BRIDGETON LANDFILL

2018 Q4 INFRASTRUCTURE UPDATE

JANUARY 2019
PREPARED FOR:

LOCATION MAP

N

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

INDEX OF DRAWINGS

	TITLE PAGE
001	FULL SITE PLAN VIEW W/ AERIAL
002	FULL SITE PLAN VIEW
003	2018 Q4 SITE INFRASTRUCTURE PLAN
004	2018 Q4 SITE INFRASTRUCTURE - UPDATES IN Q4 SHOWN IN COLOR
005	2018 Q4 SITE INFRASTRUCTURE - REMOVED IN Q4 SHOWN IN COLOR

Engineering for a Better World
FEEZOR
ENGINEERING, INC.

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

STATE OF MISSOURI
DANIEL RICHARD FEEZOR
NUMBER PE-030292
PROFESSIONAL ENGINEER
1-22-19

LEGEND

- SOLID WASTE BOUNDARY
- QUARRY WALL
- FENCE LINE
- GAS MONITORING PROBE (GMP-4)
- PIEZOMETER MONITORING WELL (PZ-105-SS)
- CURRENT SOUTHWEST FILL PROJECT BOUNDARY

0 200 400 Feet

NOTES:
- AT THE TIME OF THIS SUBMITTAL, THE CONSTRUCTION OF THE SOUTHWEST FILL PROJECT IS ONGOING. INFRASTRUCTURE DISPLAYED INSIDE THE PROJECT BOUNDARY IS THE DESIGN LAYOUT. ANY MODIFICATIONS TO THIS LAYOUT WILL BE REFLECTED ON FUTURE INFRASTRUCTURE SUBMITTALS.

NOTES:
AERIAL TOPOGRAPHY PROVIDED BY COOPER AERIAL SURVEYS CO. AND IS DATED DECEMBER 12, 2018.

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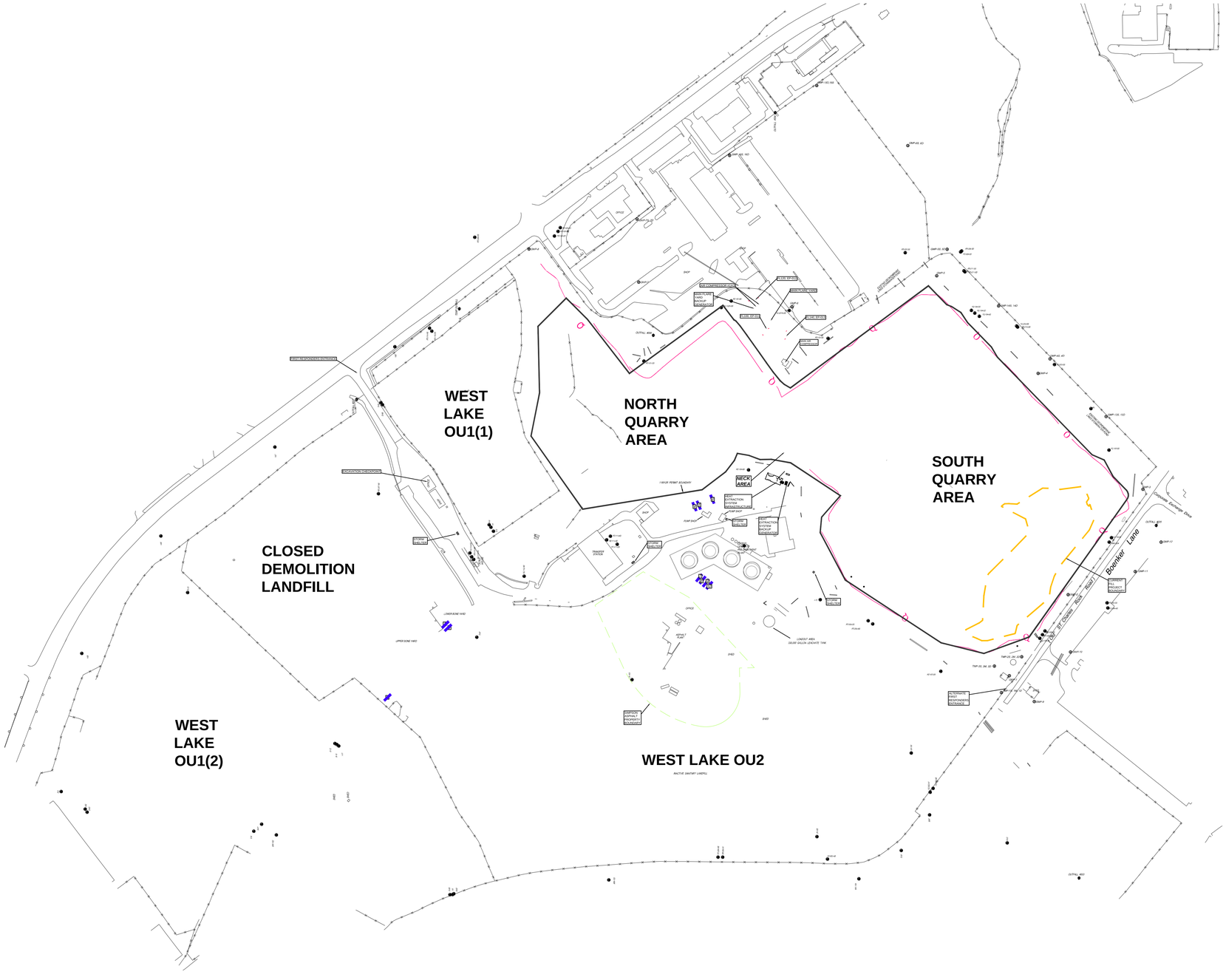
FULL SITE PLAN VIEW W/ AERIAL			
PROJECT NO: BT-130-19	FILE PATH: C:\Users\arder\Dropbox (Feezor Engineering)\Bridgeton\100-149\BT-130 (Quarterly Infrastructure)\2018\2 - Final Submittals\BT-130 - 2018 Q4 Infrastructure Submittal		REVISION DATE

