

July 13, 2020

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

RE: PL25NW 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
<b>% Foliar Cover</b>	58.0	49.8
<b>% Basal Cover</b>	0.0	3.4
<b>% Bare ground</b>	22.0	8.7
<b>% Desirable Foliar Cover</b>	<b>58.0</b>	<b>47.1</b>
<b>% Desirable of Reference Site</b>		<b>81.2</b>
<b>80% Desirable of Reference?</b>	<b>Site meets 80% of Reference Criteria</b>	

\*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



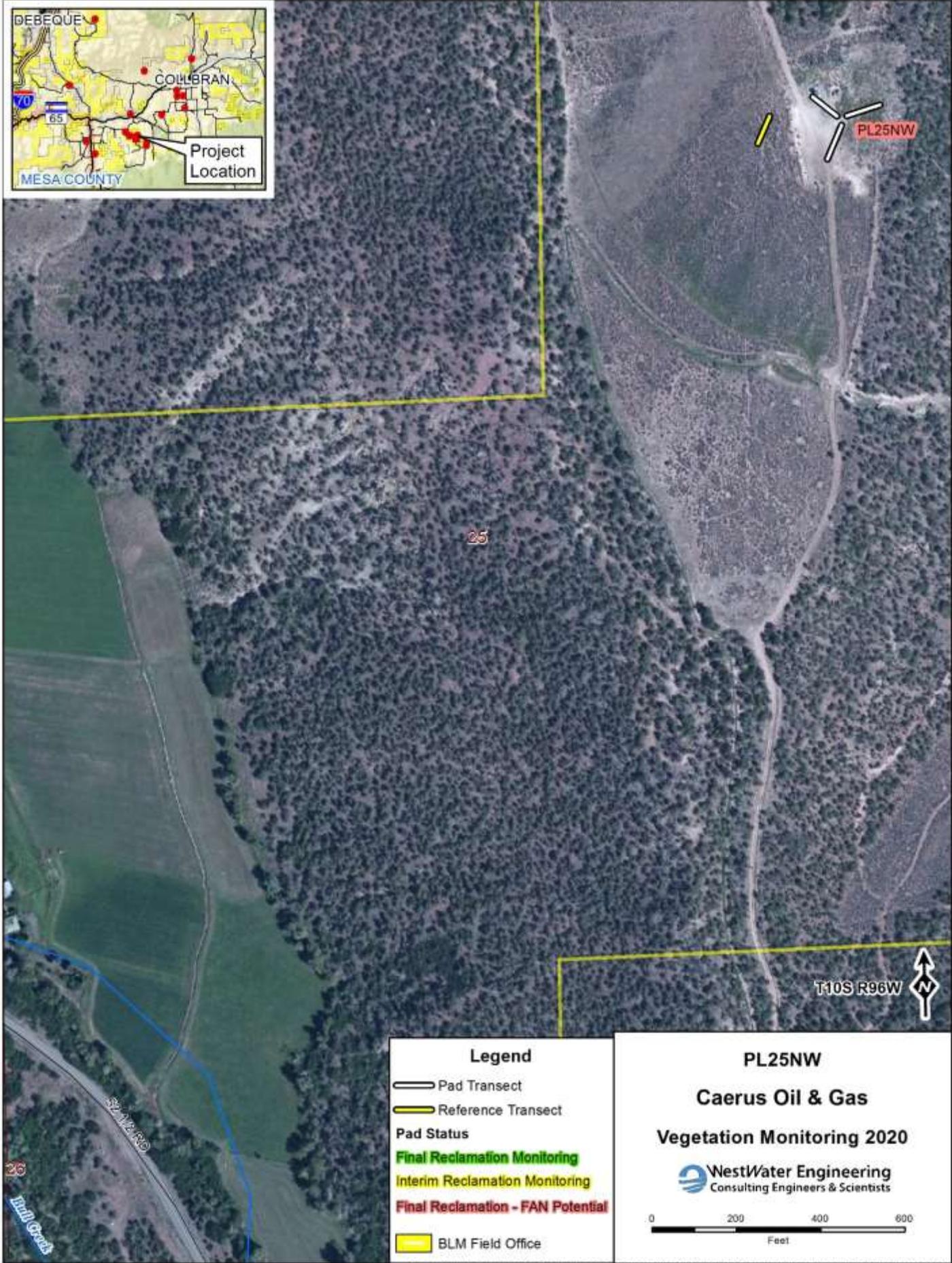
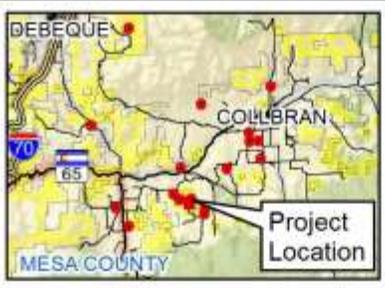
Reclaim Transect 3



Reference Transect

Final Reclamation Site Percent Foliar Cover by Species			
Caerus Oil and Gas			
<b>Location:</b>	PL25NW		
<b>Date:</b>	6/29/2020		
<b>Plot:</b>	Final Reclamation		
Scientific Name	Common Name	Foliar Cover	Basal Cover
Graminoids			
<b>Agropyron cristatum</b>	crested wheatgrass	2.0	0
<b>Bromus inermis</b>	smooth brome	2.7	0
<b>Elymus trachycaulus</b>	slender wheatgrass	0.7	0
<b>Psathyrostachys juncea</b>	Russian wildrye	12.0	0.7
<b>Thinopyrum intermedium</b>	intermediate wheatgrass	29.0	2.7
<b>Grass cover subtotal</b>		46.4	3.4
<b>Desirable grass cover subtotal</b>		46.4	3.4
Forbs/Succulents			
<b>Convolvulus arvensis</b>	field bindweed	2.7	0
<b>Melilotus officinalis</b>	sweetclover	0.7	0
<b>Forb cover subtotal</b>		3.4	0
<b>Desirable forb cover subtotal</b>		0.7	0
Shrubs			
<b>Shrub cover subtotal</b>		0.0	0
<b>Desirable shrub cover subtotal</b>			
Trees			
<b>Desirable trees cover subtotal</b>		0	
<b>Bold = Desirable Species or Semi-desirable Species</b>			

Final Reclamation Site Percent Foliar Cover by Species			
Caerus Oil and Gas			
Location:	PL25NW		
Date:	6/29/2020		
Plot:	Reference		
Scientific Name	Common Name	Foliar Cover	Basal Cover
Graminoids			
Agropyron cristatum	crested wheatgrass	44.0	0
Grass cover subtotal		44.0	0
Desirable grass cover subtotal		44.0	0
Forbs/Succulents			
Forb cover subtotal		0.0	0
Desirable forb cover subtotal			0
Shrubs			
Artemisia tridentata var. wyomingensis	Wyoming sagebrush	14.0	0
Shrub cover subtotal		14.0	0
Desirable shrub cover subtotal		14.0	
Trees			
Desirable trees cover subtotal			
<b>Bold = Desirable Species or Semi-desirable Species</b>			



**Legend**

- Pad Transect
- Reference Transect

**Pad Status**

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

- BLM Field Office

**PL25NW**

**Caerus Oil & Gas**

**Vegetation Monitoring 2020**

**WestWater Engineering**  
Consulting Engineers & Scientists

0 200 400 600  
Feet