



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

PURPOSE
 Clay liner installation
 FML Synthetic liner
 Drainage layer construction
 Interim Final

INSPECTION CHECKLIST

Name of Site <u>Trans-Ash Industrial Landfill</u>		Registration Number <u>LDL 03-0215</u>	
Location <u>Camden, TN Bivens-Cypress Creek Rd.</u>		Type of facility <input type="checkbox"/> Class I <input checked="" type="checkbox"/> Class II	
Owner/Operator <u>Trans-Ash</u>		<input type="checkbox"/> Other (explain) _____	
Inspection Date <u>6-4-14</u>	Time Inspection Began <u>10:30 AM</u>	Time Inspection Completed <u>11:30 AM</u>	Weather Conditions and Temperature <u>Cloudy, Hot, Humid</u>

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?		<input checked="" type="checkbox"/>	<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		<input checked="" type="checkbox"/>	<u>See Note</u>
- 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		<input checked="" type="checkbox"/>	___
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: Contacts - Mike Gerbus, Oper. Mgr.
John Drenowski, Triad-CQA
Kate Winters, Triad-CQA
Richard Jackson - Trans-Ash, Site Contractor

Marginal surfaces redressed promptly.

PERSON INTERVIEWED: Michael Lelars (Signature) Operations Manager (Title)

INSPECTED BY: Bob Kelly (Signature) EPS. (Title)