

**Field Inspection Form**
 Routine Inspection ☐ or Non-Routine Inspection ☐ Date Inspected: \_\_\_\_\_ Time: \_\_\_\_\_ Inspector (printed): \_\_\_\_\_

Reason for Non-Routine Inspection: \_\_\_\_\_

Site Structure	Failure Criteria	Criteria Exceeded		Inspection Observations	Recommendation		
		Yes	No		No Action	Monitor	Maintain (M) or Repair (R)
<b>1. Asphalt Cap (see Section 2.2.1 of the M&amp;M Plan); See Photograph 1 in Attachment 2.</b>							
Asphalt surface	Surface cracking and signs of weathering such as empty spaces around aggregate or loss of color						
Cracks, weathering, ruts, gouges or penetrations	Formation of cracks, weathering, ruts, gouges or other disturbance on cap $\geq \frac{1}{2}$ inches deep						
Subsidence and settlement	Presence of a depression deep enough to pond 1 inch of water						
Parking space stops	Loose, damaged/cracked or movement of parking space stops						
Parking space stops	Evidence that vehicles are bumping into the top of the retaining wall						
<b>2. Soil Cap (Dry Retention Basin) (see Section 2.2.2 of the M&amp;M Plan); See Photograph 2 in Attachment 2.</b>							
Erosion	Formation of ruts, rills or gullies on cap $\geq 2$ inches deep						
Sparse vegetated areas or stressed vegetation	Bare soil areas $\geq 20$ square feet or total vegetation cover $\leq 70\%$						
Deep-rooted vegetation	Presence of trees, shrubs, brush or other woody or deep-rooted plant growth						
Subsidence and differential settlement	Presence of depressions $\geq 5$ feet in length and $\geq 2$ inches						

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	deep						
Damage due to wildlife	Presence of burrowing animals, bare areas $\geq 10$ square feet, or holes $\geq 2$ inches deep						
PVC liner	Exposed PVC liner or any penetration of the soil cap $\geq 6$ inches (minimum cap thickness)						
Dry retention basin	Slow water drainage, standing water, or saturated soils; water should drain within 48 hours						
<b>3. Drainage Features (see Section 2.2.3 of the M&amp;M Plan) (15 to 20 minutes); See Photographs 1, 2 and 3 in Attachment 2.</b>							
Aggregate and riprap for slope protection and stabilization	Debris and sediment accumulation, or material movement, sloughing, scouring, or slumping						
Washed-rock drainage apron between asphalt cap and soil cap	Debris and sediment accumulation, or material movement, sloughing, scouring, or slumping						
Washed-rock drainage apron between asphalt cap and soil cap	Wet or standing water; water should drain within 48 hours						
Drain rock around dry well	Debris and sediment accumulation, or material movement, sloughing, scouring, or slumping						
Drain rock around dry well	Wet or standing water around the dry well; water should						

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	drain within 48 hours						
Buried dry wells below retaining wall	Wet soil, standing water, erosion.						
<b>4. Dry Well and Manhole Assembly (see Section 2.2.4 of the M&amp;M Plan); See Photographs 2 and 3 in Attachment 2.</b>							
Dry well and manhole	Structural changes or damage						
Dry well	Vegetation restricting proper drainage						
Dry well	Accumulation of debris, sediment or other obstructions inside dry well impacting water infiltration; standing water inside dry well (do not enter dry well)						
Manhole cover	Security assembly properly in-place						
<b>5. Retaining Wall (see Section 2.2.5 of the M&amp;M Plan) (15 to 20 minutes); See Photograph 4 in Attachment 2.</b>							
Ramp to base of retaining wall	Erosion, slumping, movement of soil at base.						
Blocks	Material washout from around/between retaining blocks or movement of blocks						
Base of retaining wall	Standing water, saturated soils, or movement of soil at the base of the wall						

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<b>6. Fencing (see Section 2.2.6 of the M&amp;M Plan) (15 to 20 minutes); See Photograph 1 in Attachment 4.</b>							
Fencing	Loose or damaged posts, or missing post caps, or loose or damaged chain link						
<input type="checkbox"/> Check previous inspection form for potential issues to monitor.							
<input type="checkbox"/> Photos attached of inspected features.							
Additional Explanation/Comments/Notes:							
Areas of potential concern:							
Plans for maintenance:							
Need for repair to ensure integrity of repository (imminent or threatened release of asbestos or asbestos contaminated soil):							

Inspector signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inspector title: \_\_\_\_\_ Inspector Affiliation: \_\_\_\_\_