DRAWING NO.: **001**



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FULL SITE PLAN VIEW				002
PROJECT NO: BT-130-19	FILE PATH: C:\Users\ander\Dropbox (Feezor Engineering)\Bridgeton\100-149\BT-130 (Quarterly Infrastructure)\2018\2 - Final Submittals\BT-130 - 2018 Q4 Infrastructure Submittal		REVISION	DATE

LEGEND

	SOLID WASTE BOUNDARY
GMP-4	GAS MONITORING PROBE
PZ-204-AS	PIEZOMETER MONITORING WELL
GEW-38	GAS EXTRACTION WELL
ITS1	INTERCEPTOR TRENCH SUMP
SEW-63	SURFACE EXTRACTION WELL
PEW-20	PERIMETER GAS EXTRACTION WELL
	LFG ISOLATION VALVE
	LEACHATE ISOLATION VALVE
	FLOW METER
	GRIT CHAMBER
	LIFT STATION
CT-1	CONDENSATE SUMP
CTNC-1	CONDENSATE TRAP/HEADER CONNECTION SUMP
LS-1 / LS-6	LEACHATE COLLECTION SUMP
AS-1	HORIZONTAL COLLECTION SUMP
PS-15	PERIMETER SUMP
LCS-2D	LEACHATE COLLECTION SUMP
SC-81	SURFACE COLLECTOR
TMP-9	TEMPERATURE MONITORING PROBE
GC-3	SUBSURFACE RCP WELLS
ITL-2	TRENCH SUMP
ITI-7	INTERCEPTION TRENCH RISER
PL-7	PERIMETER LEACHATE SUMP
	WELL HEAD RISER
WB-1	WELL BORE BOOT
TS-1	TRENCH SUMP
OL-12	OVER LINER TIE IN POINT
	GAS INTERCEPTOR WELL
GIW-4	GAS INTERCEPTOR WELL/HEAT EXTRACTION POINT
CO	CLEAN OUT
GEW-38(S)	GAS EXTRACTION WELL WITH 4" STINGER
GEW-38	EXTRACTION POINT - ABANDONED
GEW-38	EXTRACTION POINT - NO LONGER PRESENT
GEW-38	EXTRACTION POINT - TEMPORARILY DECOMMISSIONED
CS-1	CONTAINMENT SUMP PUMP STATIION FOR TOE STRIP DRAIN
	DOWNSLOPE STRIP DRAIN COLLECTOR 6" RISER STUB
1	QUADRANT #
	POWER PANEL
Q	QUARRY WALL
L	LEACHATE COLLECTION PIPING
L	DUAL CONTAINED LCS FORCEMAIN (SIZE VARIES)
L	DUAL CONTAINED PERIMETER FORCEMAIN (SIZE VARIES)
L	LEACHATE COLLECTION PIPING (SIZE VARIES)
6TD	TOE DRAIN
4PU	4" PERFORATED TRENCH DRAIN
	BUBBLE SUCKER
2A	AIR LINE
2AU	AIR LINE (PRESSURIZED BELOW GROUND)
GG	BURIED LFG COLLECTION PIPING (SIZE VARIES)
2G	2" ABOVE GROUND LFG COLLECTION LATERAL PIPING
4G	4" ABOVE GROUND LFG COLLECTION LATERAL PIPING
6G	6" ABOVE GROUND LFG COLLECTION LATERAL PIPING
