

| EB-29 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 2,500 | 21.0 |
| 30 – 36 | 1,400 | 57.0 |

| EB-33 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 170 | 11.0 |
| 30 – 36 | 36.0 | 8.0 |

| EB-25 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 6.5 | <1.1 |
| 30 – 36 | 68.0 | 7.9 |

| EB-24 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 26.0 | 18.0 |
| 30 – 36 | 22.0 | 6.1 |

| EB-23 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 41.0 | 20.0 |
| 30 – 36 | 39.0 | 17.0 |

| EB-20 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 13.0 | 7.3 |
| 30 – 36 | 14.0 | 11.0 |

| EB-22 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 23.0 | 16.0 |
| 30 – 36 | 150 | 23.0 |

| EB-21 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 17.0 | 14.0 |
| 30 – 36 | 110 | 22.0 |

| EB-7 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 2,000 | 76.0 |
| 18 – 24 | 19.0 | 7.7 |

| EB-8 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 190 | 22.0 |
| 18 – 24 | 14.0 | 6.3 |

| EB-6 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 790 | 43.0 |
| 18 – 24 | 510 | 37.0 |

| EB-32 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 13.0 | 9.3 |
| 30 – 36 | 11.0 | 7.2 |

| EB-30 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 16.0 | 4.4 |
| 30 – 36 | 33.0 | 10.0 |

| EB-16 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 21.0 | 7.7 |
| 30 – 36 | 240 | 25.0 |

| EB-31 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 42.0 | <1.0 |
| 18 – 24 | 400 | 46.0 |

| EB-15 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 660 | 35.0 |
| 30 – 36 | 2,000 | 92.0 |

| EB-14 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 24.0 | 8.2 |
| 30 – 36 | 690 | 34.0 |

| EB-12 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 890 | 47.0 |
| 18 – 24 | 540 | 31.0 |

| EB-13 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 15.0 | 8.0 |
| 18 – 24 | 160 | 26.0 |

| EB-1 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 160 | 29.1 |
| 18 – 24 | 10.0 | 10.0 |

| EB-5 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 190 | 25.0 |
| 18 – 24 | 23.0 | 9.2 |

| EB-9 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 330 [305*] | 24.0 [31.5*] |
| 18 – 24 | 4,200 [4,005*] | 260 [259*] |

| EB-4 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 900 | 57.0 |
| 18 – 24 | 380 | 30.0 |

| EB-10 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 17.0 | 9.5 |
| 30 – 36 | 15.0 | 7.8 |

| EB-11 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 18.0 | 9.2 |
| 18 – 24 | 14.0 | 8.0 |

| EB-3 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 22.0 | 14.0 |
| 18 – 24 | 14.0 | 7.2 |

| EB-2 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 16.0 | 9.5 |
| 18 – 24 | 22.0 | 13.0 |

NOTE:

1. SHADED SAMPLE IDs INDICATE SAMPLES COLLECTED FROM PAVED AREAS.

0 40' 80'
GRAPHIC SCALE

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

# APPROXIMATE EXCAVATION LIMITS 750 ppm 95% UCL (SECTION N) EXCLUDING REMOVAL IN PAVED AREAS

ARCADIS

FIGURE
C-26

ARCADIS

Alternative 3 (Discrete Removal Scenario) Limits of Soil/Sediment Removal

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=*REF
V:\ENV\CAD\SYRACUSE\ACTIVE\100100300\400001\DWG\COMBINED\100003G27.DWG LAYOUT: C-27 SAVED: 7/3/2013 10:39 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:00 PM BY: KOWALCZYK, STEVE
XREFS: 10003X00 10003X01 10003X02
IMAGES: PROJECTNAME: --

MATCHLINE

T-OCA-34-C2L

| Depth | Lead |
|---|---|
| 0 – 6 | ARC |

T-OCA-34-HWL

| Depth | Lead |
|---|---|
| 0 – 6 | 127 |
| 6 – 12 | 237 |
| 12 – 18 | 25.2 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-34-C1L (2007)

| Depth | Lead |
|---|---|
| 0 – 6 | 494 |

T-OCA-34-C1L

| Depth | Lead |
|---|---|
| 0 – 6 | 614 |
| 6 – 12 | 358 |
| 12 – 18 | 24.1 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-34-A

| Depth | Lead |
|---|---|
| 0 – 6 | 99 |

T-OCA-34-B

| Depth | Lead |
|---|---|
| 6 – 12 | 204 |
| 12 – 18 | 28.7 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-34-C1R

| Depth | Lead |
|---|---|
| 0 – 6 | 12.2 |
| 6 – 12 | 12.4 |
| 12 – 18 | 18.7 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-34-C2R

| Depth | Lead |
|---|---|
| 0 – 6 | 50.2 [50] |
| 6 – 12 | 26.6 |
| 12 – 18 | 25.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-34-OB1R

| Depth | Lead |
|---|---|
| 0 – 6 | 728 |
| 6 – 12 | 1850 |
| 12 – 18 | 516 |
| 18 – 24 | 31.3 |
| 24 – 30 | 24.2 |

T-OCA-34-OB1R (2007)

| Depth | Lead |
|---|---|
| 0 – 6 | 541 |

T-OCA-34-OB2R

| Depth | Lead |
|---|---|
| 0 – 6 | 244 |
| 6 – 12 | 86.6 |
| 12 – 18 | 24.1 |
| 18 – 24 | 22.6 |
| 24 – 30 | 20.6 |

24151.13

T-OCA-35-C2L

| Depth | Lead |
|---|---|
| 0 – 6 | ARC |

T-OCA-35-HWL

| Depth | Lead |
|---|---|
| 0 – 6 | 50.5 |
| 6 – 12 | 18 |
| 12 – 18 | 19.8 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-35-C1L

| Depth | Lead |
|---|---|
| 0 – 6 | 93.2 [62.5] |
| 6 – 12 | 11.9 |
| 12 – 18 | 12.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-5-C2L

| Depth | Lead |
|---|---|
| 0 – 6 | 29.3 |
| 6 – 12 | 31.1 |
| 12 – 18 | 29.7 |

T-OCA-5-C1L

| Depth | Lead |
|---|---|
| 0 – 6 | 56.4 |
| 6 – 12 | 29.3 |
| 12 – 18 | 23.2 |

T-OCA-5-C1R

| Depth | Lead |
|---|---|
| 0 – 6 | 313 |
| 6 – 12 | 72.3 |
| 12 – 18 | 63.6 |

T-OCA-5-C2R

| Depth | Lead |
|---|---|
| 0 – 6 | 23 |
| 6 – 12 | 12.1 |
| 12 – 18 | 12.4 |

T-OCA-5-A

| Depth | Lead |
|---|---|
| 0 – 6 | 675 |

As 37.2

T-OCA-5-B

| Depth | Lead |
|---|---|
| 6 – 12 | 409 |
| 12 – 18 | 144 |
| 18 – 24 | 31.9 |
| 24 – 30 | 30.3 |
| 30 – 36 | 27.7 |

12844.70

AVERAGING AREAS 9 AND 10
(AREA 9: FARM DRAINAGE DITCH)
(AREA 10: OVERBANK)
(TRANSECT 36 TO FLOOD CONTROL BERM)

AVERAGING AREAS 7 AND 8
(AREA 7: FARM DRAINAGE DITCH)
(AREA 8: OVERBANK)
(TRANSECT 31 TO TRANSECT 35)

T-OCA-36-C2L

| Depth | Lead |
|---|---|
| 0 – 6 | ARC |

T-OCA-36-HWL

| Depth | Lead |
|---|---|
| 0 – 6 | 21 |
| 6 – 12 | 15.5 |
| 12 – 18 | 15.4 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-36-C1L

| Depth | Lead |
|---|---|
| 0 – 6 | 16.5 |
| 6 – 12 | 11.3 |
| 12 – 18 | 8.1 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-35-A

| Depth | Lead |
|---|---|
| 0 – 6 | 74.5 |

T-OCA-35-B

| Depth | Lead |
|---|---|
| 6 – 12 | 262 |
| 12 – 18 | 19.2 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-35-C1R

| Depth | Lead |
|---|---|
| 0 – 6 | 17 |
| 6 – 12 | 22.1 |
| 12 – 18 | 11 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-35-OB1R

| Depth | Lead |
|---|---|
| 0 – 6 | 252 [236] |
| 6 – 12 | 2730 |
| 12 – 18 | 2760 |
| 18 – 24 | 233 [102] |
| 24 – 30 | 26.1 |

T-OCA-35-C2R

| Depth | Lead |
|---|---|
| 0 – 6 | 166 |
| 6 – 12 | 30 |
| 12 – 18 | 25 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-35-OB2R

| Depth | Lead |
|---|---|
| 0 – 6 | 117 |
| 6 – 12 | 173 |
| 12 – 18 | 136 |
| 18 – 24 | 28.3 |
| 24 – 30 | ARC |

