

August 22, 2023

Kathy Vertiz
Contract EHS Specialist
Caerus Oil and Gas
143 Diamond Avenue
Parachute, CO 81635

RE: PL24NE Well Pad Final Reclamation Status

Dear Kathy,

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. 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 the Colorado Energy and Carbon Management Commission (ECMC) 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

PL24NE Final Reclaim Well Pad



Reclaim Transect 1



Reclaim Transect 2



Reclaim Transect 3



Reference Transect 1



Reference Transect 2

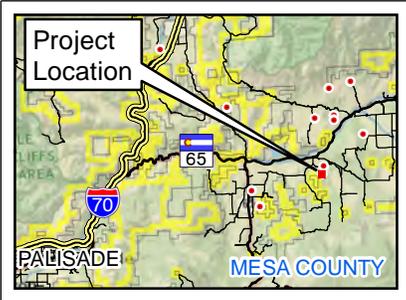
Percent Cover Summary Table		
	Reference Site	Reclaim Site
% Foliar Cover	97.0	112.0
% Basal Cover	1.0	2.7
% Bare ground	7.0	4.7
% Desirable Foliar Cover	52.0	105.3
% Desirable of Reference Site		202.5
80% Desirable of Reference?	Site meets 80% of reference criteria.	

*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%.

Final Reclamation Site Percent Foliar Cover by Species			
Caerus Oil and Gas			
Location:	PL24NE		
Date:	7/26/2023		
Plot:	Final Reclamation		
Scientific Name	Common Name	Foliar Cover	Basal Cover
Graminoids			
Bromus inermis	smooth brome	32.0	0
Bromus tectorum	cheatgrass	6.7	0
Elymus trachycaulus	slender wheatgrass	0.7	0
Pascopyrum smithii	western wheatgrass	1.3	0
Psathyrostachys juncea	Russian wildrye	16.7	0.7
Thinopyrum intermedium	intermediate wheatgrass	7.3	0
Thinopyrum ponticum	tall wheatgrass	47.3	2
Grass cover subtotal		112.0	2.7
Desirable grass cover subtotal		105.3	2.7
Forbs/Succulents			
Forb cover subtotal		0.0	0
Desirable forb cover subtotal			0
Shrubs			
Shrub cover subtotal			0
Desirable shrub cover subtotal			0
Trees			
Desirable trees cover subtotal		0	
Bold = Desirable Species or Semi-desirable Species			

Final Reclamation Site Percent Foliar Cover by Species			
Caerus Oil and Gas			
Location:	PL24NE		
Date:	7/26/2023		
Plot:	Reference		
Scientific Name	Common Name	Foliar Cover	Basal Cover
Graminoids			
Agropyron cristatum	crested wheatgrass	42.0	1
Bromus tectorum	cheatgrass	27.0	0
Grass cover subtotal		69.0	1
Desirable grass cover subtotal		42.0	1
Forbs/Succulents			
Alyssum desertorum	desert madwort	13.0	0
Chorispora tenella	crossflower	1.0	0
Erodium cicutarium	redstem stork's bill	4.0	0
Opuntia polyacantha	plains pricklypear	1.0	0
Sphaeralcea coccinea	scarlet globemallow	5.0	0
Forb cover subtotal		24.0	0
Desirable forb cover subtotal		6	0
Shrubs			
Artemisia tridentata var. wyomingensis	Wyoming sagebrush	1.0	0
Ericameria nauseosa	rubber rabbitbrush	1.0	0
Gutierrezia sarothrae	broom snake weed	2.0	0
Shrub cover subtotal		4.0	0
Desirable shrub cover subtotal		4.0	0
Trees			
Desirable trees cover subtotal			0

Bold = Desirable Species or Semi-desirable Species



T10S R96W



Legend

 Pad Transect

 Reference Transect

Pad Status

 FAN Reclamation Monitoring

 BLM Field Office

PL24NE

Caerus Oil & Gas

FAN Vegetation Monitoring 2023

 **WestWater Engineering**
Consulting Engineers & Scientists

0 100 200
Feet