



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

PURPOSE

- ☐ Clay liner installation
☐ FML Synthetic liner
☐ Drainage layer construction
☒ geologic buffer
☒ Interim ☐ Final

INSPECTION CHECKLIST

Name of Site	Garnett Class 4 Landfill	Registration Number	DML 47-0069
Location	1550 Lemons Quarry Rd	Type of facility	<input type="checkbox"/> Class I <input type="checkbox"/> Class II
Owner/Operator	WCA o/c	<input checked="" type="checkbox"/> Other (explain)	CLASS IV

Inspection Date	4/15/13 12:30 pm	Time Inspection Began	12:30 pm	Time Inspection Completed	4/15/13 2:10 pm	Weather Conditions and Temperature	70°F Clear
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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		
			- 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: Excavation observed today - Rock + Soft soils Encountered + being pulled out. Geologic buffer to be placed back in those areas - Include map + elevations in CQA report outlining minimum of 5 foot geologic buffer constructed back prior to construction of clay top final lift at base grade of cell.

PERSON INTERVIEWED: [Signature] (Signature) _____ (Title)
INSPECTED BY: Paula Plot (Signature) EPS3 (Title)