T-OCA-35-OB3R

| Depth | Lead |
|---|---|
| 0 – 6 | 8.4 |
| 6 – 12 | 49.3 |
| 12 – 18 | 51.9 |
| 18 – 24 | 12.5 |
| 24 – 30 | ARC |

T-OCA-37-C1L

| Depth | Lead |
|---|---|
| 0 – 6 | 552 |
| 6 – 12 | 67.1 |
| 12 – 18 | 16.5 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-3-A

| Depth | Lead |
|---|---|
| 0 – 6 | 120 |

T-OCA-3-B

| Depth | Lead |
|---|---|
| 6 – 12 | 281 |
| 12 – 18 | 8.1 |
| 18 – 24 | 8.3 |

T-OCA-37-HWL

| Depth | Lead |
|---|---|
| 0 – 6 | 41.5 |
| 6 – 12 | 20.5 |
| 12 – 18 | 14.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-36-A

| Depth | Lead |
|---|---|
| 0 – 6 | 141 |

T-OCA-38-C1L

| Depth | Lead |
|---|---|
| 0 – 6 | 132 |
| 6 – 12 | 24 |
| 12 – 18 | 34.1 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-3-C1L

| Depth | Lead |
|---|---|
| 0 – 6 | 167 |
| 6 – 12 | 30.2 |
| 12 – 18 | 19.1 |

T-OCA-37-C2L

| Depth | Lead |
|---|---|
| 0 – 6 | 39.3 |

T-OCA-36-B

| Depth | Lead |
|---|---|
| 6 – 12 | 30.9 |
| 12 – 18 | 12.5 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-38-HWL

| Depth | Lead |
|---|---|
| 0 – 6 | 38.4 |
| 6 – 12 | 30.5 |
| 12 – 18 | 23.4 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-3-C2L

| Depth | Lead |
|---|---|
| 0 – 6 | 46.1 |
| 6 – 12 | 79.4 |
| 12 – 18 | 81.5 |

T-OCA-36-C1R

| Depth | Lead |
|---|---|
| 0 – 6 | 62.5 |
| 6 – 12 | 12.1 |
| 12 – 18 | 17.2 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-38-C2L

| Depth | Lead |
|---|---|
| 0 – 6 | ARC |

T-OCA-38-C1R

| Depth | Lead |
|---|---|
| 0 – 6 | 13.6 |
| 6 – 12 | 20.1 |
| 12 – 18 | 8.3 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-37-C1R

| Depth | Lead |
|---|---|
| 0 – 6 | 36.8 |
| 6 – 12 | 19.7 |
| 12 – 18 | 15 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-36-C2R

| Depth | Lead |
|---|---|
| 0 – 6 | 131 |
| 6 – 12 | 71.5 |
| 12 – 18 | 142 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-38-C2R

| Depth | Lead |
|---|---|
| 0 – 6 | 161 |
| 6 – 12 | 76.5 |
| 12 – 18 | 56.3 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-37-C2R

| Depth | Lead |
|---|---|
| 0 – 6 | 37.1 |
| 6 – 12 | 63.9 |
| 12 – 18 | 307 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-36-OB1R

| Depth | Lead |
|---|---|
| 0 – 6 | 33.6 |
| 6 – 12 | 187 |
| 12 – 18 | 132 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-38-A

| Depth | Lead |
|---|---|
| 0 – 6 | 180 |

T-OCA-38-B

| Depth | Lead |
|---|---|
| 6 – 12 | 73.5 |
| 12 – 18 | 87.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-38-OB1R

| Depth | Lead |
|---|---|
| 0 – 6 | 147 [169] |
| 6 – 12 | 106 |
| 12 – 18 | 118 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-3-C1R

| Depth | Lead |
|---|---|
| 0 – 6 | 41.7 |
| 6 – 12 | 21.7 |
| 12 – 18 | 24.8 |

T-OCA-3-C2R

| Depth | Lead |
|---|---|
| 0 – 6 | 286 |
| 6 – 12 | 42.7 |
| 12 – 18 | 22.9 |

T-OCA-37-A

| Depth | Lead |
|---|---|
| 0 – 6 | 219 |

T-OCA-37-B

| Depth | Lead |
|---|---|
| 6 – 12 | 25.6 |
| 12 – 18 | 13.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

T-OCA-37-OB1R

| Depth | Lead |
|---|---|
| 0 – 6 | 52.9 |
| 6 – 12 | 9.7 [12.9] |
| 12 – 18 | 28.1 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

FARM DRAINAGE DITCH

EARNHART HILL
WATER DISTRICT

0 20' 40'
GRAPHIC SCALE

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

**APPROXIMATE EXCAVATION LIMITS
1,505 ppm DISCRETE (SECTION D)**

ARCADIS

FIGURE
**C-27**

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\NB001000300040000\1DWG\COMBINED\100003G28.DWG LAYOUT: C-28 SAVED: 7/3/2013 10:39 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:00 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X02

AVERAGING AREAS 5 AND 6
(AREA 5: FARM DRAINAGE DITCH)
(AREA 6: DELTAIC AREA)
(TRANSECT 19 TO TRANSECT 30)

AVERAGING AREAS 7 AND 8
(AREA 7: FARM DRAINAGE DITCH)
(AREA 8: OVERBANK)
(TRANSECT 31 TO TRANSECT 35)

MATCHLINE

DITCH

FARM DRAINAGE DITCH

49471.77

17584.76

4040.48

24151.13

| T-OCA-29-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 161 [81.1] |

| T-OCA-29-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 121 |
| 12 – 18 | 85.5 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-29-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 305 |
| 6 – 12 | 260 |
| 12 – 18 | 141 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-29-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 836 |
| 6 – 12 | 734 |
| 12 – 18 | 62.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-29-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1860 |
| 6 – 12 | 294 |
| 12 – 18 | 59.1 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-29-OB2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 259 |
| 6 – 12 | 35.4 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-29-OB3R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 176 [144] |
| 6 – 12 | 47.7 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-29-OB1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 74.5 |
| 6 – 12 | ARC |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-29-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 295 |
| 6 – 12 | 75.1 |
| 12 – 18 | 35.5 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-29-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 21.4 |
| 6 – 12 | 16.5 |
| 12 – 18 | 14.3 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| FD-1 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 98.9 |

| FD-2 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 58.9 |

| OS-3 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 179 |

| C-OCA-11 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 169 J |
| 6 – 12 | 70.3 J |
| 12 – 18 | 20.3 J |
| 18 – 24 | 22.9 J |
| 24 – 30 | 20.6 J |

| T-OCA-30-OB1R (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 539 |

| T-OCA-30-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 527 |
| 6 – 12 | 353 |
| 12 – 18 | 89.2 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-30-OB2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 199 |
| 6 – 12 | 72.2 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-30-OB3R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 116 |
| 6 – 12 | 15.5 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-4-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 69.9 |

| T-4-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 12.4 |

| T-4-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 178 |
| 6 – 12 | 18 |

| T-4-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 14.9 |

| T-4-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 106 |

| T-4-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1740 |

| OS-5 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 375 |

| T-OCA-31-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 43 |
| 6 – 12 | 223 |
| 12 – 18 | 20.7 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-31-OB2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 204 [186] |
| 6 – 12 | 32.4 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-31-OB3R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 189 |
| 6 – 12 | 23 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| C-OCA-12 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 633 J |
| 6 – 12 | 217 J [266 J] |
| 12 – 18 | 13.1 J |
| 18 – 24 | 17.3 |
| 24 – 30 | 17.3 |

| T-OCA-30-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 438 |

| T-OCA-30-HWL | |
|---|---|
| Depth | Lead |
| 0 – 6 | 188 |
| 6 – 12 | 23.2 |
| 12 – 18 | 19.8 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-30-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 29 |
| 6 – 12 | 27.8 |
| 12 – 18 | 18.5 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-30-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 20.3 |
| 12 – 18 | 18.8 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-30-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 16.1 |
| 6 – 12 | 19.4 |
| 12 – 18 | 19.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-30-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 834 [817] |
| 6 – 12 | 605 |
| 12 – 18 | 742 |
| 18 – 24 | 1570 |
| 24 – 30 | 783 |
| 30 – 36 | 27.9 J |
| 36 – 42 | ARC |
| 42 – 48 | ARC |