8G	8" ABOVE GROUND LFG COLLECTION LATERAL PIPING
10G	10" ABOVE GROUND LFG COLLECTION LATERAL PIPING
12G	12" ABOVE GROUND LFG COLLECTION LATERAL PIPING
18G	18" ABOVE GROUND LFG COLLECTION HEADER PIPING
24G	24" ABOVE GROUND LFG COLLECTION LATERAL PIPING
A/FM	2" PRESSURIZED AIR / 2" FORCEMAIN IN COMMON TRENCH
E	ABOVEGROUND ELECTRIC LINE
UE	UNDERGROUND ELECTRIC LINE
W	WATERMAIN
NGAS	NATURAL GAS LINE
FO	FIBER OPTIC LINE
X	FENCE LINE
4G	INTERCEPTOR TRENCH
	HEAT EXTRACTION EFFLUENT PIPING
	HEAT EXTRACTION INFLUENT PIPING
	UNDERLINER STRIP DRAIN COLLECTOR
	CURRENT SOUTHWEST FILL PROJECT BOUNDARY
	INFRASTRUCTURE ROAD CROSSING
	BUILDING
	HAUL ROAD

0 150 300 Feet

SCALE - 1" = 150'

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DRAWING NO.: **003**

LEGEND

	SOLID WASTE BOUNDARY
GMP-4	GAS MONITORING PROBE
PZ-20M-AS	PIEZOMETER MONITORING WELL
GEW-38	GAS EXTRACTION WELL
ITS1	INTERCEPTOR TRENCH SUMP
SEW-63	SURFACE EXTRACTION WELL
PEW-20	PERIMETER GAS EXTRACTION WELL
	LFG ISOLATION VALVE
	LEACHATE ISOLATION VALVE
	FLOW METER
	GRIT CHAMBER
	LIFT STATION
CT-1	CONDENSATE SUMP
CT/HC-1	CONDENSATE TRAP/HEADER CONNECTION SUMP
LS-1 / LS-6	LEACHATE COLLECTION SUMP
HZ-1	HORIZONTAL COLLECTION SUMP
PS-15	PERIMETER SUMP
LCS-2D	LEACHATE COLLECTION SUMP
SC-81	SURFACE COLLECTOR
TMP-9	TEMPERATURE MONITORING PROBE
GC-3	SUBSURFACE RCP WELLS
ET-2	TRENCH SUMP
IT-7	INTERCEPTION TRENCH RISER
PL-7	PERIMETER LEACHATE SUMP
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1	QUADRANT #
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NGAS	NATURAL GAS LINE
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4G	INTERCEPTOR TRENCH
	HEAT EXTRACTION EFFLUENT PIPING
	HEAT EXTRACTION INFLUENT PIPING
	UNDERLINER STRIP DRAIN COLLECTOR
	CURRENT SOUTHWEST FILL PROJECT BOUNDARY
	INFRASTRUCTURE ROAD CROSSING
	BUILDING
	HAUL ROAD

0 100 200 Feet

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0 100 200 Feet

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