

Inspection Photos

07/19/2018

Operator: MALLARD EXPLORATION LLC # 10670

Location ID: 454592

Inspection Doc. Number: 682503625

Weld County, CO

Aaron Trujillo
NE Reclamation Specialist
COGCC

Inspection Photos
Operator: MALLARD EXPLORATION LLC # 10670
Location ID: 454592



Photo 1: Photo taken from the south end of the location, facing west. Photos 1-4 provide overview of location from west, northwest, northeast to east.



Photo 2:

Inspection Photos
Operator: MALLARD EXPLORATION LLC # 10670
Location ID: 454592



Photo 3:



Photo 4:

Inspection Photos
Operator: MALLARD EXPLORATION LLC # 10670
Location ID: 454592



Photo 5: Photo taken from the access road. Photo shows tracking pad.



Photo 6: Photo taken from the south end of the location. Photo shows porta-johns are secured down.

Inspection Photos
Operator: MALLARD EXPLORATION LLC # 10670
Location ID: 454592



Photo 7: Photo taken from the south end of the location, facing east. Photo shows surface roughening used in conjunction with ditch along the perimeter of the location.



Photo 8: Photo taken from the southwest corner of the location, facing east. See comments under photo 7

Inspection Photos
Operator: MALLARD EXPLORATION LLC # 10670
Location ID: 454592



Photo 9: Photo taken from the southwest corner of the location, facing north. See comments under photo 7



Photo 10: Photo taken from the northwest corner of the location, facing south. See comments under photo 7.

Inspection Photos
Operator: MALLARD EXPLORATION LLC # 10670
Location ID: 454592



Photo 11: Photo taken from the northwest corner of the location, facing east. See comments under photo 7



Photo 12: Photo taken from the northwest corner of the location, facing south. Photo of topsoil stockpile.

Inspection Photos
Operator: MALLARD EXPLORATION LLC # 10670
Location ID: 454592



Photo 13: Photo taken from the north end of the topsoil stockpile. Photo shows straw wattle stormwater and sediment control along perimeter of the berm. Note that control has not been installed in accordance to good engineering practices; Wattles are required to be trenched and backfilled to be in proper functioning condition. Also note, the perimeter ditch runs partially on the southeast end of the berm, then travels to the northeast. Wattles appear to be the only control on the eastern/northeastern area of the stockpile. Unless appropriate measures are taken to ensure wattles are in proper functioning condition, the eastern/northeastern areas of the soil stockpile are at risk to sediment runoff and degradation.



Photo 14: See comments under photo 13.

Inspection Photos
Operator: MALLARD EXPLORATION LLC # 10670
Location ID: 454592



Photo 15: Photo taken from the North end of the location, facing south. Photo of perimeter stormwater ditch.



Photo 16: Photo taken from the North end of the location, facing south. Photo of sediment pond connected to the perimeter stormwater ditch.

Inspection Photos
Operator: MALLARD EXPLORATION LLC # 10670
Location ID: 454592



Photo 17: Photo taken from the north end of the locaiton, facing southwest photo shows perimeter stormwater ditch, soil stockpile and wattle BMPs. See comments under photo 13.



Photo 18: Photo taken from the south end of the sediment pond, facing east. Photo shows outlet appears to have sufficient outlet protections/armoring.

Inspection Photos
Operator: MALLARD EXPLORATION LLC # 10670
Location ID: 454592



Photo 19: Photo taken from the northeast end of the location, facing south. See comments under photo 7



Photo 20: Photo taken from the northeast end of the location, facing west. See comments under photo 7

Inspection Photos
Operator: MALLARD EXPLORATION LLC # 10670
Location ID: 454592



Photo 21: Photo taken from the southeast end of the location, facing west. See comments under photo 7



Photo 22: Photo taken from the southeast end of the location, facing North. See comments under photo 7