| T-OCA-30-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | ARC |

| T-OCA-31-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | ARC |

| T-OCA-31-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 36.9 |

| T-OCA-31-HWL | |
|---|---|
| Depth | Lead |
| 0 – 6 | 82.4 [75.4] |
| 6 – 12 | 25.6 |
| 12 – 18 | 22.2 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-31-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 455 |
| 6 – 12 | 78.1 |
| 12 – 18 | 18.7 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-31-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 114 |
| 12 – 18 | 411 |
| 18 – 24 | 259 |
| 24 – 30 | 42.8 |

| T-OCA-31-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 319 |
| 6 – 12 | 21.9 |
| 12 – 18 | 16.2 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-31-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 368 |
| 6 – 12 | 278 |
| 12 – 18 | 397 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-32-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 10.6 |

| T-OCA-32-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 8.9 |
| 12 – 18 | 115 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-32-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 586 |
| 6 – 12 | 607 |
| 12 – 18 | 362 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-32-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 23.5 |
| 6 – 12 | 21.2 |
| 12 – 18 | 10.3 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-32-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 340 |
| 6 – 12 | 2220 |
| 12 – 18 | 31.2 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-32-OB2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 169 |
| 6 – 12 | 42.7 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-32-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | ARC |

| T-OCA-32-HWL | |
|---|---|
| Depth | Lead |
| 0 – 6 | 175 |
| 6 – 12 | 18.6 |
| 12 – 18 | 14.5 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-32-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 39.4 |
| 6 – 12 | 9.8 |
| 12 – 18 | 5.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-32-C1R (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 474 |

| T-OCA-33-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | ARC |

| T-OCA-33-HWL | |
|---|---|
| Depth | Lead |
| 0 – 6 | 228 |
| 6 – 12 | 326 |
| 12 – 18 | 47 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-33-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 83.1 |
| 6 – 12 | 15.2 |
| 12 – 18 | 9.1 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-33-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 91.8 |

| T-OCA-33-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 161 |
| 12 – 18 | 11.8 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-33-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 16.9 [16.4] |
| 6 – 12 | 13.5 |
| 12 – 18 | 9.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-33-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 65.6 |
| 6 – 12 | 27.9 |
| 12 – 18 | 19.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-33-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 624 |
| 6 – 12 | 1820 |
| 12 – 18 | 124 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-33-OB2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 254 |
| 6 – 12 | 105 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

