



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	<input type="checkbox"/> Other (explain)	

Inspection Date	9-25-14	Time Inspection Began	1:30 P.M.	Time Inspection Completed	2:30 PM	Weather Conditions and Temperature	Warm, Dry Conditions
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CLAY LINER			FML SYNTHETIC LINER		
Borrow Material	Yes	No	Material	Yes	No
- 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?	___	___			
Surface Finishing			DRAINAGE LAYER		
- Is the final lift smooth enough for placement of the geomembrane?	___	___	Material	Yes	No
Protection			- Has geotextile been installed to protect FML (if necessary)?	___	___
- Is the liner being protected from desiccation and freezing?	___	___	- Is the FML exposed?	___	___
Final Grading			- Is drainage material free of dirt?	___	___
- Has liner been surveyed to check grade and thickness?	___	___	- Has (sand/aggregate) drainage material passed the minimum permeability specification?	___	___
			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: Met w/ Nancy Sullivan w/ Triad & Richard Jackson w/ Trans Ash Mike Garbus w/ Trans Ash to walk over site. Entire cap has been seeded & strawed on the top & slopes have been hydro-seeded. Phase I & Phase II drainage ways have been grouted. All sediment control structures are sound. No sediment buildup noted. Project support trailer demobilized. Rainfall will facilitate vegetative process. CQA documents are being completed.

PERSON INTERVIEWED: Richard Jackson (Signature) _____ (Title)
INSPECTED BY: James Kelly (Signature) _____ EPS (Title)