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# BRIDGETON LANDFILL

## 2018 Q3 INFRASTRUCTURE UPDATE

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OCTOBER 2018  
PREPARED FOR:

**BRIDGETON LANDFILL, LLC**  
13570 ST. CHARLES ROCK ROAD  
BRIDGETON, MISSOURI 63044



LOCATION MAP



3377 HOLLENBERG DRIVE  
BRIDGETON, MO 63044  
TEL. (217) 483-3118

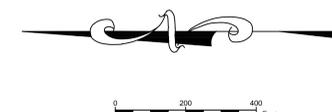
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| 005 | 2018 Q3 SITE INFRASTRUCTURE - REMOVED IN Q3 SHOWN IN COLOR |





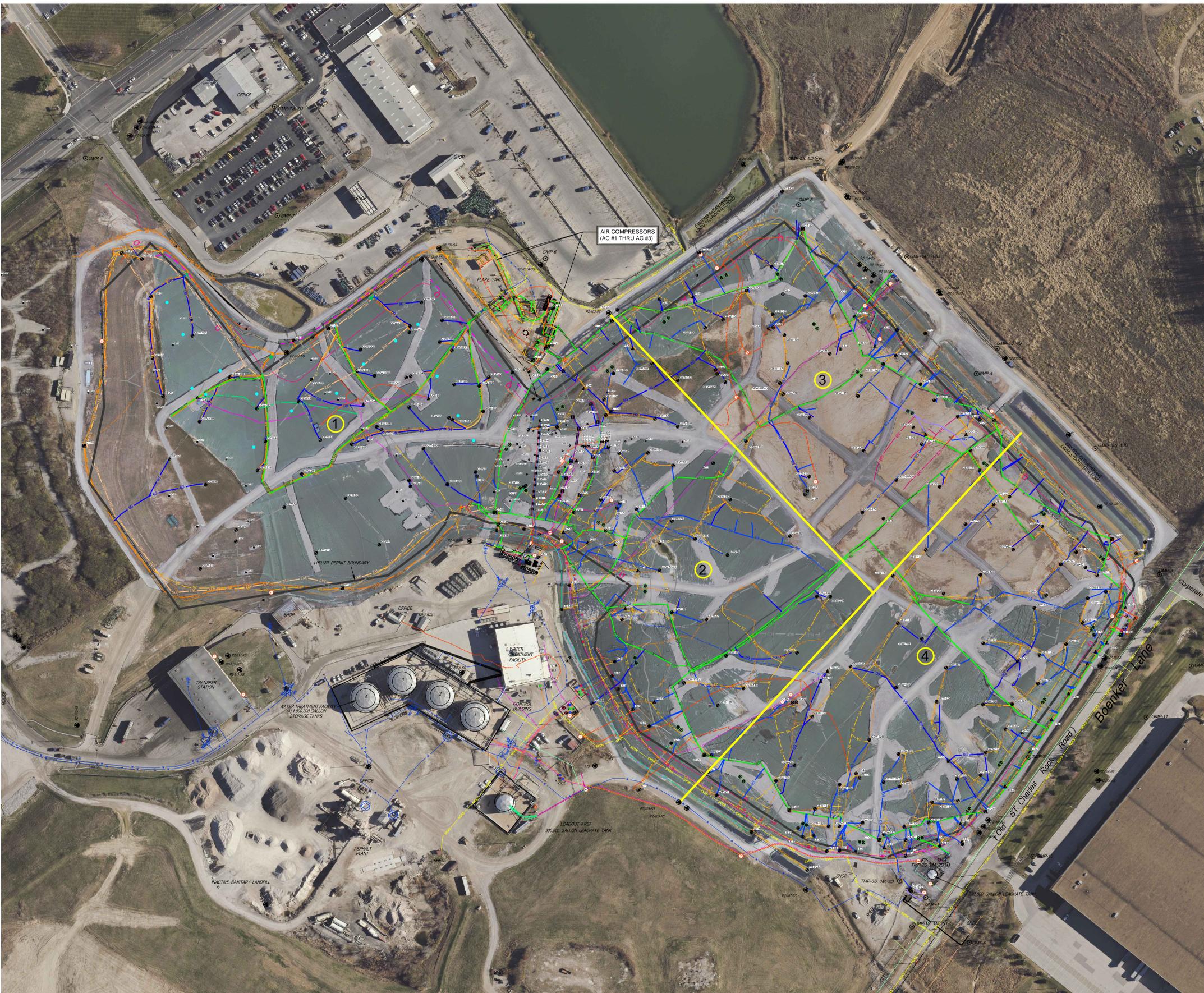
| LEGEND |                            |
|--------|----------------------------|
|        | SOLID WASTE BOUNDARY       |
|        | QUARRY WALL                |
|        | FENCE LINE                 |
|        | GAS MONITORING PROBE       |
|        | PIEZOMETER MONITORING WELL |