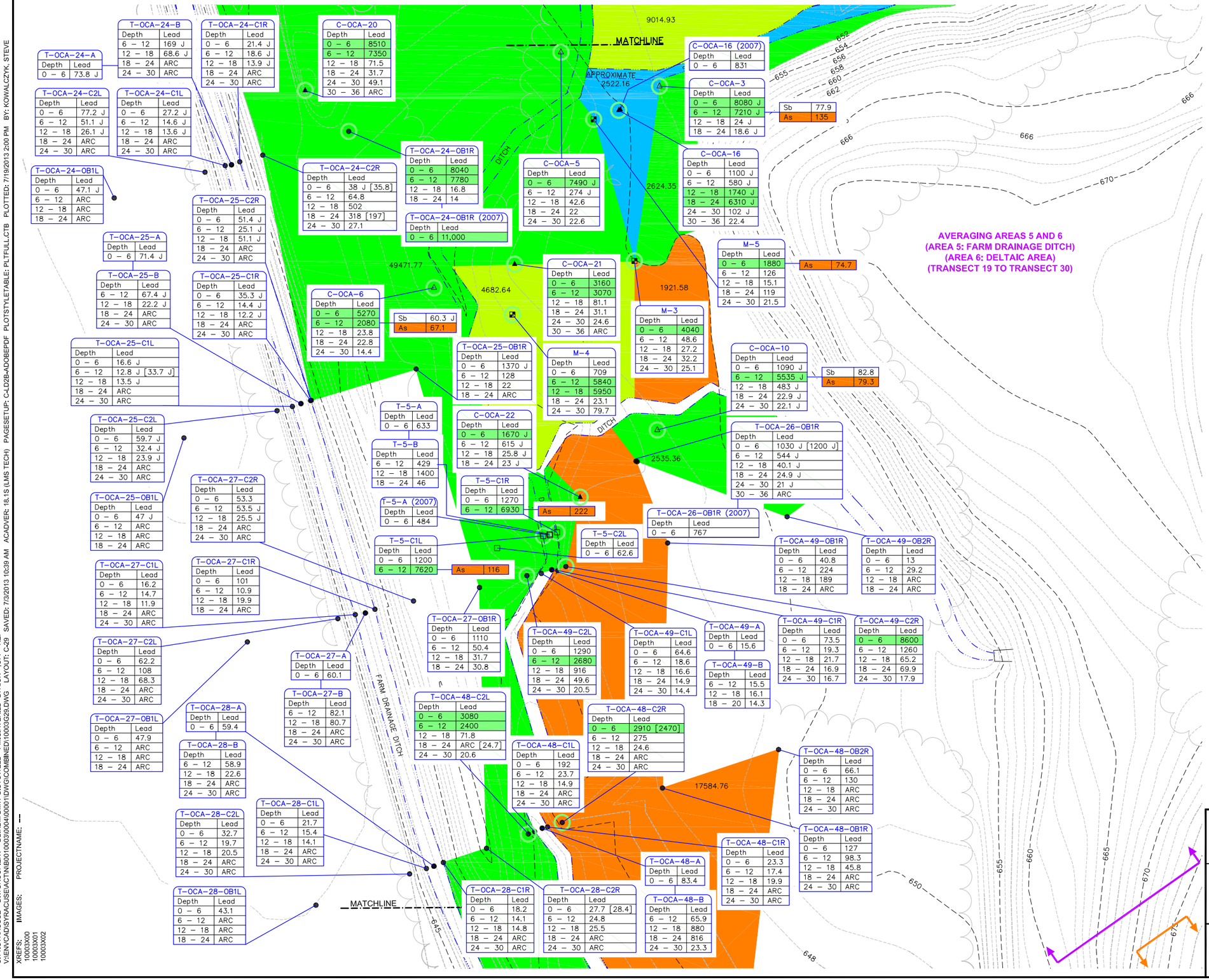
0 20' 40'
GRAPHIC SCALE

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

# APPROXIMATE EXCAVATION LIMITS
# 1,505 ppm DISCRETE (SECTION E)

ARCADIS

FIGURE
C-28



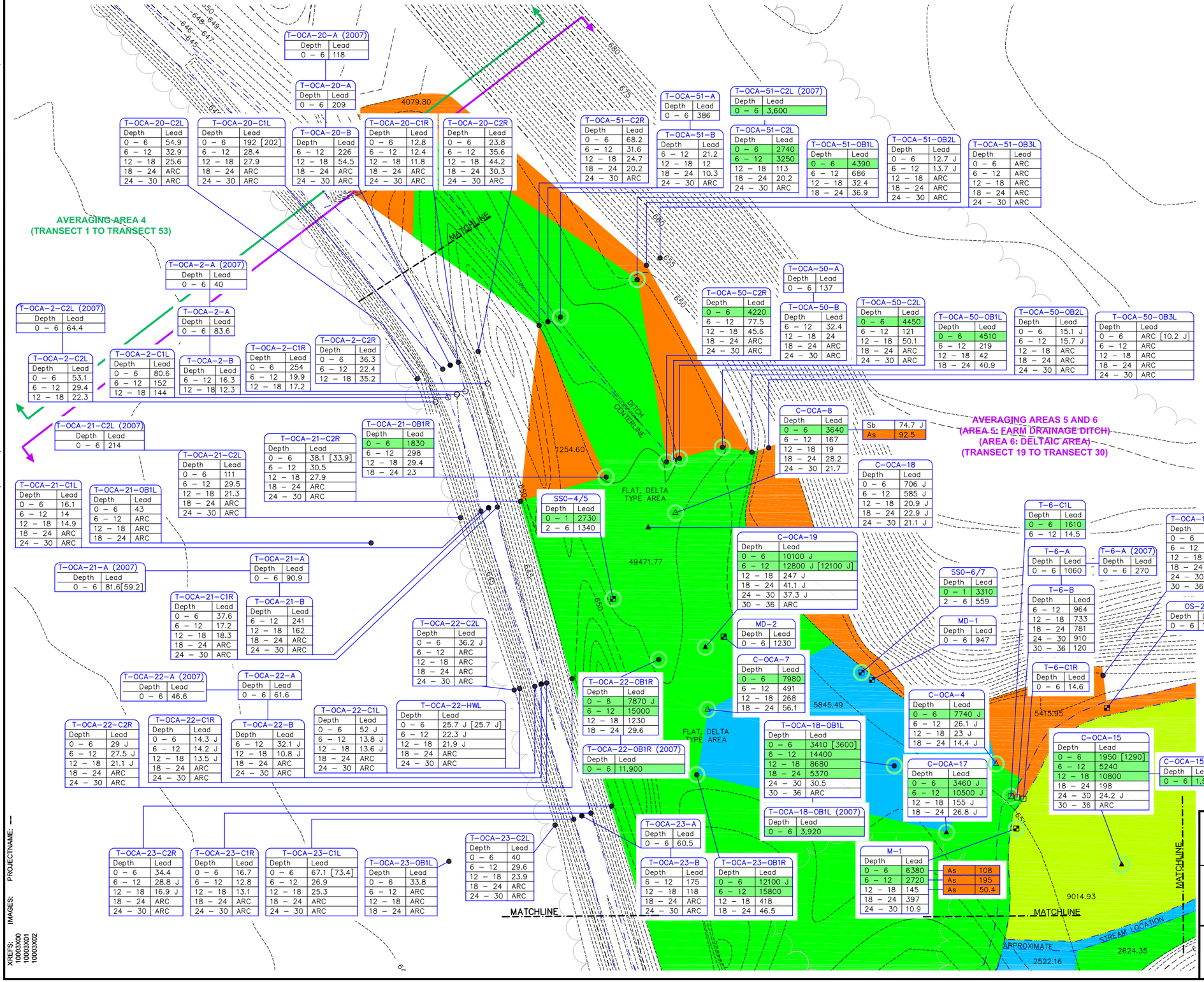

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

# APPROXIMATE EXCAVATION LIMITS
# 1,505 ppm DISCRETE (SECTION F)

ARCADIS

FIGURE
C-29


CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PMIC:AVERILL LYR:ON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\B0010003\0004\00001\DWG\COMBINED\10003G29.DWG LAYOUT: C-29 SAVED: 7/3/2013 10:39 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:00 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X02




FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

# APPROXIMATE EXCAVATION LIMITS
# 1,505 ppm DISCRETE (SECTION G)

ARCADIS

FIGURE
C-30


CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G:STOWELL PM:CJAVERILL LYRON=*;OFF=*REF
V:\ENV\CADISYRACUSE\ACTIVE\00100030004000011\DWG\COMBINED\100030G30.DWG LAYOUT: C-30 SAVED: 7/3/2013 10:40 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:00 PM BY: KOWALCZYK, STEVE
XREFS: 10003X00 10003X01 10003X02
IMAGES: PROJECTNAME: ---

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DWG G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\B0010003\0004\0001\DWG\COMBINED\10003G31.DWG LAYOUT: C-31 SAVED: 7/3/2013 10:41 AM ACADVER: 18.1S (LMS TECH)
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X02

| T-OCA-53-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 75.8 |
| 6 – 12 | 408 |
| 12 – 18 | 66.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-53-OB2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 33.3 |
| 6 – 12 | 39.8 [44.5] |
| 12 – 18 | 19.7 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-53-OB3R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 24.4 |
| 6 – 12 | 22.9 [22] |
| 12 – 18 | 16.8 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| C-OCA-23 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 406 J |
| 6 – 12 | 383 J |
| 12 – 18 | 52.8 J |
| 18 – 24 | 20.2 J |
| 24 – 30 | 16.7 J |

| T-OCA-52-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 113 J |
| 6 – 12 | 57.7 J |
| 12 – 18 | 27.4 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-52-OB2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 578 J |
| 6 – 12 | 925 [938] |
| 12 – 18 | 322 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-52-OB3R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 28.1 |
| 6 – 12 | 22.8 |
| 12 – 18 | 15.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

AVERAGING AREA 4
(TRANSECT 1 TO TRANSECT 53)

| T-OCA-19-OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 7950 |
| 6 – 12 | 1120 |
| 12 – 18 | 50.4 |
| 18 – 24 | 24 |

| T-OCA-19-OB2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 136 |
| 6 – 12 | 17.1 |
| 12 – 18 | 14.9 |
| 18 – 24 | 14.3 |

| T-OCA-1-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 41.3 |

| T-OCA-1-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 16.9 |
| 12 – 18 | 9.4 |
| 18 – 24 | 9.5 |
| 24 – 30 | 9.5 |
| 30 – 36 | 9.5 |

| T-OCA-1-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 27.2 |
| 6 – 12 | 23.9 |
| 12 – 18 | 22.2 |

| T-OCA-1-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 204 |
| 6 – 12 | 45.1 |
| 12 – 18 | 22.9 |

| T-OCA-1-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 83.1 |
| 6 – 12 | 10.3 |
| 12 – 18 | 11 |

| T-OCA-1-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 45.5 |
| 6 – 12 | 63.4 |
| 12 – 18 | 24.8 |

| C-OCA-9 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 365 |
| 6 – 12 | 79.1 J |
| 12 – 18 | 23.3 J |
| 18 – 24 | 127 J |
| 24 – 30 | 14.4 J |

| SS-01 | |
|---|---|
| Depth | Lead |
| 0 – 2 | 87.8 |

| SS0-2/3 | |
|---|---|
| Depth | Lead |
| 0 – 1 | 1360 |
| 2 – 5 | 3670 |

| T-OCA-19-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 12.7 |
| 6 – 12 | 11.7 |
| 12 – 18 | 11.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-19-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 50.3 |
| 6 – 12 | 32.1 |
| 12 – 18 | 26 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-19-OB1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 60 |
| 6 – 12 | ARC |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-19-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 61.3 |

| T-OCA-19-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 50.5 |
| 12 – 18 | 36.2 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-19-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 21.8 |
| 6 – 12 | 12.2 |
| 12 – 18 | 12.3 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-19-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 52.2 [44] |
| 6 – 12 | 63.1 |
| 12 – 18 | 40.3 |
| 18 – 24 | ARC |
| 24 – 30 | 22.8 |

4079.80

49471.77

1254.60

5415.95

MATCHLINE

DITCH CENTERLINE

FLAT, DELTA TYPE AREA

AVERAGING AREAS 5 AND 6
(AREA 5: FARM DRAINAGE DITCH)
(AREA 6: DELTAIC AREA)
(TRANSECT 19 TO TRANSECT 30)

GRAPHIC SCALE
0 20' 40'

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

# APPROXIMATE EXCAVATION LIMITS
# 1,505 ppm DISCRETE (SECTION H)

ARCADIS

FIGURE
C-31

AVERAGING AREAS 5 AND 6
(AREA 5: FARM DRAINAGE DITCH)
(AREA 6: DELTAIC AREA)
(TRANSECT 19 TO TRANSECT 30)

AVERAGING AREA 3
(TRANSECT 10 TO CSX RAILROAD)

CSX RAILROAD

MATCHLINE

MATCHLINE

| IA–05 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 38.1 |
| 6 – 12 | 83.6 |
| 12 – 18 | 9880 |
| 18 – 24 | 13300 |
| 24 – 30 | 158 |
| 30 – 36 | 17.6 |
| 36 – 42 | 14.5 |
| 42 – 48 | 16.1 |
| 48 – 54 | 94.6 |
| 54 – 60 | 19.4 |
| 60 – 66 | 12.2 |
| 66 – 72 | 7.8 |
| 72 – 78 | 123 |
| 78 – 84 | 15.6 |
| 84 – 90 | 5.1 |

| C–OCA–14 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1890 J |
| 6 – 12 | 1340 J |
| 12 – 18 | 17.5 J |
| 18 – 24 | 14.9 J |
| 24 – 30 | 9.1 J |

| IA–07 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 25.1 |
| 6 – 12 | 9.8 |

| C–OCA–13 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 4550 J |
| 6 – 12 | 7200 J |
| 12 – 18 | 4540 J |
| 18 – 24 | 49 J |
| 24 – 30 | 37.8 J |
| 30 – 36 | ARC |

| IA–11 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 16.9 |
| 6 – 12 | 8.9 |

| IA–10 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 22.5 |
| 6 – 12 | 8.4 |

| IA–06 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 264 |
| 6 – 12 | 30.3 |

| M–2 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1310 |
| 6 – 12 | 6370 |
| 12 – 18 | 32.3 |
| 18 – 24 | 12.8 |
| 24 – 30 | 129 |

| IA–02 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 26.8 [28.1] |
| 6 – 12 | 10.7 |

| IA–01 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 21.3 |
| 6 – 12 | 12.9 |

| IA–15 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 169 |
| 6 – 12 | 439 |
| 12 – 18 | 1350 |
| 18 – 24 | 2460 |
| 24 – 30 | 85.4 |
| 30 – 36 | 8.8 |

| C–OCA–2 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 9920 J |
| 6 – 12 | 8500 J |
| 12 – 18 | 2310 J |
| 18 – 24 | 17.7 J |
| 24 – 30 | 5.6 J |

| Sb | 61.2 |
|---|---|
| As | 127 |

| IA–04 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 24.4 |
| 6 – 12 | 9.4 |

