



February 7, 2017

Mr. Chris Nagel
Missouri Department of Natural Resources
Solid Waste Management Program
1730 East Elm Street
Jefferson City, MO 65101

Ms. Laura Yates
Department of Environmental Health
4562 Lemay Ferry Road
St. Louis, MO 63129

RE: Bridgeton Landfill, LLC
Leachate Collection Sump (LCS) 5A - Replacement

Dear Mr. Nagel and Ms. Yates

On behalf of our client, Bridgeton Landfill LLC (hereinafter Bridgeton Landfill), Feezor Engineering, Inc. (FEI) is providing notification that leachate collection sump LCS-5A will be replaced. LCS-5A currently has an obstruction within the casing (approximately 200 feet deep) that is encumbering pump removal and replacement activities required for periodic maintenance. Bridgeton Landfill has elected to replace the sump due to this issue.

From a volumetric standpoint LCS-5A is operational, however, the pump cannot be lowered any further than the obstruction. Therefore, the LCS-5A replacement is proposed to operate concurrently with LCS-5A until the existing sump can be further investigated.

The LCS-5A replacement (the new LCS is referred to as LCS-5B) will be located further south of the existing location. This would locate the replacement sump more centrally within the deeper quarry shelf that is to the north of the neck. Included with this notification is a drawing entitled *Proposed LCS-5B* which depicts the North Quarry and the neck area of the Bridgeton Landfill with the estimated bottom of quarry grades as well as the LCS-5B proposed location. The actual relocated sump location and depth will be presented with the as-built documentation.

The replacement sump will be constructed in a similar fashion as existing sump LCS-5A, including a nominal 10-inch casing set in a 20-inch borehole. The replacement sump will be drilled to depth corresponding to the estimated quarry bottom at the sump location.

Recovery Drilling is anticipated to mobilize to the site this week to set the surface casing through which the LCS will be drilled and installed. Materials are expected to arrive on-site during the



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week of February 13, 2017. Frontz is anticipated to mobilize to site on February 12, 2017, at the earliest, dependent upon receipt of materials. It is estimated that the actual drilling will require three weeks. Installation of the forcemain connection and the pump within the sump is estimated to require two additional weeks. Therefore, it is estimated that the project will be completed before the end of March, 2017, contingent upon receipt of materials and weather.

If you have any questions, or need any clarification, please contact me, at 217-836-8842, at your convenience.

Sincerely,

A handwritten signature in black ink, appearing to read "Daniel R. Feezor". The signature is fluid and cursive, with the first name "Daniel" and last name "Feezor" clearly distinguishable.

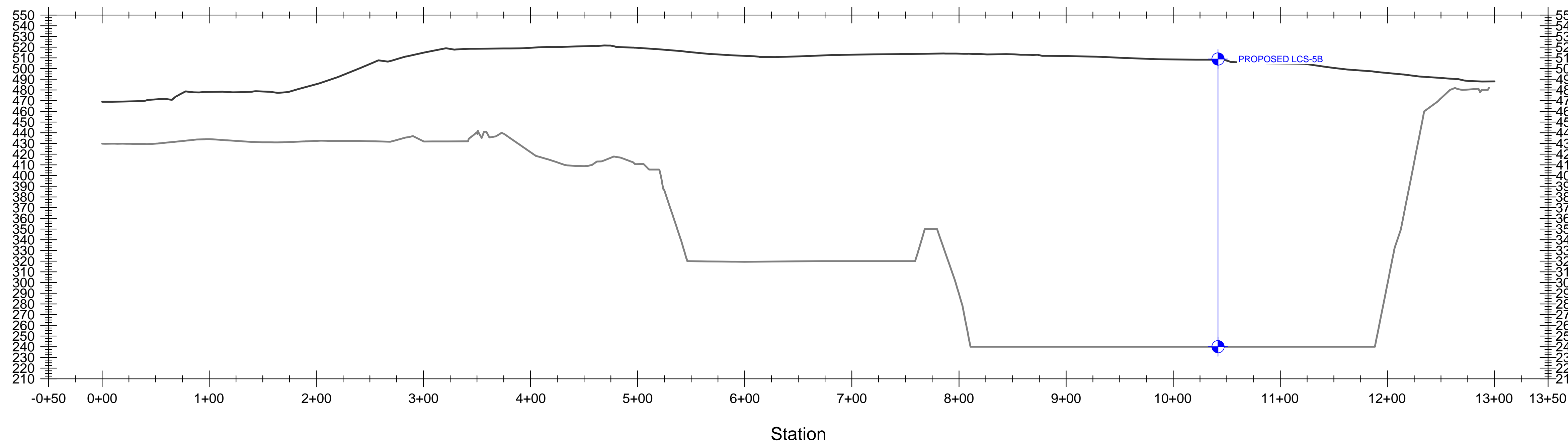
Daniel R. Feezor, P.E.