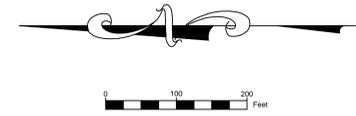
NOTES:  
 AERIAL TOPOGRAPHY PROVIDED BY COOPER AERIAL SURVEYS CO. AND IS DATED DECEMBER 2, 2017. AERIAL IMAGERY WAS SUPPLEMENTED BY JETT ENVIRONMENTAL CONSULTING VIA DRONE ON MARCH 3, 2018.

|   |   |          |  |              |
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| BRIDGETON LANDFILL, LLC<br>13570 ST. CHARLES ROCK ROAD<br>BRIDGETON, MISSOURI 63044 | BRIDGETON LANDFILL<br>2018 Q3 INFRASTRUCTURE<br>UPDATE  |          | OCTOBER 2018<br>DESIGNED BY: AMR<br>APPROVED BY: DRF | DRAWING NO.: |
| FULL SITE PLAN VIEW W/ AERIAL   |   |          |  | <b>001</b>   |
| PROJECT NO: BT-130-18   | FILE PATH: C:\Users\drf\Documents\Feezor Engineering\Bridgeton\18-14087-130\Quantis\Infrastructure\2018- Full SitePlan\BT-18-130-Q3-Infrastructure-Siteplan | REVISION | DATE   |              |





