

**ATTACHMENT 2**

**INSPECTION SCHEDULES AND PROCEDURES**

## **INSPECTION SCHEDULES AND PROCEDURES**

### **II.A. Purpose and Scope**

Inspections of the M-136 LTTAs and Groundwater Monitoring System are conducted to promote the detection of malfunctions and deterioration of the LTTA caps, drainage systems, security equipment and monitoring wells. The inspection schedules have been designed to detect problems promptly in order to ensure that the caps, drainage systems and monitoring wells remain in good condition. The inspection schedules are also used to document problems observed and what corrective action or maintenance was conducted to remedy the problem. Inspections are conducted by personnel trained to identify potential problem areas and to use the inspection schedule/checklist. The Groundwater Monitoring System is inspected annually throughout the post-closure period. – the inspection schedule/checklist is shown below in Table II.B.

### **II.B. Remedial Action or Maintenance**

Repairs or corrective action for any deterioration or malfunction discovered by an inspection shall be initiated within 72 hours except for damaged security equipment. As stated in Permit Condition II.B.3., repairs to damaged security equipment shall begin within 24 hours. Repairs to security equipment shall be completed as soon as practicable, but not later than 72 hours after the problem is discovered. As stated in R315-8-2.6(c), where a hazard is imminent or has already occurred, remedial action shall be taken immediately.

### **II.C. Inspection Records**

All records of inspections and remedial actions shall be retained in the Operating Record, as indicated by condition I.G.16., throughout the post-closure care period. At a minimum, inspection records shall include the date and time of the inspection, the name of the inspector, a notation of the observations made, and the date and nature of any repairs or maintenance taken.

### **II.D. Inspection of the M-136 LTTAs**

The twelve M-136 LTTAs shall be inspected quarterly throughout the post-closure care period. Inspections are also required within 24 hours after a storm event. A storm event is defined as precipitation in excess of 1.0 inch in a one hour period. It shall be documented in the inspection log that the inspection was conducted in response to a storm event. The items or areas that shall be inspected and the potential problems to watch for are included on the inspection schedule/checklist. The inspection schedule/checklist for the M-136 LTTAs is shown below in Table II-A.

**TABLE 2-A**

<b>M-136 LTTA QUARTERLY POST CLOSURE INSPECTION CHECKLIST</b>													
INSPECTED BY	DATE	REVIEWED BY										DATE	
ITEM	LTTA AREAS												
	12	20	21	22	23	24	25	33	32	30	31	11	
CAP SURFACE (CHECK IF INSPECTED)													
* TIRE RUTS, BURROWS, EROSION, ETC.													
* SIGNIFICANT VEGETATION													
* SETTLING OF CAP													
ANY CHECKS IN ROWS WITH AN * REQUIRES AN EXPLANATION. ALSO DESCRIBE CORRECTIVE ACTIONS TAKEN.	<b>EXPLANATION:</b>												
<b>CHECK WHEN INSPECTED</b>		<b>COMMENTS (NOTE PROBLEMS/CORRECTIVE ACTIONS)</b>											
DRAINAGE DITCH (WALK ENTIRE SYSTEM)													
INTERCEPTOR TRENCHES (SILTING)													
CULVERTS CLEAR													
DRAINAGE AREAS ( WASHED OUT)													
FENCES CONDITION													
GATES & LOCKS													
SIGNS ("DANGER UNAUTHORIZED PERSONNEL KEEP OUT")													
ROADWAYS IN SAFE CONDITION													
M-136 PHONE IN WORKING ORDER													
<input type="checkbox"/>	CHECK HERE IF INSPECTION IS BECAUSE OF A STORM EVENT												
FORWARD COMPLETED FORM TO ENVIRONMENTAL SERVICES AT MAIL STOP 301													

Revised 2 February 2005

