



Keenesburg Mine Site Inspection Report

2nd Quarter

6/3/2022

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, Bindweed, Field - *Convolvulus arvensis* - List C

Cheatgrass and field bindweed scattered throughout the property.

Nuisance Weeds (impacting desirable reclamation): Yes

Species: Salsola, kochia, and sunflower plants may affect the establishment of desirable vegetation.

See map attachment

Pests: No

Species:

Vegetation Establishment & Health

Low Density Vegetation Areas: Yes

Areas have been revegetated in the spring of 2022

Areas of Poor Health: No

Ailment(s):

Erosion

Excessive Erosion: No

Description: Stormwater Gullying, Stormwater Sheet Flows

Non-excessive stormwater gullying is been caused but sheet flows. See map attachment and photo location.

New BMPs Required: No

BMPs Requiring Maintenance: No

Site Management Summary

Site Management Activities Requiring Follow-up: Yes

Specific Task(s): Nuisance Weed Management, Mowing

Photos



Revegetation areas are establishing around existing vegetation. Establishing vegetation is a mix of nuisance broadleaf weeds and unidentified grass species (likely to be a mix of sterile rye from straw mulch and desirable grass species from approved seed map (photo point #1).



Erosion caused by sheet flowing to the east appears to be mitigated (photo point #2).



Despite visible signs of rainfall, little to no erosion has been observed within revegetation areas where erosion was historically severe (photo point #3).



Area around weather station is stabilized (photo point #4).



Old haul road where dense cheatgrass was historically present should be monitored (photo point #5).



Areas where dense salsola was mowed prior to beginning revegetation should be mowed summer 2022 (photo point #6).



Area that was mowed in summer 2021 to control dense salsola has responded well to mechanical treatment. Dense patches of salsola are still present throughout the area and consider spot mowing treatments in summer 2022 (photo point #7).



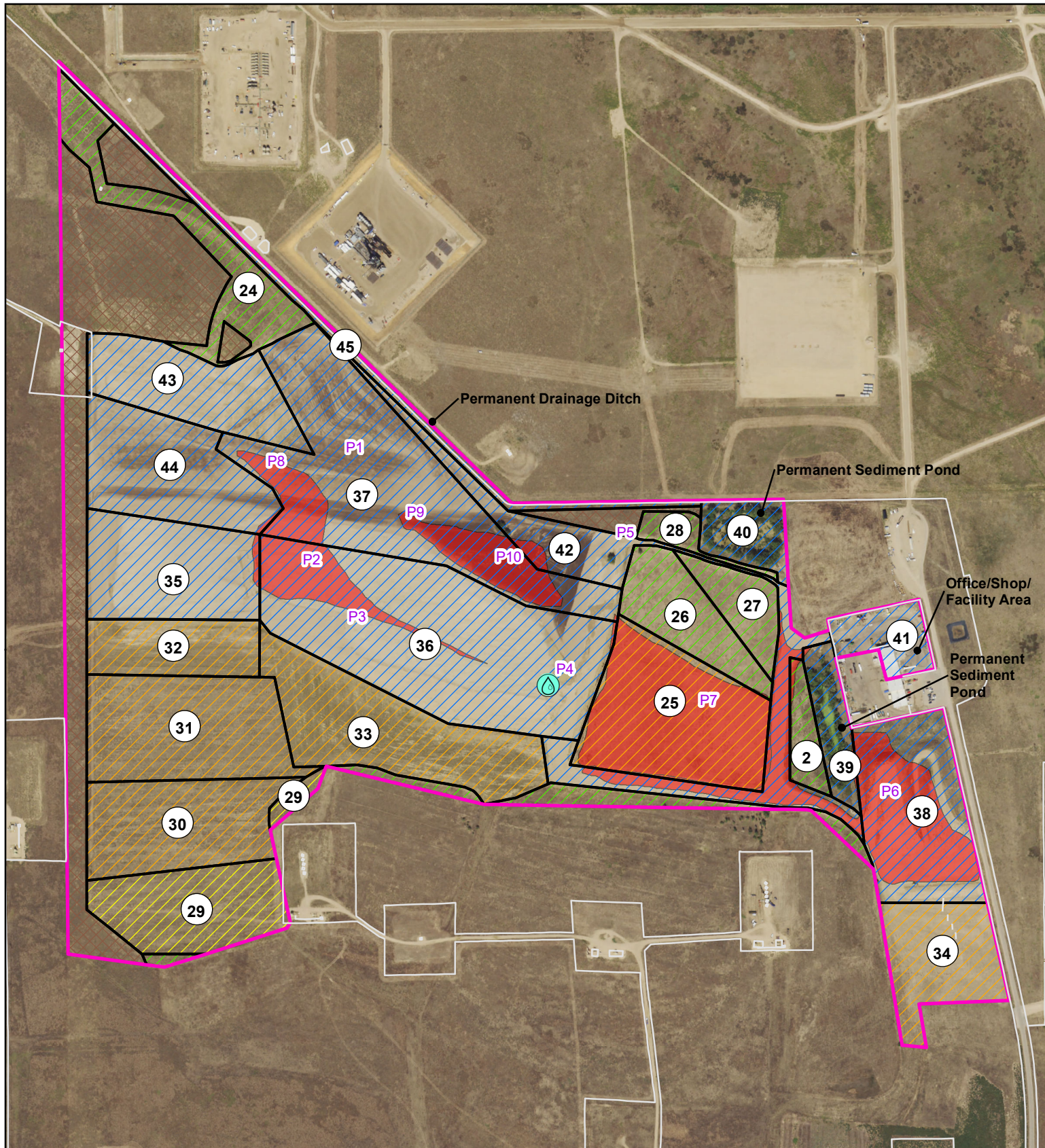
Revegetation area is densely populated with kochia and salsola. Area should be mowed in summer 2022 (photo point #8).



Erosion ditch diverting flows to the east northeast of property. Monitor for further erosion or if impacting revegetation (photo point #9).



Mow revegetation area in summer 2022 to control dense sunflower populations (photo point #10).



Action Items

- Photo Point (see report)
- Phase III Bond Release
- Phase II Bond Release
- Phase I Bond Release
- Pending Phase I
- Undisturbed Area
- Mowing Area
- Fence
- Precipitation Gage
- Permit Boundary

0 500 1,000 Feet



COORS ENERGY KEENESBURG MINE

2nd Quarter 2022 Site Inspection



Date: 6/3/2022

Drawn by: RB

Checked by: MC