| IA–03 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 30.7 |
| 6 – 12 | 14.3 |

| C–OCA–1 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 4410 |
| 6 – 12 | 46 |
| 12 – 18 | 116 J |
| 18 – 24 | 7 J |
| 24 – 30 | 16.5 J |

| Sb | 113 |
|---|---|
| As | 103 |

| T–OCA–16–C1L (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 529 |

| T–OCA–16–OB1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 24.5 |
| 6 – 12 | 16.9 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T–OCA–16–C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1910 |
| 6 – 12 | 843 |
| 12 – 18 | 22.1 |
| 18 – 24 | 31.1 |
| 24 – 30 | 10.7 |

| T–OCA–16–C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 5400 |
| 6 – 12 | 1580 |
| 12 – 18 | 89.7 |
| 18 – 24 | 17.7 |
| 24 – 30 | 15.7 |

| T–OCA–16–A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 174 |

| T–OCA–16–B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 444 |
| 12 – 18 | 1670 |
| 18 – 24 | 60.5 |

| T–OCA–16–C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 611 |
| 6 – 12 | 92.9 |
| 12 – 18 | 7.3 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T–OCA–16–C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 148 |
| 6 – 12 | 15 |
| 12 – 18 | 8.7 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T–OCA–16–OB1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 41.4 [81.3] |
| 6 – 12 | 19.4 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T–OCA–14–C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 985 |
| 6 – 12 | 340 |
| 12 – 18 | 212 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T–OCA–14–C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 918 |
| 6 – 12 | 94.2 |
| 12 – 18 | 23.7 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T–OCA–14–A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 36.9 |

| T–OCA–14–B | |
|---|---|
| Depth | Lead |
| 6 – 8 | 6.9 |

| T–OCA–14–A (2007) | |
|---|---|
| Depth | Lead |
| 0–6 | 158 |

| T–OCA–14–C1R (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 3180 |

| T–OCA–14–C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1050 |
| 6 – 12 | 1960 |

| T–OCA–14–C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 2350 |
| 6 – 12 | 806 |
| 12 – 18 | 75.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T–8–C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 4870 |
| 6 – 12 | 182 |

| T–OCA–15–C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 282 |
| 6 – 12 | 122 |
| 12 – 18 | 13.2 |
| 18 – 24 | ARC |
| 24 – 26 | ARC |

| T–OCA–15–C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1400 |
| 6 – 12 | 2280 |
| 12 – 18 | 2400 |
| 18 – 24 | 3780 |
| 24 – 30 | 3520 |

| T–OCA–15–0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 37.4 |
| 6 – 12 | 24.4 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T–8–A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 136 |

| T–8–B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 105 |

| T–OCA–14–0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 28.4 [20.3] |
| 6 – 12 | 14 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T–8–C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1570 |
| 6 – 12 | 655 |

| T–OCA–15–A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 136 |

| T–OCA–15–B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 116 |
| 12 – 18 | 80.4 |
| 18 – 24 | ARC |

| T–OCA–15–C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 495 [464] |
| 6 – 12 | 27.5 |
| 12 – 18 | 9.5 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T–OCA–15–C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 29.3 |
| 6 – 12 | 8.1 |
| 12 – 18 | 19.4 |
| 18 – 24 | ARC |
| 24 – 26 | ARC |

| T–OCA–15–0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 27.3 |
| 6 – 12 | 14.8 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

9014.93
5415.95
389.80
2522.16
2624.35
2407.63
4868.01
1825.94
3026.27
73.33
632.83
7709.83
3197.77
8988.00
2566.75

0 20' 40'
GRAPHIC SCALE

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

**APPROXIMATE EXCAVATION LIMITS**
**1,505 ppm (OCA)/400 ppm (UCA)**
**DISCRETE (SECTION I)**

ARCADIS

FIGURE
**C-32**

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYRON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\NIB0010003\0004\000001\DWG\COMBINED\100003G32.DWG LAYOUT: C-32 SAVED: 7/3/2013 10:41 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:01 PM BY: KOWALCZYK, STEVE
XREFS: 10003X00 10003X01 10003X02
IMAGES: PROJECTNAME: --

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\60100030\400001\DWG\COMBINED\100003G33.DWG LAYOUT: C-33 SAVED: 7/3/2013 10:41 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:01 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME:
10003X00
10003X01
10003X02

AVERAGING AREA 3
(TRANSECT 10 TO CSX RAILROAD)

| T-OCA-10-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 2860 |
| 6 – 12 | 5270 |
| 12 – 18 | 23.4 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-10-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 7820 |
| 6 – 12 | 201 |
| 12 – 18 | 18.8 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-10-C1L (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 323 |

| T-OCA-10-A (2007) | |
|---|---|
| Depth | Lead |
| 0–6 | 201 |

| T-OCA-10-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1610 |

| T-OCA-10-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 968 |
| 12 – 18 | 391 |
| 18 – 20 | ARC |

| T-OCA-10-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 240 [237] |
| 6 – 12 | 17.3 |
| 12 – 18 | 18.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-10-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 36.2 |
| 6 – 12 | 7.8 |
| 12 – 18 | 8.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-13-0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1020 |
| 6 – 12 | 102 |
| 12 – 18 | 23.8 |
| 18 – 24 | ARC |

| T-OCA-13-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 4290 |
| 6 – 12 | 4000 |
| 12 – 18 | 331 |
| 18 – 24 | ARC |
| 24 – 25 | ARC |

| T-OCA-13-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 357 |
| 6 – 12 | 13.4 |

| T-OCA-13-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 69.3 |

| T-OCA-13-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 6.2 |
| 12 – 18 | 4.3 |

| T-OCA-12-0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 55.3 |
| 6 – 12 | 13.9 |
| 12 – 18 | 6.4 |

| T-OCA-11-0B1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 71.8 |
| 6 – 12 | 17.7 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-11-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 5030 |
| 6 – 12 | 132 |
| 12 – 18 | 20.5 |

| T-OCA-11-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 1760 |
| 6 – 12 | 178 |
| 12 – 18 | 14.5 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| OS-1 | |
|---|---|
| Depth | Lead |
| 0 – 6 | 216 |
| As | 43.3 |

| T-OCA-9-C1L (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 171 |

| T-OCA-9-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 47.6 |
| 6 – 12 | 10.5 |
| 12 – 18 | 4.8 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-9-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 34.3 |
| 6 – 12 | 27.3 |
| 12 – 18 | 11.1 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-9-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 162 |

| T-OCA-9-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 103 |
| 12 – 18 | 194 |
| 18 – 24 | ARC |

| T-OCA-9-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 133 |
| 6 – 12 | 99.9 |
| 12 – 18 | 11.6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-9-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 504 |
| 6 – 12 | 142 |
| 12 – 18 | 375 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-9-0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 24.9 [26.9] |
| 6 – 12 | 18.9 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-8-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 26.9 J [27.4 J] |
| 6 – 12 | 12.9 J |
| 12 – 18 | 11.5 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-8-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 407 J |
| 6 – 12 | 9.4 J |
| 12 – 18 | 12.9 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-8-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 120 J |

| T-OCA-8-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 40.7 J |
| 12 – 18 | 23.2 J |
| 18 – 24 | ARC |

| T-OCA-8-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 23.1 J |
| 6 – 12 | 8.9 J |
| 12 – 18 | 10.2 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-8-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 32.4 J |
| 6 – 12 | 15.2 J |
| 12 – 18 | 11 J |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-8-0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 24.7 |
| 6 – 12 | 10.8 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-9-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 27.9 |

| T-9-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 2520 |
| 6 – 12 | 442 |

| T-9-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 12.9 |

| T-9-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 15.1 |

| T-9-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 204 |

| T-OCA-7-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 117 |
| 6 – 12 | 215 |
| 12 – 18 | 17.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-7-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 83.7 |
| 6 – 12 | 22.1 |
| 12 – 18 | 412 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-7-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 66.4 |

| T-OCA-7-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 59.3 |
| 12 – 18 | 133 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-7-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 56.2 |
| 6 – 12 | 20.5 |
| 12 – 18 | 9.1 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-7-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 94.6 |
| 6 – 12 | 87.5 |
| 12 – 18 | 88.7 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-7-0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 16.8 [26.1] |
| 6 – 12 | 39.4 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-10-0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 34.3 |
| 6 – 12 | 8.2 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-12-C2L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 2580 |
| 6 – 12 | 5060 |
| 12 – 18 | 629 |
| 18 – 20 | 109 |

| T-OCA-12-C1L | |
|---|---|
| Depth | Lead |
| 0 – 6 | 2570 |
| 6 – 12 | 84.8 |
| 12 – 18 | 17.9 |
| 18 – 23 | ARC |

