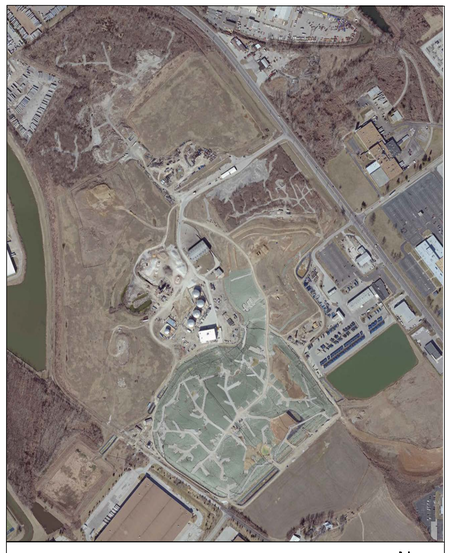
BRIDGETON LANDFILL 2016
Q3 INFRASTRUCTURE UPDATE

OCTOBER 2016
PREPARED FOR:

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



LOCATION MAP

N

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Engineering for a Better World
FEEZOR ENGINEERING, INC.

3377 HOLLENBERG DRIVE
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TEL. (217) 483-3118
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STATE OF MISSOURI
DANIEL RICHARD FEEZOR
NUMBER PE-0302282
PROFESSIONAL ENGINEER
10/24/16

LEGEND

- SOLID WASTE BOUNDARY
- Q — QUARRY WALL
- x — x — x — FENCE LINE
- GMP-4 — GAS MONITORING PROBE
- PZ-105-SS — PIEZOMETER MONITORING WELL

0 200 400 Feet

NOTE: SEVERAL SIGNIFICANT PROJECTS ARE CURRENTLY UNDER CONSTRUCTION AT SITE.

AS-BUILTS TO BE SUBMITTED UPON COMPLETION AND CERTIFICATION.

BRIDGETON LANDFILL, LLC 13570 ST. CHARLES ROCK ROAD BRIDGETON, MISSOURI 63044	BRIDGETON LANDFILL 2016 Q3 INFRASTRUCTURE UPDATE		OCTOBER 2016 DESIGNED BY: AMR APPROVED BY: DRF
FULL SITE PLAN VIEW W/ AERIAL		Engineering for a Better World FEEZOR ENGINEERING, INC.	DRAWING NO.: **001**
PROJECT NO: BT-092	FILE PATH: D:\Andrew-FD-Documents\Dropbox (Feezor Engineering)\Working\BT-092 – 2016 Q3 Infrastructure Submittal		REVISION / DATE

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FULL SITE PLAN VIEW				
PROJECT NO: BT-092	FILE PATH: D:\Andrew-FE\-Documents\Dropbox (Feezor Engineering)\Working\BT-092 - 2016 Q3 Infrastructrue 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
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-B1	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
	WELL HEAD RISER
WB-1	WELL BORE BOOT
TS-1	TRENCH SUMP
OL-12	OVER LINER TIE IN POINT
GIW-4	GAS INTERCEPTOR WELL
GIW-4	GAS INTERCEPTOR WELL/HEAT EXTRACTION POINT
	CLEAN OUT
GEW-38(S)	GAS EXTRACTION WELL WITH 4" STINGER
1	QUADRANT #
	POWER PANEL
Q	QUARRY WALL
L L L	LEACHATE COLLECTION PIPING
L L L	DUAL CONTAINED LCS FORCEMAIN (SIZE VARIES)
L L L	DUAL CONTAINED PERIMETER FORCEMAIN (SIZE VARIES)
L L L	LEACHATE COLLECTION PIPING (SIZE VARIES)
6TD	TOE DRAIN
4PU 4PU	4" PERFORATED TRENCH DRAIN
	BUBBLE SUCKER
2A 2A 2A	AIR LINE
2AU 2AU 2AU	AIR LINE (PRESSURIZED BELOW GROUND)
LCG LCG LCG	BURIED LFG COLLECTION PIPING (SIZE VARIES)
2G 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 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 UE UE	UNDERGROUND ELECTRIC LINE
W	WATERMAIN
NGAS NGAS	NATURAL GAS LINE
FO FO	FIBER OPTIC LINE
X X X	FENCE LINE
4G 4G	INTERCEPTOR TRENCH
	HEAT EXTRACTION EFFLUENT PIPING
	HEAT EXTRACTION INFLUENT PIPING
	BUILDING
	HAUL ROAD

0 100 200 Feet

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 INFRASTRUCTURE UPDATE.

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BRIDGETON LANDFILL
2016 Q3 INFRASTRUCTURE UPDATE

FEEZOR ENGINEERING, INC.
Engineering for a Better World

2016 Q3 SITE INFRASTRUCTURE

PROJECT NO: BT-092 | FILE PATH: D:\ANDREW-PC\Dropbox (Feezor Engineering)\Working\BT-092 – 2016 Q3 Infrastructure

OCTOBER 2016	
DESIGNED BY: AMR	
APPROVED BY: DRF	
REV 1	10/26/16
REV 2	10/27/16
REVISION	DATE

DRAWING NO.: **003**

LEGEND

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