| LEGEND |  |
|--------|--|
|        | SOLID WASTE BOUNDARY                               |
|        | GAS MONITORING PROBE                               |
|        | PIEZOMETER MONITORING WELL                         |
|        | GAS EXTRACTION WELL                                |
|        | INTERCEPTOR TRENCH SUMP                            |
|        | SURFACE EXTRACTION WELL                            |
|        | PERIMETER GAS EXTRACTION WELL                      |
|        | LFG ISOLATION VALVE                                |
|        | LEACHATE ISOLATION VALVE                           |
|        | FLOW METER   |
|        | GRIT CHAMBER                                       |
|        | LIFT STATION                                       |
|        | CONDENSATE SUMP                                    |
|        | CONDENSATE TRAP/HEADER CONNECTION SUMP             |
|        | LEACHATE COLLECTION SUMP                           |
|        | HORIZONTAL COLLECTION SUMP                         |
|        | PERIMETER SUMP                                     |
|        | LEACHATE COLLECTION SUMP                           |
|        | SURFACE COLLECTOR                                  |
|        | TEMPERATURE MONITORING PROBE                       |
|        | SUBSURFACE RCP WELLS                               |
|        | TRENCH SUMP  |
|        | INTERCEPTION TRENCH RISER                          |
|        | PERIMETER LEACHATE SUMP                            |
|        | WELL HEAD RISER                                    |
|        | WELL BORE BOOT                                     |
|        | TRENCH SUMP  |
|        | OVER LINER TIE IN POINT                            |
|        | GAS INTERCEPTOR WELL                               |
|        | GAS INTERCEPTOR WELL/HEAT EXTRACTION POINT         |
|        | CLEAN OUT  |
|        | GAS EXTRACTION WELL WITH 4' STINGER                |
|        | CONTAINMENT SUMP PUMP STATION FOR TOE STRIP DRAIN  |
|        | DOWNSLOPE STRIP DRAIN COLLECTOR 6" RISER STUB      |
|        | QUADRANT #   |
|        | POWER PANEL  |
|        | QUARRY WALL  |
|        | LEACHATE COLLECTION PIPING                         |
|        | DUAL CONTAINED LCS FORCEMAIN (SIZE VARIES)         |
|        | DUAL CONTAINED PERIMETER FORCEMAIN (SIZE VARIES)   |
|        | LEACHATE COLLECTION PIPING (SIZE VARIES)           |
|        | TOE DRAIN  |
|        | 4" PERFORATED TRENCH DRAIN                         |
|        | BUBBLE SUCKER                                      |
|        | AIR LINE   |
|        | AIR LINE (PRESSURIZED BELOW GROUND)                |
|        | BURIED LFG COLLECTION PIPING (SIZE VARIES)         |
|        | 2" ABOVE GROUND LFG COLLECTION LATERAL PIPING      |
|        | 4" ABOVE GROUND LFG COLLECTION LATERAL PIPING      |
|        | 6" ABOVE GROUND LFG COLLECTION LATERAL PIPING      |
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|        | 18" ABOVE GROUND LFG COLLECTION LATERAL PIPING     |
|        | 24" ABOVE GROUND LFG COLLECTION LATERAL PIPING     |
|        | 2" PRESSURIZED AIR / 2" FORCEMAIN IN COMMON TRENCH |
|        | ABOVEGROUND ELECTRIC LINE                          |
|        | UNDERGROUND ELECTRIC LINE                          |
|        | WATERMAIN  |
|        | NATURAL GAS LINE                                   |
|        | FIBER OPTIC LINE                                   |
|        | FENCE LINE   |
|        | INTERCEPTOR TRENCH                                 |
|        | HEAT EXTRACTION EFFLUENT PIPING                    |
|        | HEAT EXTRACTION INFLUENT PIPING                    |
|        | UNDERLINER STRIP DRAIN COLLECTOR                   |
|        | CURRENT EAST FILL PROJECT BOUNDARY                 |
|        | INFRASTRUCTURE ROAD CROSSING                       |
|        | BUILDING   |
|        | HAUL ROAD  |



NOTES:  
 1. GAS AND LIQUID EXTRACTION POINTS THAT HAVE BEEN TEMPORARILY DECOMMISSIONED (PHYSICALLY DISCONNECTED FROM THE COLLECTION AND CONTROL SYSTEM DUE TO DECLINING GAS FLOWS), AND/OR ABANDONED (PERMANENTLY AND PHYSICALLY REMOVED FROM THE COLLECTION AND CONTROL SYSTEM DUE TO INABILITY TO COLLECT GAS) HAVE BEEN REMOVED FROM THE SITE

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| BRIDGETON LANDFILL, LLC<br>13570 ST. CHARLES ROCK ROAD<br>BRIDGETON, MISSOURI 63044 | BRIDGETON LANDFILL<br>2018 Q3 INFRASTRUCTURE<br>UPDATE  | <br>Engineering for a Better World<br>FEEZOR ENGINEERING, INC.<br>ENGINEERING | OCTOBER 2018<br>DESIGNED BY: AMR<br>APPROVED BY: DRF | DRAWING NO.: |
| 2018 Q3 SITE INFRASTRUCTURE   |   |   |  | <b>003</b>   |
| PROJECT NO: BT-130-18   | FILE PATH: C:\Users\amr\Desktop\Project Engineering\Bridgeton\18-14087-130-Quarry Infrastructure\2018-03-2018 Q3 Infrastructure.dwg | REVISION  | DATE   |              |

