

July 13, 2020

Lindsey Rider
EHS Lead
Caerus Oil and Gas
143 Diamond Avenue
Parachute, CO 81635

RE: N32 1096 Well Pad Final Reclamation Status

Dear Lindsey,

Per your request, WestWater biologists have completed vegetation monitoring for the above referenced reclaimed location. We utilized the Bureau of Land Management's (BLM) Assessment, Inventory, and Monitoring (AIM) strategy for data collection and the resulting data has been entered into the Database for Inventory, Monitoring and Assessment (DIMA). In addition to monitoring the reclaimed area we selected and inventoried a reference site for this location.

Attached you will find the results summary and photos of the reclaim and reference areas. Based on the information we collected this year and our understanding of BLM and Colorado Oil & Gas Conservation Commission (COGCC) final reclamation requirements this site meets the 80% reference criteria for Final Abandonment Notice.

If there is any additional information we can provide or clarify please contact me.

Sincerely,



Environmental Scientist/Project Manager

Percent Cover Summary Table		
	Reference Site	Reclaim Site
% Foliar Cover	24.0	65.2
% Basal Cover	0.0	0.7
% Bare ground	46.0	9.3
% Desirable Foliar Cover	24.0	35.9
% Desirable of Reference Site		149.6
80% Desirable of Reference?	Site meets 80% of Reference Criteria	

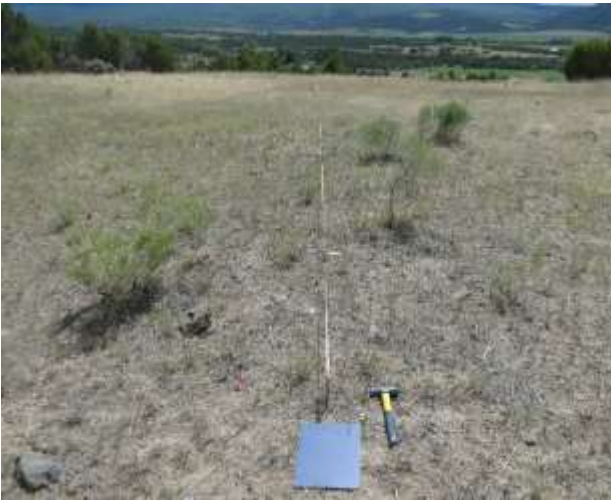
*Percent Foliar Cover represents all points hit along transect of specific species including lower canopy layers; thus, in some cases percent foliar cover can exceed 100%.



Reclaim Transect 1



Reclaim Transect 2



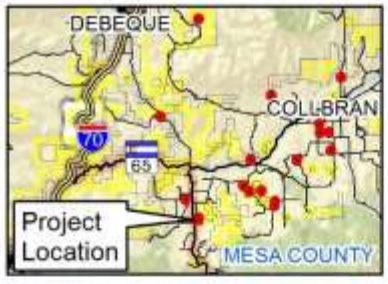
Reclaim Transect 3



Reference Transect

Final Reclamation Site Percent Foliar Cover by Species			
Caerus Oil and Gas			
Location:	N32 1096		
Date:	6/29/2020		
Plot:	Final Reclamation		
Scientific Name	Common Name	Foliar Cover	Basal Cover
Graminoids			
Agropyron cristatum	crested wheatgrass	2.0	0
Bromus tectorum	cheatgrass	22.0	0
Pascopyrum smithii	western wheatgrass	21.3	0.7
Poa fendleriana	muttongrass	1.3	0
Psathyrostachys juncea	Russian wildrye	0.7	0
Thinopyrum intermedium	intermediate wheatgrass	3.3	0
Grass cover subtotal		50.6	0
Desirable grass cover subtotal		28.6	0.7
Forbs/Succulents			
Alyssum simplex	alyssum	5.3	0
Cichorium intybus	chicory	1.3	0
Convolvulus arvensis	field bindweed	0.7	0
Grindelia squarrosa	curlycup gumweed	1.3	0
Melilotus officinalis	sweetclover	2.7	0
Forb cover subtotal		11.3	0
Desirable forb cover subtotal		4	0
Shrubs			
Ericameria nauseosa	rubber rabbitbrush	3.3	0
Shrub cover subtotal		3.3	0
Desirable shrub cover subtotal		3.3	
Trees			
Desirable trees cover subtotal		0	

Bold = Desirable Species or Semit-desirable Species



Legend

- Pad Transect
- Reference Transect

Pad Status

- Final Reclamation Monitoring
- Interim Reclamation Monitoring
- Final Reclamation - FAN Potential

- BLM Field Office

N32 1096

Caerus Oil & Gas

Vegetation Monitoring 2020

WestWater Engineering
Consulting Engineers & Scientists

0 200 400
Feet

T10S R96W
T11S R96W 04