

# Construction and Stormwater Inspection

Date: 07/19/2023

Operator: MDS ENERGY DEVELOPMENT LLC - 10814

Location ID: 477495

Inspection Document #: 708200393

Weld County, CO

NENW Section 33 T8N R59W

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**COLORADO**

Energy & Carbon Management  
Commission

Department of Natural Resources

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 1.** Location signage has been posted at an alternate entrance to the location. The entrance pictured here is approximately 1000' south of the location's entrance (see preceding photos for additional info). Signage must be placed at the entrance to the location per Rule 605.a.



**Photo 2.** Portions of land experiencing vehicle traffic (red line) with no evidence of topsoil salvage having occurred. This entrance is approximately 1000' south of the current location entrance. Topsoil will need to be salvaged from this access point pictured if it's going to be used in future oil and gas operations, or, the disturbed areas will need to be reclaimed in accordance with 1000 series Rules.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 3.** See comments in Photo 2. Red arrow indicates current access point for the location (also seen in Photos 4 & 5).

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 4.** Taken from the location's current access road near the intersection of WCR 113 and HWY 14. No BMPs (e.g. vehicle track out pad) were installed at this junction. Proceeding photos illustrate vehicle track out onto HWY 14.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 5.** Facing north from the location's current access point. No BMPs observed to prevent vehicle track out. The location signage should be installed at the location's access road point and the intersection of an adjacent road.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 6.** Vehicle track out pictured onto HWY 14 westbound.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 7.** Facing southeast, see comments in Photo 6.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 8.** Vehicle track out continues on westbound HWY 14. The Operator will need to contact local jurisdictions on how to address and mitigate vehicle track out.



**Photo 9.** Facing east near the location's entrance. It appears topsoil has been salvaged and temporary BMPs (ditch and berm) have been installed alongside of the access road.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 10.** Trash and debris observed on the western portion of the location. The operator shall remove all trash per the corrective action and ensure that the location is free of trash and debris to prevent spread onto adjacent lands.



**Photo 11.** Taken from the southwest corner of the location. At the time of this inspection, crews were actively working to improve and/or maintain the perimeter stormwater BMPs. Vehicle wheel packing observed to mitigate unconsolidated material.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 12.** Facing east from the southwest corner of the disturbance area; see comments in Photo 11.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 13.** Taken from the southeast corner of the newly constructed drilling pad areas. Photo illustrates cut and fill slopes in foreground and production area in the background. Crews were onsite during this inspection and were actively performing dirt work to stabilize cut banks and fill areas.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 14.** Overview of drilling pad area under construction.



**Photo 15.** Facing north near the topsoil stockpile. Photo illustrates an apparent stormwater retention area still under construction.



**Photo 16.** This area of the stormwater BMP (red outline) previously documented sediment transport due to unconsolidated materials. It appears the Operator has performed activities to repair/stabilize the unconsolidated soils.



**Photo 17.** Taken from the southwest corner of the topsoil stockpile. It appears that topsoil has been separated and stored east of the disturbance area, in accordance with Rule 1002.b. However, the topsoil stockpile did not have any temporary BMPs (e.g. equipment tracking) to properly stabilize the soils from degradation due to wind and water erosion, etc. Additional BMPs are required to protect the topsoil stockpile on location and come into compliance with Rule 1002.c.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 18.** Northwest corner of the stockpile area. See comments in Photo 17.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 19.** Facing south from the top of the topsoil stockpile. See comments in Photo 17.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 20.** Facing west from the northeast corner of the disturbance area. Stormwater BMPs appear to have been improved/repared since the previous inspection.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 21.** This area of the stormwater BMP (red outline) previously documented sediment transport due to unconsolidated materials. It appears the Operator has performed activities to repair/stabilize the unconsolidated soils.

Inspection Photos  
Location Name: Daffy Pad  
Location ID: 477495



**Photo 22.** Taken from the southeast corner of the drilling pad area, facing northwest. Photo illustrates construction activities being performed. A follow up inspection will be performed at a later date to ensure compliance with ECMC Rules.