

Interim Reclamation and Stormwater Inspection

April 16, 2018

Operator: GADECO LLC- #10673

Location ID: 441995

Inspection Document #: 682403487

Weld County, CO

NWNW Section 24 T12N R65W

Chris Binschus
Reclamation Specialist, COGCC



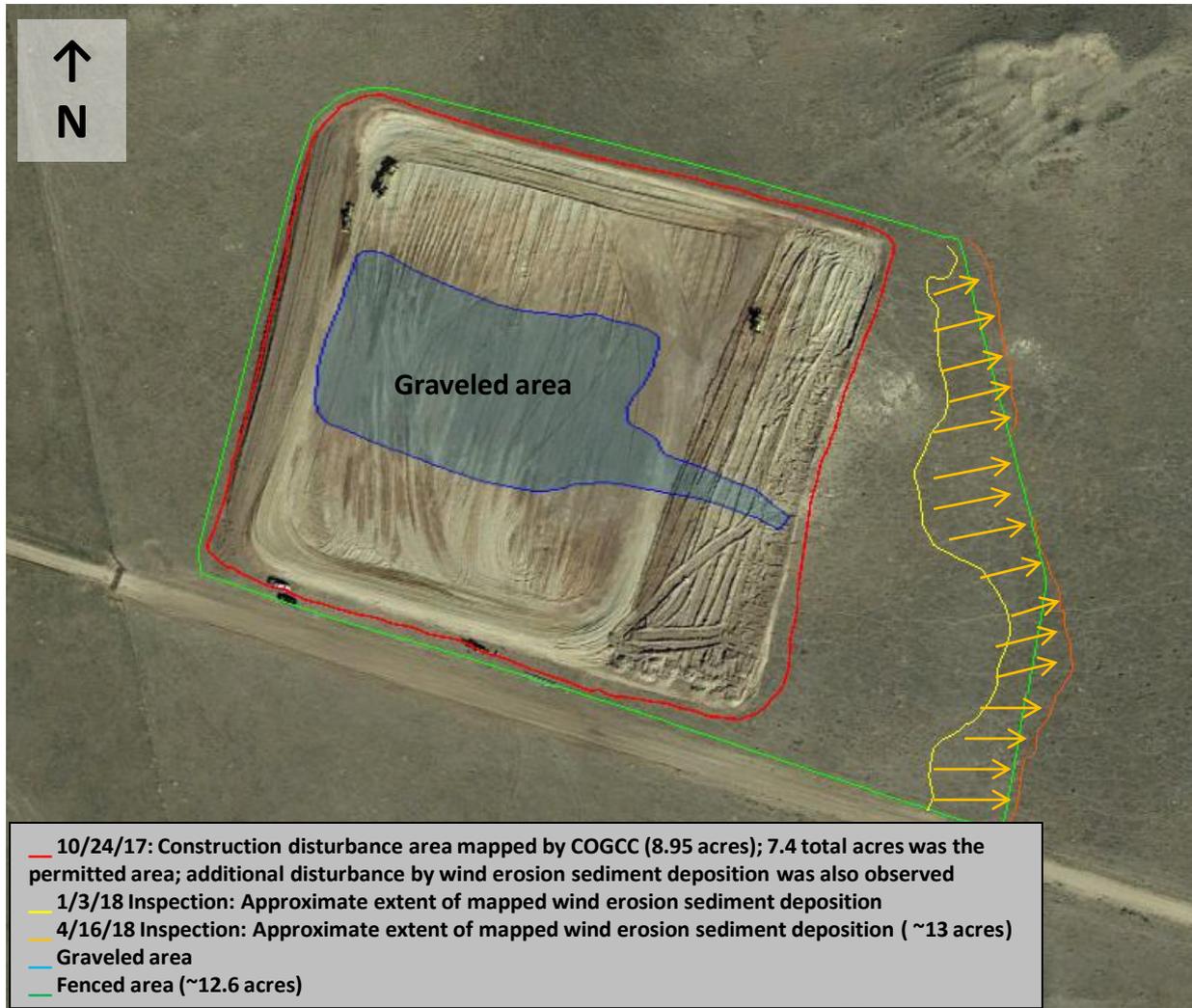
COLORADO
Oil & Gas Conservation
Commission

Department of Natural Resources

Inspection Photos

Location Name: Grynberg Stateline Federal /24-12-65-4 Pad

Location ID: 441995



Google Earth aerial imagery taken October 14, 2017. Observations from this April 16, 2018 inspection: Wind erosion sediment deposition was observed beyond the eastern fence line ~20-40 feet; total disturbance including wind erosion sediment deposition is approximately 13.0 acres and well pad areas continue to be susceptible to wind erosion.

