



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 03-000-0215
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-Ash Camden	<input type="checkbox"/> Other (explain) _____	

Inspection Date	9-9-14	Time Inspection Began	1:00 PM	Time Inspection Completed	1:25 PM	Weather Conditions and Temperature	Sunny, Hot + Dry
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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?	___	<input checked="" type="checkbox"/>
- Are any roots or debris present?	___	___	- Is FML proper thickness and type?	<input checked="" type="checkbox"/>	___
- Are borrow materials being field tested?	___	___	Installation		
- Is the soil cohesive?	___	___	- Is clay surface smooth and free of rocks?	<input checked="" type="checkbox"/>	___
Placement			- Is earth moving equipment kept off liner?	<input checked="" type="checkbox"/>	___
- Is subgrade (previous lift) scarified prior to placement?	___	___	- Is QA manager on site?	<input checked="" type="checkbox"/>	___
- Is subgrade drying out?	___	___	- Are seam surfaces clean and free of dirt?	<input checked="" type="checkbox"/>	___
- Are CQA personnel on site?	___	___	- Are liner anchors in conformance with design?	<input checked="" type="checkbox"/>	___
- Are loose lifts of proper thickness?	___	___	- Is liner weighted against wind?	<input checked="" type="checkbox"/>	___
- Is a water truck on site to protect the liner from desiccation?	___	___	Testing		
Compaction			- Have all seams been tested (or being tested)?	<input checked="" type="checkbox"/>	___
- Is compacted liner being field tested?	___	___	- Are destructive tests being performed?	<input checked="" type="checkbox"/>	___
- Do number of passes conform to plan?	___	___	- Are nondestructive tests being performed?	<input checked="" type="checkbox"/>	___
- Is equipment on site appropriate for construction of liner?	___	___	DRAINAGE LAYER		
Surface Finishing			Material	Yes	No
- 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		
			- 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: ① Approx. 1 Acre of cap liner to install; should be completed this week.
② Phase II cap construction complete w/ seeding scheduled by next week. Drainage way still gets concrete in Phase II.

PERSON INTERVIEWED: [Signature] (Signature) _____ (Title)
INSPECTED BY: Pete Kelly (Signature) EPS (Title)