



Keenesburg Mine Site Inspection Report

3rd Quarter

8/31/2022

Inspected By: Matt Clark

Boundary, Fence & Facilities

Missing Boundary Markers: No

Fence Repairs: No

Precipitation Gage Issues: No

Other Facilities Issues: No

Weeds & Pests

Noxious Weeds: Yes

Species: Cheatgrass/Downy brome - Bromus tectorum - List C

Nuisance Weeds (impacting desirable reclamation): Yes

Species: Salsola, Helianthus annuus

Pests: No

Species:

Vegetation Establishment & Health

Low Density Vegetation Areas: Yes

Areas of Poor Health: Yes

Ailment(s): Drought Stress

Erosion

Excessive Erosion: No

Description: Stormwater Rilling, Stormwater Gullying, Stormwater Sheet Flows

Minor erosion in select areas

New BMPs Required: No

BMPs Requiring Maintenance:

Site Management Summary

Site Management Activities Requiring Follow-up: Yes

Specific Task(s): Nuisance Weed Management, Mowing

Photos



Buffalo grass establishing well in certain revegetated areas (photo 1).



Visible signs of rodent holes and trails throughout old and new Reclamation. No obvious signs rodents are damaging revegetation efforts (photo 2).



Revegetated areas would benefit from summer mowing to increase soil moisture and nutrient availability to desirable vegetation by decreasing competition from undesirable vegetation. Undesirable vegetation has provided some cover for seeding germination (photo 3)



Desirable vegetation has begun to establish in revegetated areas (Buffalo grass and sand dropseed (photo 4).



Area would benefit from summer mowing. Little other desirable vegetation was observed in this area (photo 5).



No erosion in revegetated area historically affected by sheet flows (photo 6).



Weather station visibility functioning (photo 7).



Despite visible signs of drought stress on the property, some vegetation has germinated from revegetation efforts and are showing signs of survival through establish plant root mass (photo 8).



Area was mowed summer 2021 and would benefit from 2022 mowing (photo 9).



Signs of Salsola suffering from drought stress. Salsola currently in flower and area will benefit from low mowing prior to plants setting seed (photo 10).