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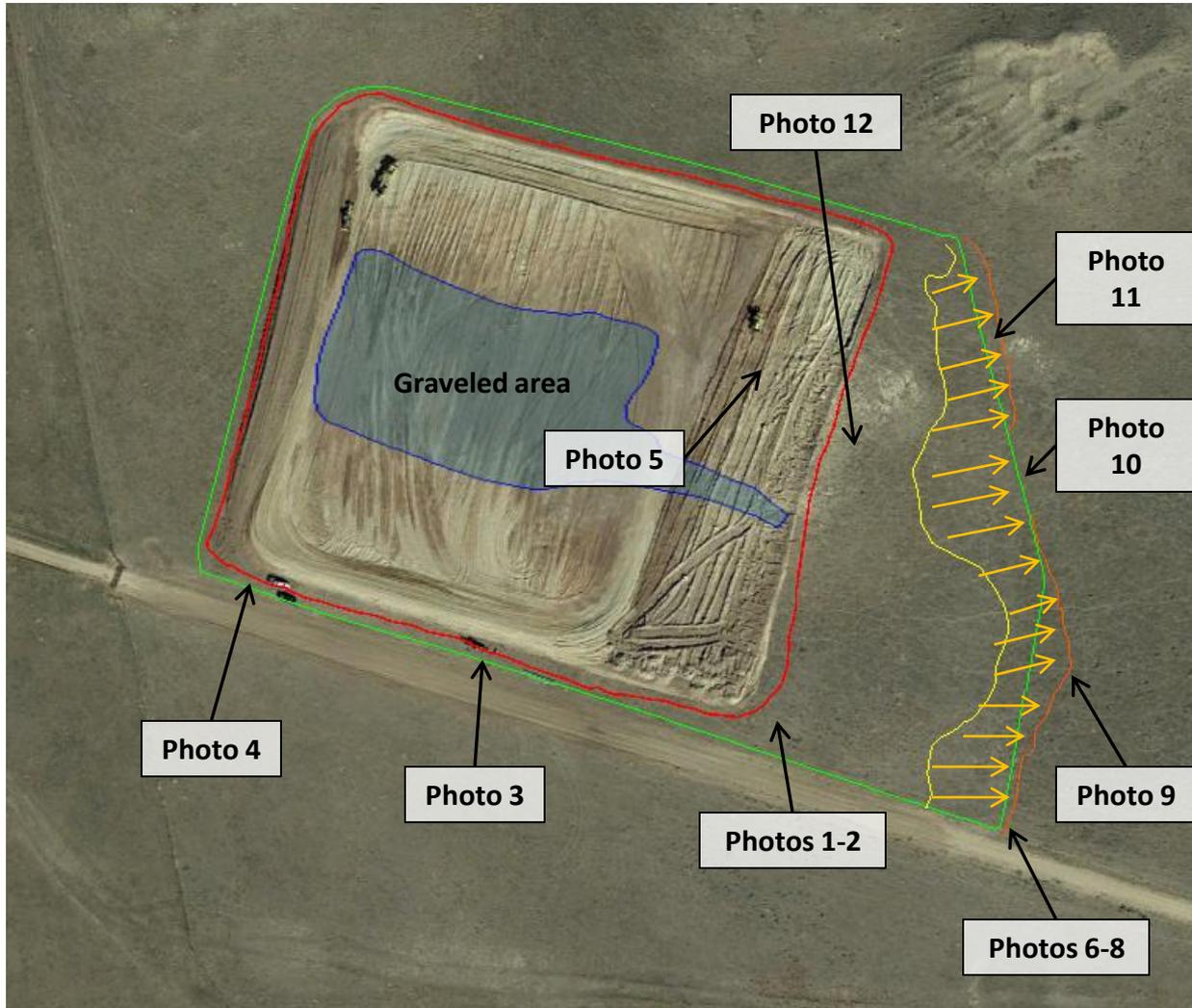


Photo reference points to help illustrate approximate locations of the subject photo during the April 16, 2018 inspection.

