Labadie Energy Center
Proposed Utility Waste Landfill
Franklin County, Missouri
(January 2013, Revised August 2013, Revised November 2013)

SITE LOCATION MAP

Note:
- Map source is "General Air Map, Franklin County, Missouri" by the Missouri Department of Transportation, September 2000.

Permit Drawings - Not for Construction
PERMIT DRAWINGS NOT FOR CONSTRUCTION
NOTES:

1. THE CONTENT OF THE DRAWINGS IS ON A 1:40 SCALED SHEET.
2. IN OTHER AREAS, SCALES NOTED ON SHEET.
3. SEE SHEET 2b FOR STORMWATER POND DETAILS.
4. MONITORING WELL SITES SHOWN ON SHEETS 5 & 15.
5. LARGEST ITEMS & FORCE MAINS LOCATIONS ARE SHOWN TO AID IDENTIFICATION OF ITEMS.
6. EXPENSIVE TO FILL, DESIGN AND OPERATING DEPARTMENT.

PERMIT DRAWINGS NOT FOR CONSTRUCTION
SIDEWALL BOTTOM / LEACHATE COLLECTION
SYSTEM TRANSITION DETAIL (TYPICAL)

BOTTOM LINER AND LEACHATE COLLECTION
SYSTEM DETAIL (TYPICAL)

ANCHOR TRENCH DETAIL (TYPICAL)

ALTERNATE BOTTOM LEACHATE COLLECTION
SYSTEM DETAIL (TYPICAL)

SIEVE GRADATIONS SHOWN FOR INITIAL DESIGN CONSIDERATION ONLY. FINAL DESIGN TO BE DETERMINED BASED ON SITE CONDITIONS.

NOTES:
1. NON-COARSEST AGGREGATE (DRAINAGE MATERIAL) SHALL HAVE A MAXIMUM PARTICLE SIZE BETWEEN 0.425 mm AND 2.00 mm.
2. DRAIN COMPOSITION SHALL HAVE A MAXIMUM TRANSMISSIVITY OF 3.50 CFT/HR/FT² AND MANUFACTURED PRODUCT DATA SHEET.
3. DUMP GRADES SHALL BE 3.00 INCH CLEAN UP TO 3.00 INCH OF DUMP PIPING AND 1.50 INCH A HYDRO-MINERAL SIZE NON-COARSEST GRADES OR EQUIVALENT SIZE FINE MATERIAL.
4. 2-INCH PROTECTIVE SAND AGGREGATE IS PLACED DURING CONSTRUCTION OF LINER AND LEACHATE COLLECTION SYSTEM.
5. PROTECTIVE SAND AGGREGATE SHALL CONSIST OF A WELL-LUMPED NON-COARSEST AGGREGATE WITH A PARTICLE SIZE BETWEEN 0.425 mm AND 2.00 mm.
6. GEOTEXTILE FILTER IS PLACED JUST ABOVE THE DRAIN PIPE.
7. LEACHATE LINE PIPE IS PLACED 90 DEGREES TO THE EMERSON PIPE