



| Thickness Map | | | | |
|---------------|---------------|---------------|-------------------|-----------------|
| Range | Minimum Depth | Maximum Depth | 2D Area (Sq. Ft.) | Color |
| 1 | -5.00 | -4.00 | 0.00 | Dark Blue |
| 2 | -4.00 | -3.00 | 0.00 | Medium Blue |
| 3 | -3.00 | -2.00 | 0.00 | Light Blue |
| 4 | -2.00 | -1.00 | 0.00 | Very Light Blue |
| 5 | -1.00 | 0.00 | 320,818.62 | Cyan |
| 6 | 0.00 | 1.00 | 339,371.08 | Grey |

LEGEND

- 12-10-2019 TOPOGRAPHY (2' CONTOUR)
 - 12-10-2019 TOPOGRAPHY (10' CONTOUR)
 - .25 MINOR ELEVATION CHANGE CONTOUR (0.25 FEET)
 - .50 MAJOR ELEVATION CHANGE CONTOUR (0.50 FEET)
 - 0.03 SPOT ELEVATION DIFFERENCE (10-18-2019 to 1-15-2020)
 - 1-2020 *SETTLEMENT FRONT CONTOUR FOR AREA WITH 4.00' PER 89 DAYS FOR CURRENT PERIOD OF DAYS
- *NONE FOR 10-18-2019 THROUGH 1-15-2020

NOTES:

1. EXISTING CONTOURS DEVELOPED FROM SITE AERIAL TOPOGRAPHIC SURVEY BY COOPER AERIAL SURVEYS CO. ON DECEMBER 10, 2019.
2. FOR CLARITY, NOT ALL SITE FEATURES MAY BE SHOWN.
3. ELEVATION DIFFERENCE DETERMINED BY SUBTRACTING SPOT ELEVATIONS SURVEYED ON 10-18-19 FROM SPOT ELEVATIONS SURVEYED ON 1-15-20.
4. SURVEY POINTS WERE PERFORMED USING GPS METHODS.
5. SETTLEMENT RANGE SURFACE WAS GENERATED FROM THE SPOT ELEVATION DIFFERENCES.
6. ELEVATION DIFFERENCES THAT ARE SHOWN AS NEGATIVE INDICATE SPOTS OF SETTLEMENT.
7. ANY POINTS THAT ARE NOT A GROUND-TO-GROUND COMPARISON TO THE PREVIOUS MONTH'S POINTS, OR THAT WERE NOT SURVEYED IN THE SAME LOCATION AS THE PREVIOUS MONTH ARE NOT INCLUDED AND WERE NOT USED IN ANY SURFACE GENERATION.

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| BRIDGETON LANDFILL, LLC 13570 SAINT CHARLES ROCK RD BRIDGETON, MO 63044 | | BRIDGETON LANDFILL SETTLEMENT MONITORING | | JANUARY 2020 | | DRAWING NO.: |
| SETTLEMENT MAP - N. QUARRY 10/18/2019 - 01/15/2020 | | | | DESIGNED BY: IN | | |
| | | | | APPROVED BY: DRF | | |
| PROJECT NUMBER: BT-145 | | FILE PATH: D:\Dropbox (Feezor Engineering)\Bridgeton\100-149BT-145 (Agreed Order Reporting)\Quarterly Settlement\2020-01\Quarterly NO Settlement 1-15-2020.dwg | | REVISION | DATE | |