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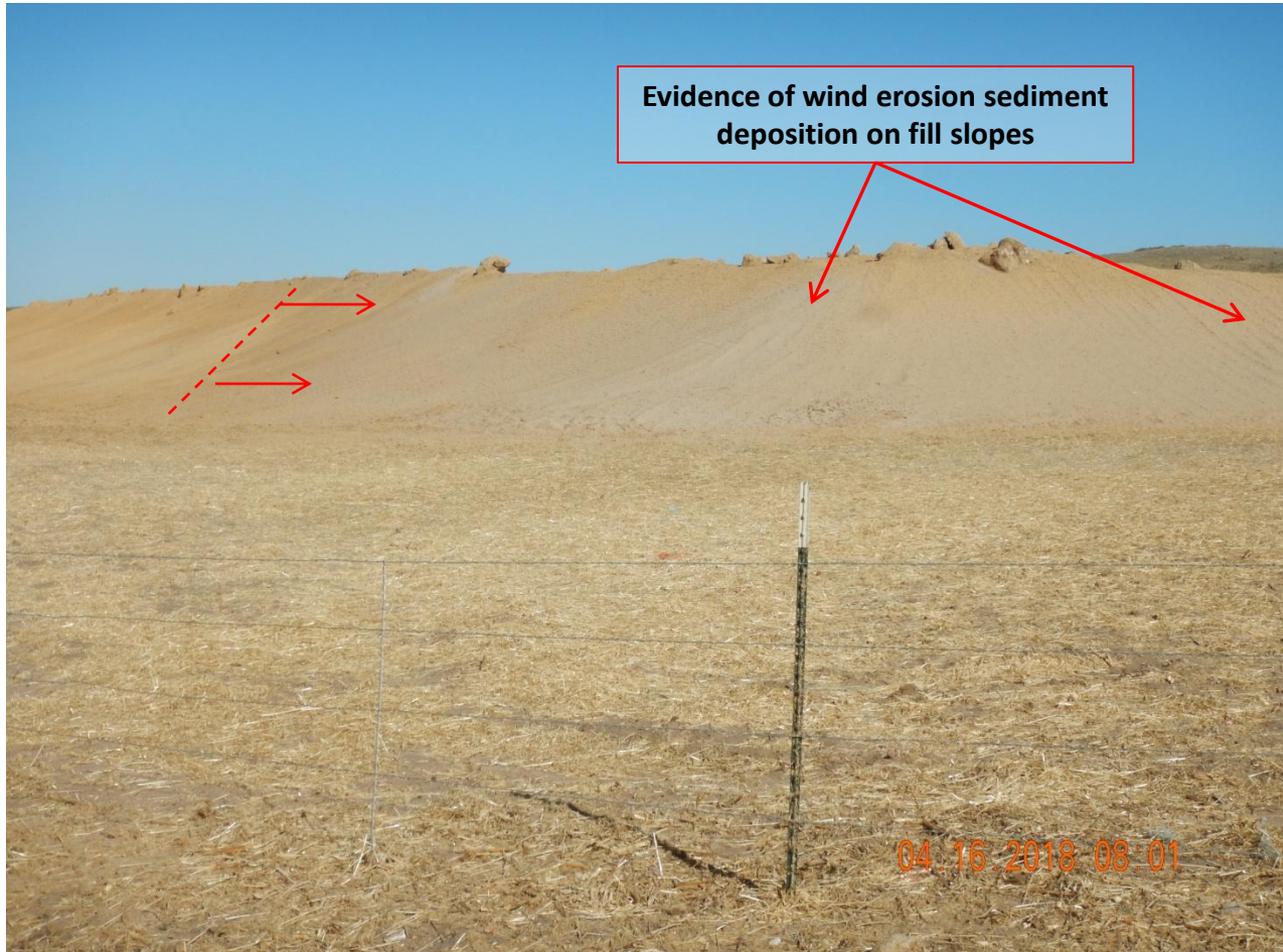


Photo 1. Photo taken from the southeastern perimeter of the location, facing Northwest. Photo illustrates evidence of wind erosion sediment deposition on fill slopes from unconsolidated well pad areas. The soil binding tackling agent does not appear to be applied using good engineering practices, per Rule 1002.f.(2).

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Photo 2. Close-up photo taken of the southeast fill slope area, facing Northwest. Photo illustrates evidence of wind erosion sediment deposition on fill slopes from unconsolidated well pad areas.

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Photo 3. Photo taken from the southern perimeter of the location, facing North. See comments under Photo 1.



Photo 4. Photo taken from the southwest perimeter of the location, facing North. Photo illustrates fill slopes where there does not appear to be impacts from wind erosion sediment deposition.

