

August 11, 2022

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

RE: O18 1095 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 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

O18 1095 Well Pad Photographs



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	49.0	97.3
% Basal Cover	0.0	2.0
% Bare ground	19.0	14.7
% Desirable Foliar Cover	39.0	41.9
% Desirable of Reference Site		107.4
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: O18 1095

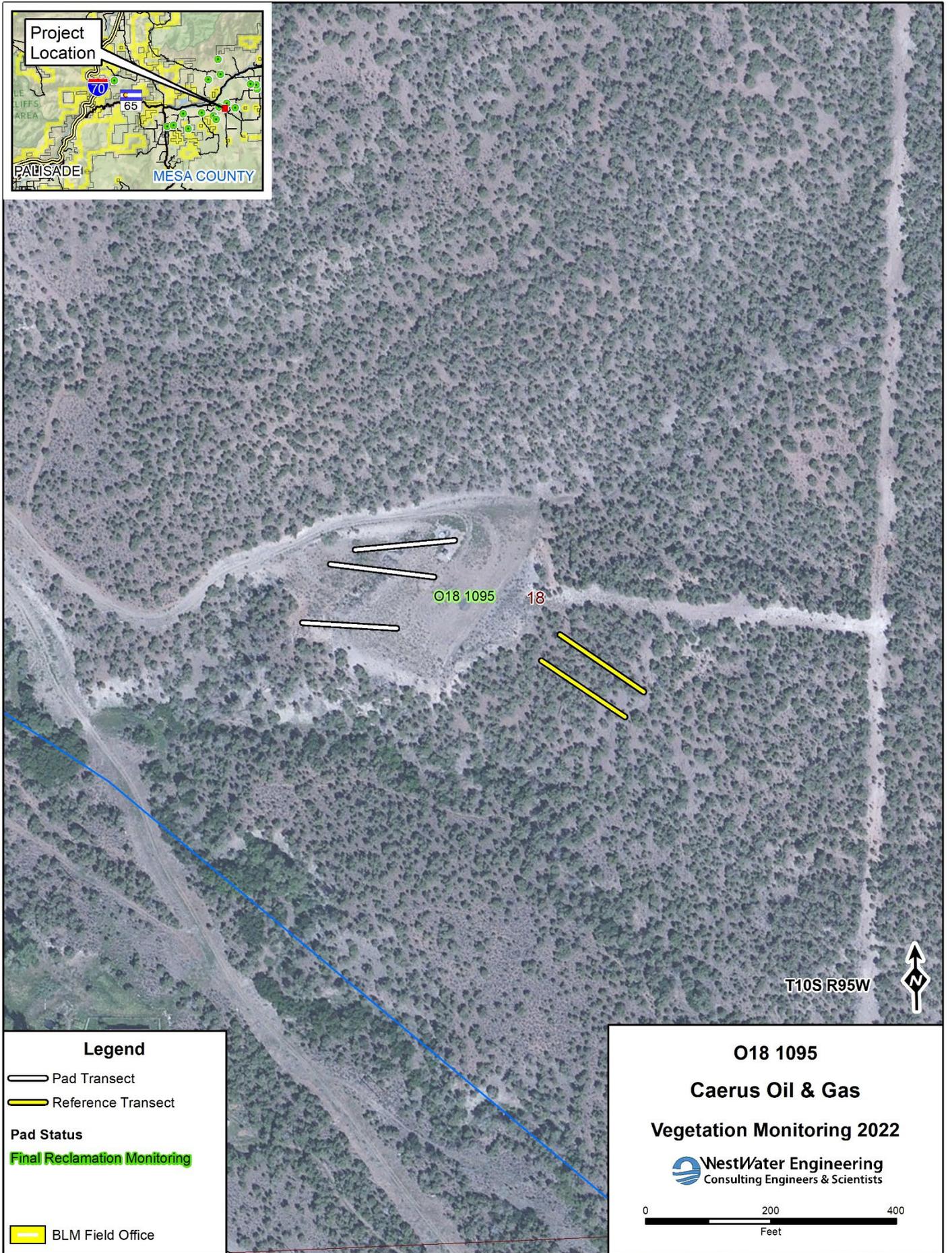
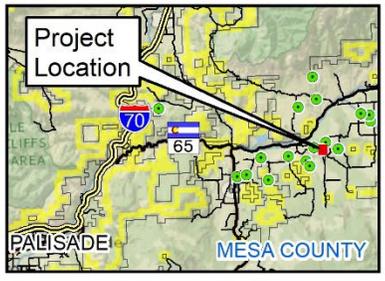
Date: 6/28/2022

Plot: Final Reclamation

Scientific Name	Common Name	Foliar Cover	Basal Cover
Graminoids			
Agropyron cristatum	crested wheatgrass	4.0	0
Bromus arvensis	field brome	16.7	0
Bromus tectorum	cheatgrass	31.3	0
Pleuraphis	galleta grass	4.0	0
Psathyrostachys juncea	Russian wildrye	6.0	1.3
Thinopyrum intermedium	intermediate wheatgrass	23.3	0.7
Grass cover subtotal		85.3	2
Desirable grass cover subtotal		37.3	2
Forbs/Succulents			
Alyssum desertorum	desert madwort	2.7	0
Erodium cicutarium	redstem stork's bill	3.3	0
Lappula occidentalis	flatspine stickseed	0.7	0
Lepidium perfoliatum	clasping pepperweed	0.7	0
Sphaeralcea coccinea	scarlet globe mallow	1.3	0
Forb cover subtotal		8.7	0
Desirable forb cover subtotal		1.3	0
Shrubs			
Ericameria nauseosa	rubber rabbitbrush	3.3	0
Shrub cover subtotal		3.3	0
Desirable shrub cover subtotal		3.3	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:	O18 1095		
Date:	6/28/2022		
Plot:	Reference		
Scientific Name	Common Name	Foliar Cover	Basal Cover
Graminoids			
Bromus tectorum	cheatgrass	6.0	0
Pleuraphis	galleta grass	1.0	0
Grass cover subtotal		7.0	0
Desirable grass cover subtotal		1.0	
Forbs/Succulents			
Alyssum desertorum	desert madwort	1.0	0
Ceratocephala testiculata	curvseed butterwort	1.0	0
Opuntia polyacantha	plains pricklypear	1.0	0
Sisymbrium loeselii	small tumbleweed mustard	2.0	0
Forb cover subtotal		5.0	0
Desirable forb cover subtotal		1	0
Shrubs			
Shrub cover subtotal		0.0	0
Desirable shrub cover subtotal			0.5
Trees			
Juniperus osteosperma	Utah juniper	37.0	0
Desirable trees cover subtotal		37	0
Bold = Desirable Species or Semi-desirable Species			



Legend

- Pad Transect
- Reference Transect

Pad Status

- Final Reclamation Monitoring

BLM Field Office

O18 1095

Caerus Oil & Gas

Vegetation Monitoring 2022

WestWater Engineering
Consulting Engineers & Scientists

0 200 400
Feet