

New Construction Permitting Flexibility and Adaptation

Lot 15 Industrial Landfill
Baltimore, MD



Lot 15 Industrial Landfill Overview

Located in Baltimore, MD

65 acre parcel, 32 acre landfill footprint, 6 cells

“Modern” Coal Combustion Byproduct (CCB/CCR) Landfill

- Synthetic Liner
- Leachate Collection System
- Stormwater Controls via engineered wetlands

Regulatory Oversight

- Solid Waste Permit
- NPDES/ 12-SW Permit
- EPA CCR Rule

Landfill Expansion in Maryland

Original permitting completed in 2012 for a total of 6 cells

Phase I construction of Cells 1 & 2 completed in 2012

Next Construction Phase currently being evaluated

Key Considerations

- Current Business Needs
- Future Business Needs
- New Techniques & Materials
- Regulatory Changes (Existing & Proposed)
- Project Scope

Permitting Process

MDE Permitting

- I. MDE Notice of Intent Filing
- II. Construction Activity Inspection Form
- III. General Permit Application (Electronic filing. Fee per COMAR 26.08.04.09.1)
- IV. Public notification required
- V. Solid Waste Construction Document review and approval

Permitting Process Con't

Baltimore City Construction Permit

- I. Baltimore City NPDES Best Management Practice Summary
- II. Erosion and Sediment Control Plan (Review Fee required)
- III. Baltimore City DPW Erosion and Sediment Control Plan Check List
- IV. Erosion and Sediment Control Computations
- V. Erosion and Sediment Control Construction Drawing
- VI. Stormwater Management Plan Revision
- VII. Grading Plan

Permitting Process Con't

Wetland Permit Application

- I. Extension of Department of Army Maryland State Programmatic General Permit – 5 (MDSPGP-5) Effective as of October 1, 2016
- II. Public notification required

BGE Service Application

- I. Project Information
- II. Electric Load Requirements
- III. Site Plan

Additional Considerations

- Alignment with Current Business Model
- New Regulations (NPDES, CCB/CCR, Other)
- Additional EH&S regulatory needs (AST/UST, Tier II, Air, etc.)
- Adjustment of Construction Timing
- Properly Incorporating Forecasting Revisions
- Incorporating ongoing operations into plan
- Stormwater Management