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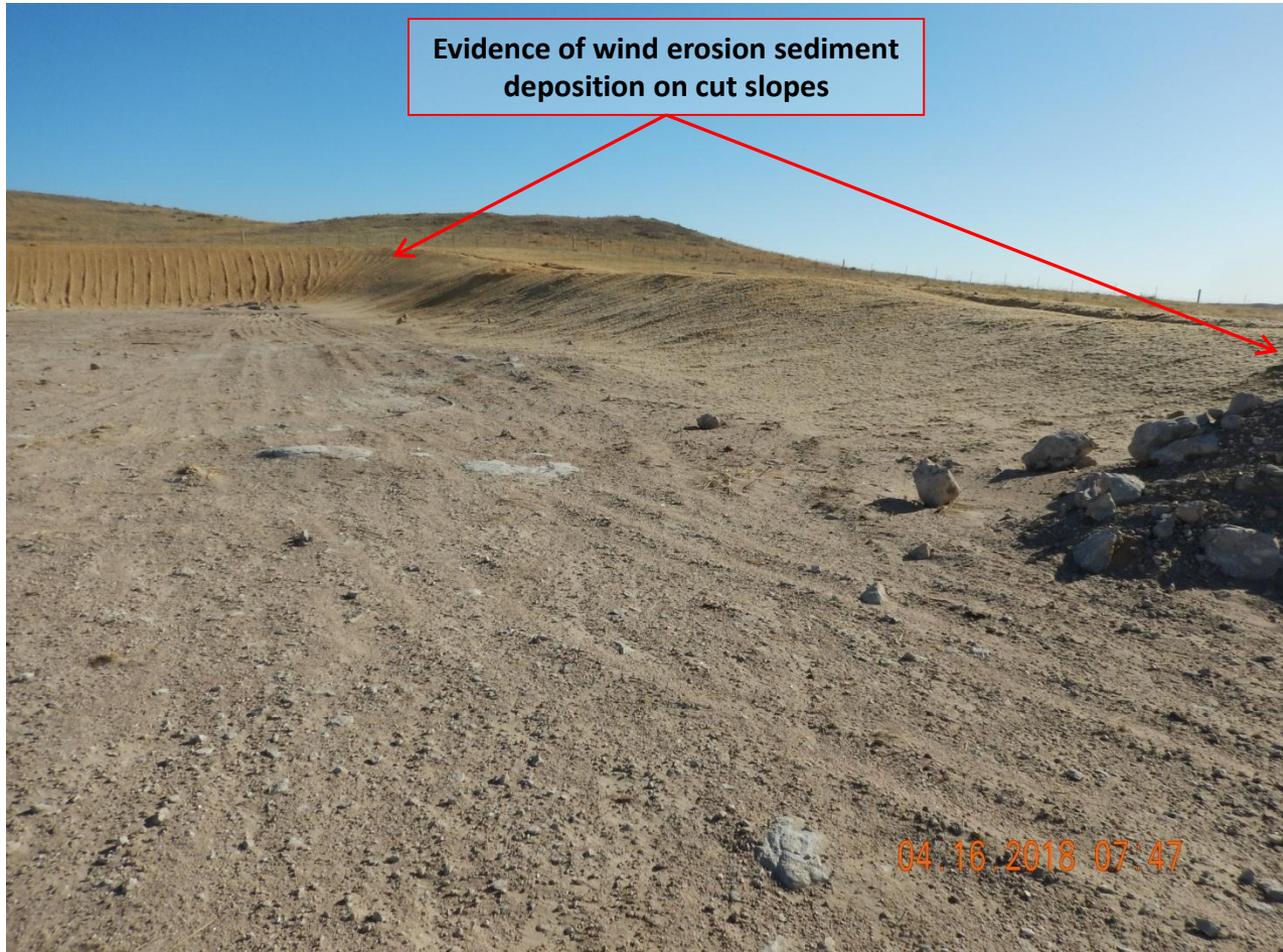


Photo 5. Photo taken from the access road, facing North. Photo illustrates evidence of wind erosion sediment deposition on the eastern cut slope from unconsolidated well pad areas.

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Photo 6. Photo taken from the southeast fence corner, facing West. According to the Operator, the area east of the access road was interseeded. Germination was occurring during this inspection. Operator shall comply with Rule 1003 standards to establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of reference area levels. Note: COGCC parked outside, in front of the gated entrance on the 3/23/18 inspection and this inspection on 4/16/18.



Photo 7. Photo taken from the southeast fence corner, facing Northwest. See comments under Photo 6.

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Photo 8. Photo taken from the southeast fence corner, facing North. See comments under Photo 6. Straw mulch did not appear to stay crimped throughout the location and has moved from the target areas, and will not function properly.



Photo 9. Photo taken from the eastern fence line, facing West. Photo illustrates impacts of wind erosion sediment deposition and loose straw mulch off location. Refer to the orange-line in the aerial imagery for additional reference.

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Photo 10. Photo taken from the eastern fence line, facing North. At the time of this inspection, the photo illustrates an area east of the fence line that does not appear to be impacted from wind erosion sediment deposition.



Photo 11. Photo taken from the northeastern fence line, facing North. Photo illustrates impacts of wind erosion sediment deposition as indicated by the light grey material on top of the vegetation/surface.

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Photo 12. Photo taken east of the well pad perimeter, facing South. Photo illustrates impacts of wind erosion sediment deposition. Existing and seeded vegetation in the photo foreground was not apparent and is covered with soil particles from wind erosion sediment deposition. This is also apparent for the red highlighted area.