| T-OCA-13-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 8.6 |
| 6 – 12 | 10.9 |
| 12 – 14 | 7.9 |

| T-OCA-13-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 13.3 |
| 6 – 12 | 10.1 |
| 12 – 18 | 5.9 |
| 18 – 24 | ARC |

| T-OCA-13-0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 19.1 [17.8] |
| 6 – 12 | 9.2 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-12-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 174 |

| T-OCA-12-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 97.9 |
| 12 – 18 | 86.3 |

| T-OCA-12-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 6020 |
| 6 – 12 | 3760 |
| 12 – 18 | 259 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-12-C1R (2007) | |
|---|---|
| Depth | Lead |
| 0 – 6 | 3290 |

| T-OCA-12-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 50 |
| 6 – 12 | 13.3 |
| 12 – 18 | 6 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-12-0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 24.2 [21.6] |
| 6 – 12 | 9 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

| T-OCA-11-A | |
|---|---|
| Depth | Lead |
| 0 – 6 | 625 |

| T-OCA-11-B | |
|---|---|
| Depth | Lead |
| 6 – 12 | 14.7 |

| T-OCA-11-A (2007) | |
|---|---|
| Depth | Lead |
| 0–6 | 127 [134] |

| T-OCA-11-C1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 392 |
| 6 – 12 | 15.3 |
| 12 – 18 | 10.9 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-11-C2R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 59.9 |
| 6 – 12 | 18.6 |
| 12 – 18 | 13.3 |
| 18 – 24 | ARC |
| 24 – 30 | ARC |

| T-OCA-11-0B1R | |
|---|---|
| Depth | Lead |
| 0 – 6 | 25.7 [10.3] |
| 6 – 12 | 34.1 |
| 12 – 18 | ARC |
| 18 – 24 | ARC |

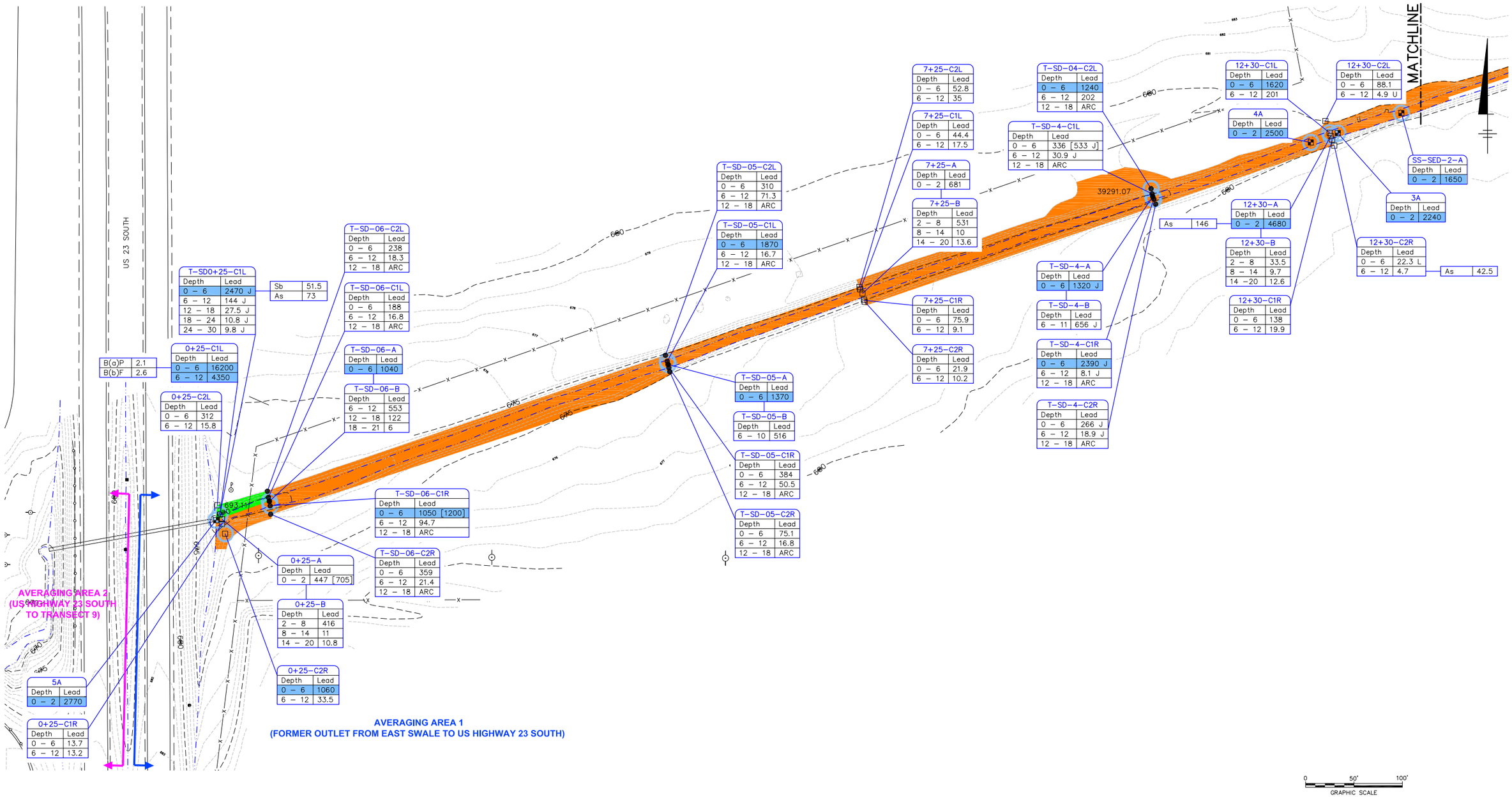
3881.00
15288.62
1405.07
4675.91
498.30
894.03
670.54
78.37
MATCHLINE
RNRG, INC.
AVERAGING AREA 2
(US HIGHWAY 23 SOUTH TO TRANSECT 9)
GRAPHIC SCALE 0 20' 40'

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

**APPROXIMATE EXCAVATION LIMITS**
**400 ppm DISCRETE (SECTION J)**

ARCADIS

FIGURE
**C-33**



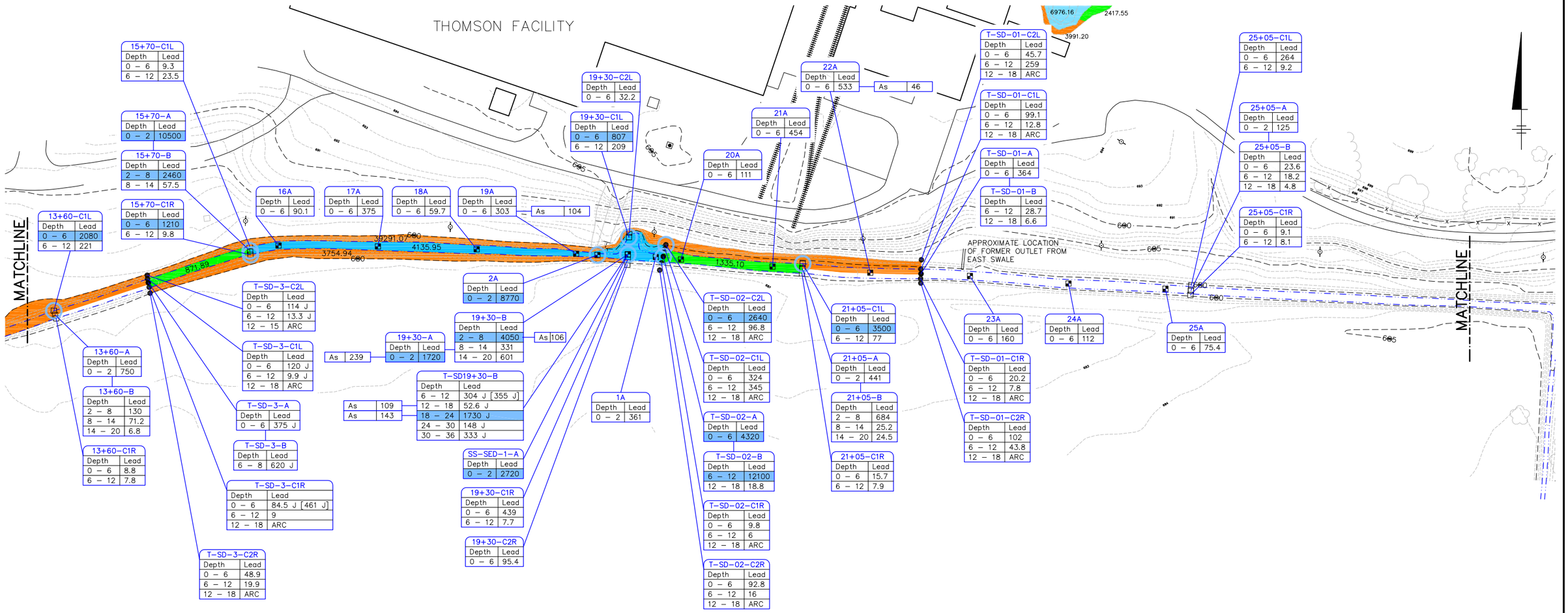

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

**APPROXIMATE EXCAVATION LIMITS**
**750 ppm DISCRETE (SECTION K)**

ARCADIS

FIGURE
**C-34**

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACT\NB0010003\0004\00001\DWG\COMBINED\10003G34.DWG LAYOUT: C-34 SAVED: 7/19/2013 11:29 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:01 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X02




FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

# APPROXIMATE EXCAVATION LIMITS
# 750 ppm DISCRETE (SECTION L)

ARCADIS

FIGURE
C-35

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\60100030004100001\DWG\COMBINED\10003G35.DWG LAYOUT: C-35 SAVED: 7/19/2013 11:29 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:01 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X02

# THOMSON FACILITY

**AVERAGING AREA 1**
**(FORMER OUTLET FROM EAST SWALE TO US HIGHWAY 23 SOUTH)**

| T-ES-1-A | |
|---|---|
| Depth | Lead |
| 0–6 | 17,600 J |

| | |
|---|---|
| Sb | 604 |
| As | 530 |
| F | 8100 |

| T-ES-1-B | |
|---|---|
| Depth | Lead |
| 6–12 | 312 J |
| 12–18 | 968 J |
| 18–24 | 545 J |
| 24–30 | 1,170 J |
| 30–36 | 419 J |

| | |
|---|---|
| Sb | 39.1 |
| Sb | 43.1 |
| As | 73.1 |

| ED-2-A | |
|---|---|
| Depth | Lead |
| 0–2 | 23,500 |

| ED-2-B | |
|---|---|
| Depth | Lead |
| 6–12 | 674 |

| T-ES-1-C1L | |
|---|---|
| Depth | Lead |
| 0–6 | 1,030 J |
| 6–12 | 347 J |
| 12–18 | 289 J [274 J] |

| | |
|---|---|
| As | 58.1 |

| ED-2-C1L | |
|---|---|
| Depth | Lead |
| 0–6 | 588 |
| 6–12 | 106 |

| | |
|---|---|
| As | 41 |
| As | 42.3 |

| T-ES-1-C1R | |
|---|---|
| Depth | Lead |
| 0–6 | 2,490 J |
| 6–12 | 752 J |
| 12–18 | 550 J |

| | |
|---|---|
| Sb | 79.5 |
| As | 59.7 |

| ED-2-C1R | |
|---|---|
| Depth | Lead |
| 0–6 | 895 |
| 6–12 | 445 |

| | |
|---|---|
| As | 33.1 |

| T-ES-1-C2L | |
|---|---|
| Depth | Lead |
| 0–6 | 83.1 J |
| 6–12 | 33.5 J |
| 12–18 | 15.1 J |

| ED-2-C2L | |
|---|---|
| Depth | Lead |
| 0–6 | 613 |

| T-ES-1-C2R | |
|---|---|
| Depth | Lead |
| 0–6 | 57.3 J |
| 6–12 | 57.3 J |
| 12–18 | 28.7 J |

| ED-2-C2R | |
|---|---|
| Depth | Lead |
| 0–6 | 132 |

| ED-1-A | |
|---|---|
| Depth | Lead |
| 0–2 | 1,890 |

| | |
|---|---|
| As | 68.7 |

| ED-1-B | |
|---|---|
| Depth | Lead |
| 6–12 | 48.9 |

| ED-1-C1L | |
|---|---|
| Depth | Lead |
| 0–6 | 882 |
| 6–12 | 44.2 |

| ED-1-C1R | |
|---|---|
| Depth | Lead |
| 0–6 | 12.3 |

| ED-1-C2L | |
|---|---|
| Depth | Lead |
| 0–6 | 152 |

| ED-1-C2R | |
|---|---|
| Depth | Lead |
| 0–6 | 254 |

| | |
|---|---|
| As | 90.4 |

| T-ES-2-A | |
|---|---|
| Depth | Lead |
| 0–6 | 4,640 J |

| | |
|---|---|
| Sb | 121 |
| As | 129 |

| T-ES-2-B | |
|---|---|
| Depth | Lead |
| 6–12 | 266 J |
| 12–18 | 63.9 J |
| 18–24 | 195 J |
| 24–30 | 21.5 J |
| 30–36 | 25.2 J |

| T-ES-2-C1L | |
|---|---|
| Depth | Lead |
| 0–6 | 72.4 J |
| 6–12 | 28.0 J |
| 12–18 | 29.6 J |

| T-ES-2-C1R | |
|---|---|
| Depth | Lead |
| 0–6 | 169 J |
| 6–12 | 216 J |
| 12–18 | 12.9 J |

| T-ES-2-C2L | |
|---|---|
| Depth | Lead |
| 0–6 | 191 J |
| 6–12 | 51.8 J |
| 12–18 | 30.9 J |

| T-ES-2-C2R | |
|---|---|
| Depth | Lead |
| 0–6 | 117 J |
| 6–12 | 20.4 J |
| 12–18 | 183 J |

| T-ES-3-A | |
|---|---|
| Depth | Lead |
| 0–6 | 5,850 J |

| | |
|---|---|
| Sb | 136 |
| As | 160 |

| T-ES-3-B | |
|---|---|
| Depth | Lead |
| 6–12 | 356 J |
| 12–18 | 108 J |
| 18–24 | 392 J |
| 24–30 | 61.7 J |
| 30–36 | 561 J |

| T-ES-3-C1L | |
|---|---|
| Depth | Lead |
| 0–6 | 117 |
| 6–12 | 304 J [179 J] |
| 12–18 | 50.9 J |

| T-ES-3-C1R | |
|---|---|
| Depth | Lead |
| 0–6 | 24.3 J |
| 6–12 | 30.1 J |
| 12–18 | 26.9 J |

| T-ES-3-C2L | |
|---|---|
| Depth | Lead |
| 0–6 | 937 J |
| 6–12 | 23.2 J |
| 12–18 | 333 J |

| T-ES-3-C2R | |
|---|---|
| Depth | Lead |
| 0–6 | 240 J |
| 6–12 | 59.7 J |
| 12–18 | 165 |

| T-ES-4-A | |
|---|---|
| Depth | Lead |
| 0–6 | 1,720 J |

| | |
|---|---|
| As | 51.7 |

| T-ES-4-B | |
|---|---|
| Depth | Lead |
| 6–12 | 5,010 J |
| 12–18 | 115 J |
| 18–24 | 272 J |
| 24–30 | 551 J |
| 30–36 | 540 J |

| | |
|---|---|
| Sb | 39 |
| As | 121.8 |

| T-ES-4-C1L | |
|---|---|
| Depth | Lead |
| 0–6 | 61.6 |
| 6–12 | 58.5 |
| 12–18 | 145 |

| T-ES-4-C1R | |
|---|---|
| Depth | Lead |
| 0–6 | 85.1 J |
| 6–12 | 42.7 J |
| 12–18 | 35.6 J |

| T-ES-4-C2L | |
|---|---|
| Depth | Lead |
| 0–6 | 198 |
| 6–12 | 198 |
| 12–18 | 14.0 |

| T-ES-4-C2R | |
|---|---|
| Depth | Lead |
| 0–6 | 74.5 J |
| 6–12 | 13.6 J |
| 12–18 | 14.2 |

| RC-S6 | |
|---|---|
| Depth | Lead |
| 0–4 | 6,100 |

| | |
|---|---|
| As | 380 |

6976.16
3991.20
2417.55
8113.58
4911.28

APPROXIMATE LOCATION OF FORMER OUTLET FROM EAST SWALE

0 40' 80'
GRAPHIC SCALE

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

**APPROXIMATE EXCAVATION LIMITS**
**750 ppm DISCRETE (SECTION N)**

ARCADIS

FIGURE
**C-36**

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYR:On=*;OFF=*REF
V:\ENV\CAD\SYRACUSE\ACTIN\B0010003\0004\00001\DWG\COMBINED\10003G36.DWG LAYOUT: C-36 SAVED: 7/19/2013 11:30 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:01 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X02

