



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 <u>Environmental Waste Solutions</u>		Registration Number <u>IDL 03-101-0212</u>	
Location <u>Omni Circle Rd., Camden TN</u>		Type of facility <input type="checkbox"/> Class I <input checked="" type="checkbox"/> Class II	
Owner/Operator <u>Environmental Waste Solutions</u>		<input type="checkbox"/> Other (explain) _____	
Inspection Date <u>11-5-13</u>	Time Inspection Began <u>0750</u>	Time Inspection Completed <u>1520</u>	Weather Conditions and Temperature <u>mild, pty cloudy</u>

CLAY LINER			GCL + HDPE 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? <u>see comments MD</u>	✓	—
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? <u>see comments</u>	✓	—	Material	Yes	No
Protection			- Has geotextile been installed to protect FML (if necessary)?	—	—
- Is the liner being protected from desiccation and freezing? <u>N/A</u>	—	—	- 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: Observed work on final soil lift and placement of GCL and partial placement of HDPE membrane. Due to soft soil conditions in parts of site there were some issues w/ rutting caused by equipment moving GCL. Had to recompact some ruts, sand was placed in other ruts. Some rutting was still observable, but per conversations w/ Sam, w/ Hense, & Jimmy caught w/ Plastic Fusion, the work was within parameters of QA/QC.

PERSON INTERVIEWED:

(Signature)

(Title)

INSPECTED BY:

(Signature)

(Title)