

July 18, 2017

Lindsey Rider
Field Environmental Lead
Encana Oil & Gas (USA) Inc.
143 Diamond Avenue
Parachute, CO 81635

RE: Figure Four 8010D (J12 498) 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 we believe this site meets the criteria to submit Final Abandonment Notice.

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

Sincerely,



Environmental Scientist/Project Manager

Encana		
Location:	Figure Four 8010D (J12 498)	
Date:	6/20/2017	
Plot:	Final Reclamation	
Scientific Name	Common Name	Foliar Cover
Graminoids		
Bromus inermis Leyss.	smooth brome	7.3
Bromus tectorum L.	cheatgrass	2.7
Hesperostipa comata (Trin. & Rupr.) Barkworth	needle and thread	3.3
Pascopyrum smithii (Rydb.) Á. Löve	western wheatgrass	1.3
Poa pratensis L.	Kentucky bluegrass	30.0
Poa secunda J. Presl	Sandberg bluegrass	2.7
Thinopyrum intermedium (Host) Barkworth & D.R. Dewey	intermediate wheatgrass	1.3
Grass cover subtotal		48.6
Forbs		
Cynoglossum officinale L.	gypsyflower	1.3
Taraxacum officinale F.H. Wigg.	common dandelion	6.0
Verbascum thapsus L.	common mullein	1.3
Forb cover subtotal		8.6
Shrubs		
Artemisia frigida Willd.	prairie sagewort	0.7
Artemisia tridentata Nutt. ssp. tridentata	basin big sagebrush	25.3
Chrysothamnus viscidiflorus (Hook.) Nutt.	yellow rabbitbrush	0.7
Ericameria nauseosa (Pall. ex Pursh) G.L. Nesom & Baird	rubber rabbitbrush	24.0
Shrub cover subtotal		50.7
	Reference Site	Reclaim Site
% Vegetative Cover	86.0	70.7
% Basal Cover	2.0	5.3
% Bare ground	10.0	20.7
% Desirable Cover	56.0	65.4
% Desirable of Reference Site		116.0
80% Desirable of Reference	44.8	Site meets 80% of reference site criteria

Encana		
Location:	Figure Four 8010D (J12 498)	
Date:	6/20/2017	
Plot:	Reference	
Scientific Name	Common Name	Foliar Cover
Graminoids		
Achnatherum hymenoides (Roem. & Schult.) Barkworth	Indian ricegrass	2.0
Bromus inermis Leyss.	smooth brome	6.0
Bromus tectorum L.	cheatgrass	28.0
Hesperostipa comata (Trin. & Rupr.) Barkworth	needle and thread	12.0
Pascopyrum smithii (Rydb.) Á. Löve	western wheatgrass	4.0
Poa pratensis L.	Kentucky bluegrass	4.0
Poa secunda J. Presl	Sandberg bluegrass	8.0
Grass cover subtotal		64.0
Forbs		
Cynoglossum officinale L.	gypsyflower	2.0
Forb cover subtotal		2.0
Shrubs		
Artemisia biennis Willd.	biennial wormwood	6.0
Artemisia tridentata Nutt. ssp. tridentata	basin big sagebrush	44.0
Chrysothamnus viscidiflorus (Hook.) Nutt.	yellow rabbitbrush	10.0
Ericameria nauseosa (Pall. ex Pursh) G.L. Nesom & Baird	rubber rabbitbrush	20.0
Symphoricarpos oreophilus A. Gray	mountain snowberry	2.0
Shrub cover subtotal		82.0
	Reference Site	Reclaim Site
% Vegetative Cover	86.0	70.7
% Basal Cover	2.0	5.3
% Bare ground	10.0	20.7
% Desirable Cover	56.0	65.4
% Desirable of Reference Site		116.0
80% Desirable of Reference	44.8	Site meets 80% of reference site criteria



Reclaim Transect 1



Reclaim Transect 2



Reclaim Transect 3



Reference Transect