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