

July 22, 2019

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

RE: PL17NE 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,



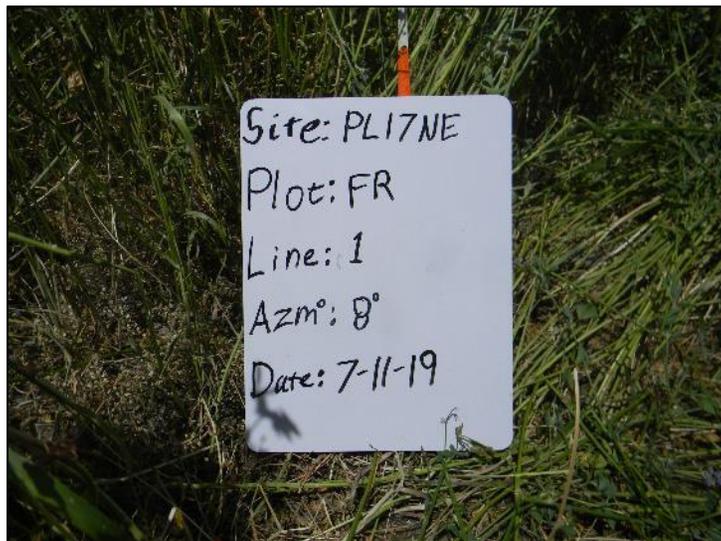
Environmental Scientist/Project Manager

Percent Cover Summary Table		
	Reference Site	Reclaim Site
% Foliar Cover	142.0	150.7
% Basal Cover	0.0	0.0
% Bare ground	0.0	0.0
% Desirable Foliar Cover	90.0	103.4
% Desirable of Reference Site		114.8
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:	PL17NE	
Date:	7/11/2019	
Plot:	Reference	
Scientific Name	Common Name	Foliar Cover
Graminoids		
Bromus inermis	smooth brome	82.0
Poa pratensis	Kentucky bluegrass	4.0
Grass cover subtotal		86.0
Desirable grass cover subtotal		86.0
Forbs/Succulents		
Convolvulus arvensis	field bindweed	50.0
Lepidium perfoliatum	clasping pepperweed	2.0
Medicago sativa	alfalfa	4.0
Forb cover subtotal		56.0
Desirable forb cover subtotal		4
Shrubs		
Shrub cover subtotal		0.0
Desirable shrub cover subtotal		
Trees		
Desirable trees cover subtotal		

Bold = Desirable Species



Reclaim Transect 1



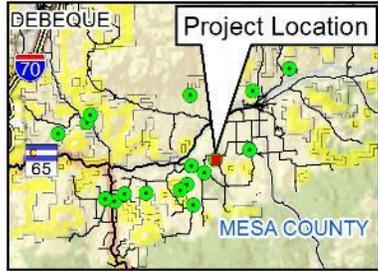
Reclaim Transect 2



Reclaim Transect 3



Reference Transect



Legend

- Pad Transect
- Reference Transect

Pad Status

- Final Reclamation Monitoring
- Interim Reclamation Monitoring

BLM Field Office

PL17NE
Caerus Oil & Gas
BLM
Grand Junction Field Office
Vegetation Monitoring 2019

WestWater Engineering
 Consulting Engineers & Scientists

0 200 400
 Feet

Map Source: Z:\Caerus Oil & Gas\BLM Vegetation Monitoring Program\2019\GIS\GJFO Transect Maps 7-19-19\PL17NE 7-19-19.mxd 7/19/2019 rbb