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\60010003000400001\DWG\COMBINED\10003G37.DWG LAYOUT: C-37 SAVED: 7/19/2013 1:56 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:01 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X02

| EB-19 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 14.0 | 10.0 |
| 30 – 36 | 18.0 | 12.0 |

| EB-26 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 13.0 | <1.0 |
| 30 – 36 | 580 | 24.0 |

| EB-18 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 4,000 [14.0*] | 310 [107*] |
| 30 – 36 | 15.0 [16.0*] | 13.0 [14.5*] |

| EB-27 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 180,000 [64,000*] | 1,700 [570*] |
| 30 – 36 | 2,900 [2,850*] | 87.0 [81.0*] |

| EB-28 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 2,900 | 57.0 |
| 30 – 36 | 3,700 | 49.0 |

| EB-17 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 15.0 | 8.1 |
| 30 – 36 | 340 | 34.0 |

| EB-29 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 2,500 | 21.0 |
| 30 – 36 | 1,400 | 57.0 |

THOMSON FACILITY

**AVERAGING AREA 1**
**(FORMER OUTLET FROM EAST SWALE TO US HIGHWAY 23 SOUTH)**

| EB-33 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 170 | 11.0 |
| 30 – 36 | 36.0 | 8.0 |

| EB-25 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 6.5 | <1.1 |
| 30 – 36 | 68.0 | 7.9 |

| EB-24 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 26.0 | 18.0 |
| 30 – 36 | 22.0 | 6.1 |

| EB-23 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 41.0 | 20.0 |
| 30 – 36 | 39.0 | 17.0 |

| EB-20 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 13.0 | 7.3 |
| 30 – 36 | 14.0 | 11.0 |

| EB-22 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 23.0 | 16.0 |
| 30 – 36 | 150 | 23.0 |

| EB-21 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 17.0 | 14.0 |
| 30 – 36 | 110 | 22.0 |

| EB-7 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 2,000 | 76.0 |
| 18 – 24 | 19.0 | 7.7 |

| EB-8 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 190 | 22.0 |
| 18 – 24 | 14.0 | 6.3 |

| EB-6 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 790 | 43.0 |
| 18 – 24 | 510 | 37.0 |

| EB-32 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 13.0 | 9.3 |
| 30 – 36 | 11.0 | 7.2 |

| EB-30 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 16.0 | 4.4 |
| 30 – 36 | 33.0 | 10.0 |

| EB-16 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 21.0 | 7.7 |
| 30 – 36 | 240 | 25.0 |

| EB-31 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 42.0 | <1.0 |
| 18 – 24 | 400 | 46.0 |

| EB-15 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 660 | 35.0 |
| 30 – 36 | 2,000 | 92.0 |

| EB-14 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 24.0 | 8.2 |
| 30 – 36 | 690 | 34.0 |

| EB-12 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 890 | 47.0 |
| 18 – 24 | 540 | 31.0 |

| EB-13 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 15.0 | 8.0 |
| 18 – 24 | 160 | 26.0 |

| EB-1 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 160 | 29.1 |
| 18 – 24 | 10.0 | 10.0 |

9051.53
3401.28
5484.30
1761.57

| EB-5 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 190 | 25.0 |
| 18 – 24 | 23.0 | 9.2 |

| EB-9 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 330 [305*] | 24.0 [31.5*] |
| 18 – 24 | 4,200 [4,005*] | 260 [259*] |

| EB-4 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 900 | 57.0 |
| 18 – 24 | 380 | 30.0 |

| EB-10 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 17.0 | 9.5 |
| 30 – 36 | 15.0 | 7.8 |

| EB-11 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 18.0 | 9.2 |
| 18 – 24 | 14.0 | 8.0 |

| EB-3 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 22.0 | 14.0 |
| 18 – 24 | 14.0 | 7.2 |

| EB-2 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 16.0 | 9.5 |
| 18 – 24 | 22.0 | 13.0 |

NOTE:

1. SHADED SAMPLE IDs INDICATE SAMPLES COLLECTED FROM PAVED AREAS.

0 40' 80'
GRAPHIC SCALE

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

# APPROXIMATE EXCAVATION LIMITS 750 ppm DISCRETE (SECTION N) INCLUDING REMOVAL IN PAVED AREAS

ARCADIS

FIGURE
C-37

CITY:SYRACUSE DIV/GROUP:ENV DB:KDM DMW G.STOWELL PM:C.AVERILL LYR:ON=*;OFF=*REF
V:\ENVCAD\SYRACUSE\ACTIVE\60010003000400001\DWG\COMBINED\10003G38.DWG LAYOUT: C-38 SAVED: 7/19/2013 1:56 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-LD2B-ADOBEPDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/19/2013 2:01 PM BY: KOWALCZYK, STEVE
XREFS: IMAGES: PROJECTNAME: ---
10003X00
10003X01
10003X02

THOMSON FACILITY

**AVERAGING AREA 1**
**(FORMER OUTLET FROM EAST SWALE TO US HIGHWAY 23 SOUTH)**

| EB-19 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 14.0 | 10.0 |
| 30 – 36 | 18.0 | 12.0 |

| EB-26 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 13.0 | <1.0 |
| 30 – 36 | 580 | 24.0 |

| EB-18 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 4,000 [14.0*] | 310 [107*] |
| 30 – 36 | 15.0 [16.0*] | 13.0 [14.5*] |

| EB-27 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 180,000 [64,000*] | 1,700 [570*] |
| 30 – 36 | 2,900 [2,850*] | 87.0 [81.0*] |

| EB-28 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 2,900 | 57.0 |
| 30 – 36 | 3,700 | 49.0 |

| EB-17 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 15.0 | 8.1 |
| 30 – 36 | 340 | 34.0 |

| EB-29 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 2,500 | 21.0 |
| 30 – 36 | 1,400 | 57.0 |

| EB-33 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 170 | 11.0 |
| 30 – 36 | 36.0 | 8.0 |

| EB-25 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 6.5 | <1.1 |
| 30 – 36 | 68.0 | 7.9 |

| EB-24 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 26.0 | 18.0 |
| 30 – 36 | 22.0 | 6.1 |

| EB-23 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 41.0 | 20.0 |
| 30 – 36 | 39.0 | 17.0 |

| EB-20 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 13.0 | 7.3 |
| 30 – 36 | 14.0 | 11.0 |

| EB-22 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 23.0 | 16.0 |
| 30 – 36 | 150 | 23.0 |

| EB-21 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 17.0 | 14.0 |
| 30 – 36 | 110 | 22.0 |

| EB-7 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 2,000 | 76.0 |
| 18 – 24 | 19.0 | 7.7 |

| EB-8 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 190 | 22.0 |
| 18 – 24 | 14.0 | 6.3 |

| EB-6 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 790 | 43.0 |
| 18 – 24 | 510 | 37.0 |

| EB-32 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 13.0 | 9.3 |
| 30 – 36 | 11.0 | 7.2 |

| EB-30 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 16.0 | 4.4 |
| 30 – 36 | 33.0 | 10.0 |

| EB-16 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 21.0 | 7.7 |
| 30 – 36 | 240 | 25.0 |

| EB-31 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 42.0 | <1.0 |
| 18 – 24 | 400 | 46.0 |

| EB-15 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 660 | 35.0 |
| 30 – 36 | 2,000 | 92.0 |

| EB-14 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 24.0 | 8.2 |
| 30 – 36 | 690 | 34.0 |

| EB-12 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 890 | 47.0 |
| 18 – 24 | 540 | 31.0 |

| EB-13 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 15.0 | 8.0 |
| 18 – 24 | 160 | 26.0 |

| EB-1 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 160 | 29.1 |
| 18 – 24 | 10.0 | 10.0 |

| EB-5 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 190 | 25.0 |
| 18 – 24 | 23.0 | 9.2 |

| EB-9 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 330 [305*] | 24.0 [31.5*] |
| 18 – 24 | 4,200 [4,005*] | 260 [259*] |

| EB-4 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 900 | 57.0 |
| 18 – 24 | 380 | 30.0 |

| EB-10 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 18 – 24 | 17.0 | 9.5 |
| 30 – 36 | 15.0 | 7.8 |

| EB-11 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 18.0 | 9.2 |
| 18 – 24 | 14.0 | 8.0 |

| EB-3 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 22.0 | 14.0 |
| 18 – 24 | 14.0 | 7.2 |

| EB-2 | | |
|---|---|---|
| Depth | Lead | Arsenic |
| 6 – 12 | 16.0 | 9.5 |
| 18 – 24 | 22.0 | 13.0 |

509.81

5501.51

NOTE:

1. SHADED SAMPLE IDs INDICATE SAMPLES COLLECTED FROM PAVED AREAS.

0 40' 80'
GRAPHIC SCALE

FORMER THOMSON/RCA FACILITY
CIRCLEVILLE, OHIO

**APPROXIMATE EXCAVATION LIMITS**
**750 ppm DISCRETE (SECTION N)**
**EXCLUDING REMOVAL IN PAVED AREAS**

ARCADIS

FIGURE
**C-38**