Feezor Engineering, Inc.

dfeezor@feezorengineering.com

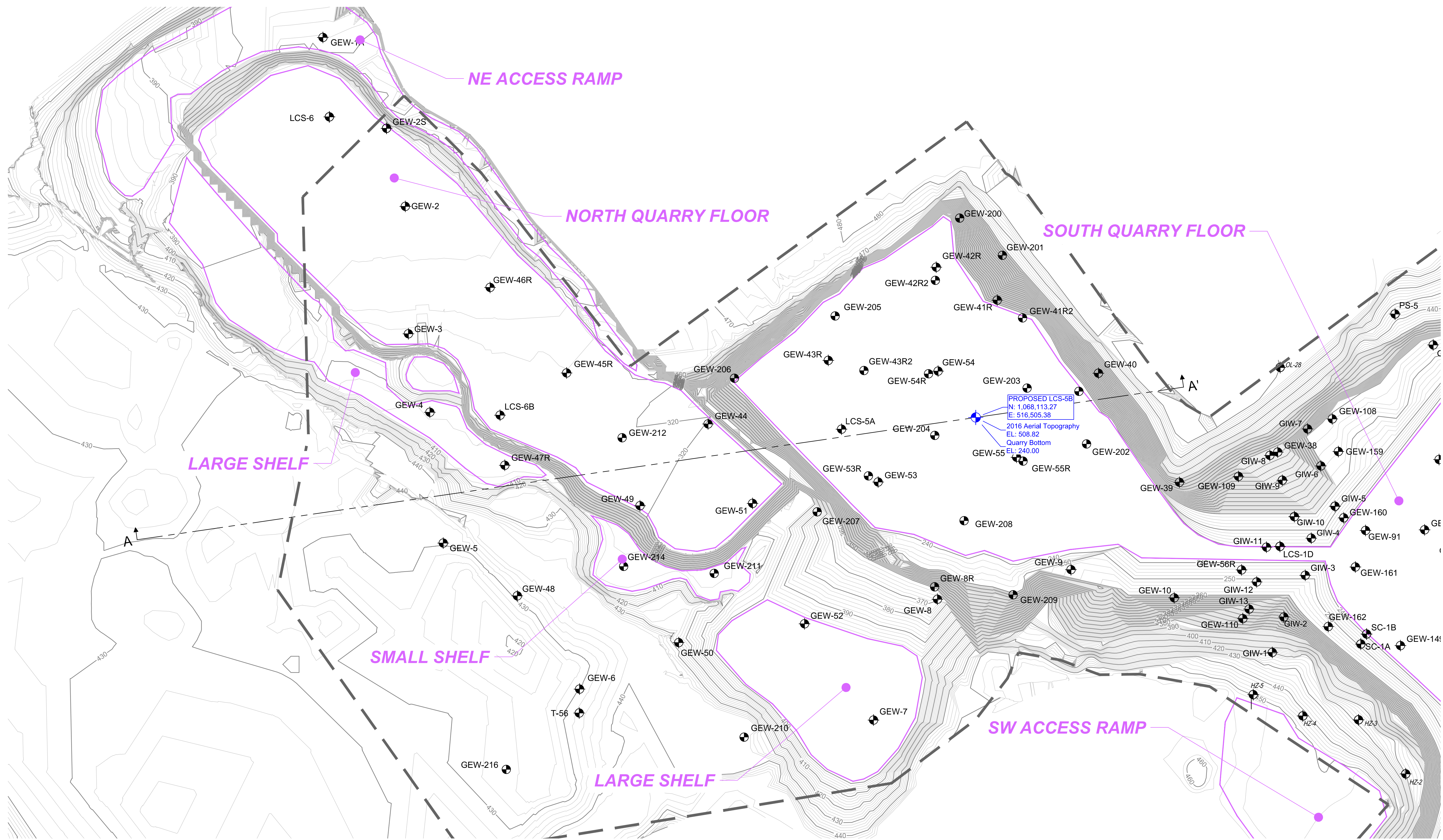
cc: Tom Mahler - EPA Region 7
Brad Vann - EPA Region 7
Erin Fanning - Bridgeton Landfill, LLC
Matt Stewart - Bridgeton Landfill, LLC

Profile View of Alignment A-A'



LEGEND (PROFILE)

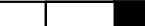
- PROPOSED LCS-5B
- SRF_AERIAL TOPO 02-27-2016
- SRF_BOTTOM OF QUARRY (ESTIMATED)



LEGEND (PLAN)

- PROPOSED LCS-5B
- CURRENT NSPS LOCATIONS
- ESTIMATED BOTTOM OF QUARRY (2' CONTOUR)
- ESTIMATED BOTTOM OF QUARRY (10' CONTOUR)
- SHELF LOCATIONS
- 118912R PERMIT BOUNDARY

- NOTE:
- AERIAL TOPOGRAPHY (PROFILE VIEW) PROVIDED BY COOPER AERIAL SURVEYS, INC. AND IS DATED FEBRUARY 27, 2016
 - ESTIMATED BOTTOM OF QUARRY WAS PROVIDED BY ENVIRONMENTAL INFORMATION LOGISTICS, LLC (EIL)

BRIDGETON LANDFILL, LLC 13570 ST. CHARLES ROCK ROAD BRIDGETON, MISSOURI 63044	BRIDGETON LANDFILL		JANUARY 2017		DRAWING NO.: 001
			DESIGNED BY: PML	APPROVED BY: DRF	
			Engineering for a Better World		
PROPOSED LCS-5B			FEEZOR ENGINEERING, INC.		
PROJECT NO: BT-146	FILE PATH: C:\Desktop\Phase Engineering\Bridgeton\BT-146 (LCS-5A Replacement)\1 - Design\working\04.dwg		REVISION	DATE	