

TENNESSEE DIVISION OF SOLID WASTE MANAGEMENT
CONSTRUCTION FACILITY INSPECTION DOCUMENT

CONSTRUCTION

| | | | |
|------------------|---------------|-----------|---------|
| FACILITY NAME | PERMIT NUMBER | DATE/TIME | WEATHER |
| FACILITY ADDRESS | | EFO | |

CLAY LINER INSTALL

FML SYNTHETIC LINER

DRAINAGE LAYER CONSTRUCTION

| | | | |
|---|--|--|------------|
| A. CLAY LINER | | | OBSERVED |
| 1. BORROW MATERIAL | | | YES NO N/A |
| ARE ANY ROOTS OR DEBRIS PRESENT? | | | |
| COMMENT | | | |
| ARE BORROW MATERIALS BEING FIELD TESTED? | | | |
| COMMENT | | | |
| IS THE SOIL COHESIVE? | | | |
| COMMENT | | | |
| ARE ROCKS LARGER THAN 2 INCHES PRESENT? | | | |
| COMMENT | | | |
| 2. PLACEMENT | | | YES NO N/A |
| IS A WATER TRUCK ON SITE TO PROTECT THE LINER FROM DESICCATION? | | | |
| COMMENT | | | |
| IS SUBGRADE (PREVIOUS LIFT) SCARIFIED PRIOR TO PLACEMENT? | | | |
| COMMENT | | | |
| IS SUBGRADE DRYING OUT? | | | |
| COMMENT | | | |
| ARE CQA PERSONNEL ON SITE? | | | |
| COMMENT | | | |
| ARE LOOSE LIFTS OF PROPER THICKNESS? | | | |
| COMMENT | | | |

| | | | | |
|---|--|-----|----|-----|
| 3. COMPACTION | | YES | NO | N/A |
| IS EQUIPMENT ON SITE APPROPRIATE FOR CONSTRUCTION OF LINER? | | | | |
| COMMENT | | | | |
| IS COMPACTED LINER BEING FIELD TESTED? | | | | |
| COMMENT | | | | |
| DOES NUMBER OF PASSES CONFORM TO PLAN? | | | | |
| COMMENT | | | | |
| 4. SURFACE FINISHING | | YES | NO | N/A |
| IS THE FINAL LIFT SMOOTH ENOUGH FOR THE PLACEMENT OF THE GEOMEMBRANE? | | | | |
| COMMENT | | | | |
| 5. PROTECTION | | YES | NO | N/A |
| IS THE LINER BEING PROTECTED FROM DESICCATION AND FREEZING? | | | | |
| COMMENT | | | | |
| 6. FINAL GRADING | | YES | NO | N/A |
| HAS LINER BEEN SURVEYED TO CHECK GRADE AND THICKNESS? | | | | |
| COMMENT | | | | |

| | | | | |
|---|--|----------|----|-----|
| B. FML SYNTHETIC LINER | | OBSERVED | | |
| 1. MATERIAL | | YES | NO | N/A |
| HAS LINER BEEN DAMAGED DURING STORAGE? | | | | |
| COMMENT | | | | |
| IS FML PROPER THICKNESS AND TYPE? | | | | |
| COMMENT | | | | |
| 2. INSTALLATION | | YES | NO | N/A |
| IS EARTH MOVING EQUIPMENT KEPT OFF LINER? | | | | |
| COMMENT | | | | |
| IS QA MANAGER ON SITE? | | | | |
| COMMENT | | | | |
| ARE SEAM SURFACES CLEAN AND FREE OF DIRT? | | | | |
| COMMENT | | | | |
| ARE LINER ANCHORS IN CONFORMANCE WITH DESIGN? | | | | |
| COMMENT | | | | |
| IS LINER WEIGHTED AGAINST WIND? | | | | |
| COMMENT | | | | |
| IS CLAY SURFACE SMOOTH AND FREE OF ROCKS? | | | | |
| COMMENT | | | | |
| 3. TESTING | | YES | NO | N/A |
| HAVE ALL SEAMS BEEN (OR ARE BEING) TESTED? | | | | |
| COMMENT | | | | |
| ARE DESTRUCTIVE TESTS BEING PERFORMED? | | | | |
| COMMENT | | | | |
| ARE NON-DESTRUCTIVE TESTS BEING PERFORMED? | | | | |
| COMMENT | | | | |

| | | |
|--|--|------------|
| C. DRAINAGE LAYER | | OBSERVED |
| 1. MATERIAL | | YES NO N/A |
| HAS GEOTEXTILE BEEN INSTALLED TO PROTECT FML (IF NECESSARY)? | | |
| COMMENT | | |
| HAS (SAND / AGGREGATE) DRAINAGE MATERIAL PASSED THE MINIMUM PERMEABILITY SPECIFICATION? | | |
| COMMENT | | |
| IS THE FML EXPOSED? | | |
| COMMENT | | |
| IS DRAINAGE MATERIAL FREE OF DIRT? | | |
| COMMENT | | |
| 2. PLACEMENT METHOD | | YES NO N/A |
| DOES PLACEMENT METHOD PROTECT THE FML? | | |
| COMMENT | | |
| IS QA MANAGER ON SITE? | | |
| COMMENT | | |
| HAVE LEACHATE TRENCHES BEEN INSTALLED ACCORDING TO PLAN? | | |
| COMMENT | | |
| 3. GEOTEXTILE | | YES NO N/A |
| DOES GEOTEXTILE MEET THE REQUIREMENTS OUTLINED IN THE PLAN? | | |
| COMMENT | | |
| 4. PIPES | | YES NO N/A |
| DOES PIPE MEET SIZE AND THICKNESS REQUIREMENTS SPECIFIED IN THE DESIGN PLANS / DRAWINGS? | | |
| COMMENT | | |
| 5. SUMPS | | YES NO N/A |
| DO SUMP LOCATION, CONFIGURATION, AND CONSTRUCTION MATERIALS CONFORM TO THE APPROVED? | | |
| COMMENT | | |

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FOLLOW-UP INSPECTION DATE _____

INSPECTOR SIGNATURE _____

ADDITIONAL COMMENTS

