

July 22, 2025

Kathy Vertiz  
Contract EHS Specialist  
QB Energy Operating, LLC

Via email: KVertiz@qb-energy.com  
cc: bmiddleton@qb-energy.com

RE: PL7NE (Big Creek 2-7) Vegetation Monitoring Summary

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 Energy and Carbon Management Commission (ECMC) final reclamation requirements, this site meets the 80% reference criteria for Final Abandonment Notice. The table below is a summary of the vegetation monitoring effort.

**Percent Cover Summary for the PL7NE Final Reclaim Site**

	Reference Site	Reclaim Site
<b>Total Percent Foliar Cover</b>	97	86
<b>Total Percent Desirable Foliar Cover</b>	33	54.7
<b>Total Percent Basal Cover</b>	0	0
<b>Percent Bare Ground</b>	2	10.7
<b>% Desirable Cover of Reference Site</b>	166	
<b>Site Meets 80% of Reference Criteria</b>		

No State A or B listed noxious weed species were observed at the location during the monitoring effort. The site appears in stable condition and desirable seeded species appear to be well established.

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

Sincerely,



Amie Wilsey  
Principal Environmental Scientist

Attachments

**PL7NE Final Reclaim Site**  
**Average Percent Foliar and Basal Cover by Species**

Code	Scientific	Common	Percent Foliar Cover	Percent Basal Cover
<b>Annual/Biennial</b>				
ALSI8	Alyssum simplex	alyssum	3.3	0
BRTE	Bromus tectorum	cheatgrass	19.3	0
DESO2	Descurainia sophia	herb sophia	2.7	0
ERTR13	Eremopyrum triticeum	annual wheatgrass	0.7	0
SATR12	Salsola tragus	prickly Russian thistle	4.7	0
SIAL2	Sisymbrium altissimum	tall tumbled mustard	0.7	0
TRDU	Tragopogon dubius	yellow salsify	0.7	0
Total Annual/Biennial			32.0	0
<b>Perennial</b>				
BRIN2	Bromus inermis	smooth brome	0.7	0
COAR4	Convolvulus arvensis	field bindweed	3.3	0
ELEL5	Elymus elymoides	squirreltail	2.7	0
ELLA3	Elymus lanceolatus	thickspike wheatgrass	1.3	0
ELTR7	Elymus trachycaulus	slender wheatgrass	3.3	0
ERNA10	Ericameria nauseosa	rubber rabbitbrush	0.7	0
GRSQ	Grindelia squarrosa	curlycup gumweed	0.7	0
MESA	Medicago sativa	alfalfa	0.7	0
PASM	Pascopyrum smithii	western wheatgrass	26.0	0
POBU	Poa bulbosa	bulbous bluegrass	2.0	0
POSE	Poa secunda	Sandberg bluegrass	2.0	0
PSJU3	Psathyrostachys juncea	Russian wildrye	1.3	0
THIN6	Intermediate wheatgrass	Thinopyrum intermedium	9.3	0
Perennial Total			54.0	0
<b>Total Cover</b>			86	0
<b>Bare Ground</b>			10.7	
<b>Total Litter Between Cover</b>			3.3	

Red = Undesirable Species





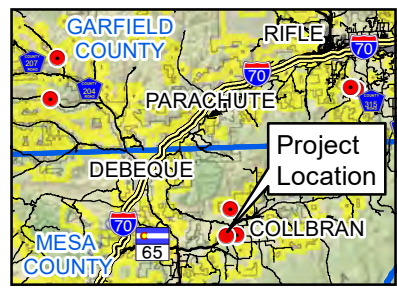
**PL7NE Reference Site**  
**Average Percent Foliar and Basal Cover by Species**

Code	Scientific	Common	Percent Foliar Cover	Percent Basal Cover
<b>Annual/Biennial</b>				
AECY	<i>Aegilops cylindrica</i>	jointed goatgrass	7	0
ALDE	<i>Alyssum desertorum</i>	desert madwort	0	0
ALS18	<i>Alyssum simplex</i>	alyssum	13	0
BRTE	<i>Bromus tectorum</i>	cheatgrass	44	0
Total Annual/Biennial			64	0
<b>Perennial</b>				
BRIN2	<i>Bromus inermis</i>	smooth brome	5	0
PASM	<i>Pascopyrum smithii</i>	western wheatgrass	1	0
SPCO	<i>Sphaeralcea coccinea</i>	scarlet globemallow	2	0
SYAS3	<i>Symphotrichum ascendens</i>	western aster	9	0
THIN6	Intermediate wheatgrass	<i>Thinopyrum intermedium</i>	15	0
THPO7	<i>Thinopyrum ponticum</i>	tall wheatgrass	1	0
Total Perennial			33	0
<b>Total Cover</b>			<b>97</b>	<b>0</b>
<b>Bare Ground</b>			<b>2</b>	
<b>Total Litter Between Cover</b>			<b>1</b>	

Red = Undesirable Species







PL7NE



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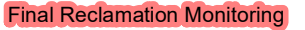
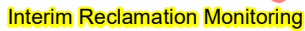
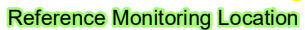
T10S R95W



**Legend**

-  Pad Transect
-  Reference Transect

**Pad Status**

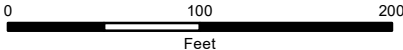
-  Final Reclamation Monitoring
-  Interim Reclamation Monitoring
-  Reference Monitoring Location

 BLM

**PL7NE**

**QB Energy**

**Vegetation Monitoring 2025**



Map Source: Z:\QB Energy\Reclamation Monitoring\2025 FAN Pads\GIS\FAN Transect Maps 7-22-25\PL7NE.mxd 7/25/2025 rb