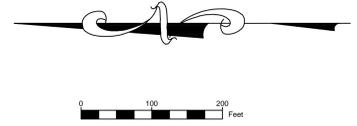


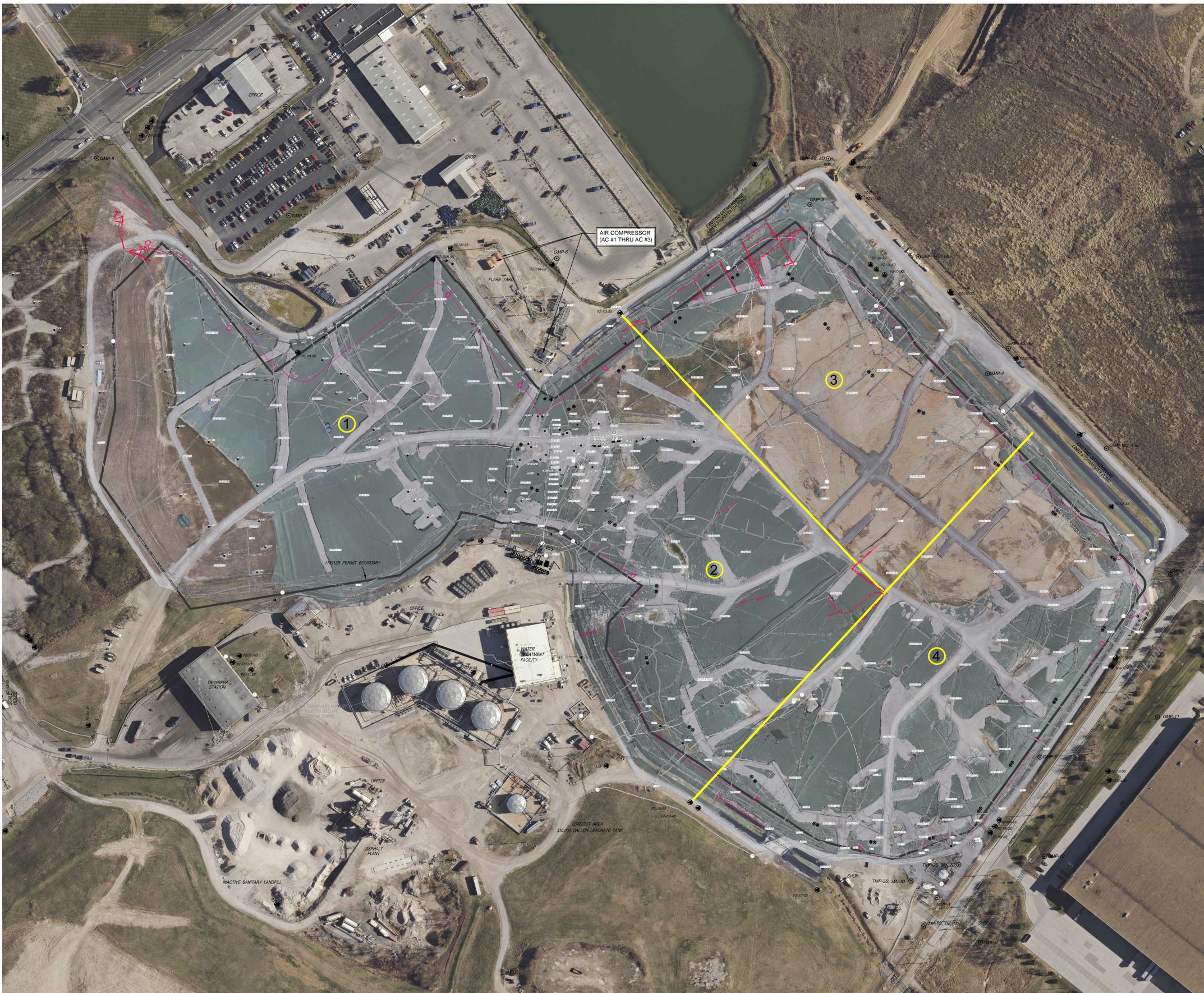
| LEGEND |  |
|--------|--|
|        | SOLID WASTE BOUNDARY                               |
|        | GAS MONITORING PROBE                               |
|        | PIEZOMETER MONITORING WELL                         |
|        | GAS EXTRACTION WELL                                |
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| PROJECT NO: BT-130-18   | FILE PATH: C:\Users\amr\Desktop\Feezor\Engineering\2018\10-14-18\2018 Q3 Infrastructure\2018 Q3 Infrastructure.dwg | Revision  | Date   |              |





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