



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

PURPOSE
 Clay liner installation
 FML Synthetic liner
 Drainage layer construction

INSPECTION CHECKLIST

Interim Final

Name of Site Bivens Industrial Park Monofill	Registration Number IDL 03-00D-0215
Location Bivens-Cypress Creek Rd. + Old Hwy. 70	Type of facility <input type="checkbox"/> Class I <input checked="" type="checkbox"/> Class II
Owner/Operator Trans-Ask	<input type="checkbox"/> Other (explain) _____

Inspection Date 6-26-14	Time Inspection Began 1:00 PM	Time Inspection Completed 2:00 PM	Weather Conditions and Temperature Cloudy, Warm, + Humid
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CLAY LINER				FML SYNTHETIC LINER			
		Yes	No			Yes	No
Borrow Material				Material			
- Are rocks larger than 2 inches present?		___	___	- Has liner been damaged during storage?		___	___
- Are any roots or debris present?		___	___	- Is FML proper thickness and type?		✓	✓
- Are borrow materials being field tested?		___	___	Installation			
- Is the soil cohesive?		___	___	- Is clay surface smooth and free of rocks?		✓	___
Placement				- Is earth moving equipment kept off liner?		✓	___
- Is subgrade (previous lift) scarified prior to placement?		___	___	- Is QA manager on site?		✓	___
- Is subgrade drying out?		___	___	- Are seam surfaces clean and free of dirt?		✓	___
- Are CQA personnel on site?		___	___	- Are liner anchors in conformance with design?		✓	___
- Are loose lifts of proper thickness?		___	___	- Is liner weighted against wind?		✓	___
- Is a water truck on site to protect the liner from desiccation?		___	___	Testing			
Compaction				- Have all seams been tested (or being tested)?		✓	___
- Is compacted liner being field tested?		___	___	- Are destructive tests being performed?		✓	___
- Do number of passes conform to plan?		___	___	- Are nondestructive tests being performed?		✓	___
- Is equipment on site appropriate for construction of liner?		___	___	DRAINAGE LAYER			
Surface Finishing				Material			
- Is the final lift smooth enough for placement of the geomembrane?		___	___	- Has geotextile been installed to protect FML (if necessary)?		___	___
Protection				- Is the FML exposed?		___	___
- Is the liner being protected from desiccation and freezing?		___	___	- Is drainage material free of dirt?		___	___
Final Grading				- Has (sand/aggregate) drainage material passed the minimum permeability specification?		___	___
- Has liner been surveyed to check grade and thickness?		___	___	Placement Method			
COMMENTS:				- Does placement method protect FML?		___	___
				- Is QA manager on site?		___	___
				- Have leachate trenches been installed according to plans?		___	___
				Geotextile			
				- Does geotextile meet the requirements outlined in the plans?		___	___
				Pipe			
				- Does pipe meet the size and thickness requirements specified in the design plans/drawings?		___	___
				Sumps			
				- Do sump location, configuration and construction materials conform to the approved plans?		___	___

COMMENTS: **Liner has progressed to near completion at the north edge of Phase II (estimated 60% complete). Project looks good + moving forward w/ some delay from rain, but near on track/schedule.**

PERSON INTERVIEWED: *Richard Smith* (Signature) _____ (Title)

INSPECTED BY: *Pete Kelly* (Signature) *EPS* (Title)