

Stormwater Inspection Report

Operator:	Laramie Energy, LLC
Project:	Cascade Creek
Location:	Shell 797-03A Pad
Date:	Wednesday, November 2, 2022
Weather:	Partly Cloudy, Windy, 64°, Lo 46°



Type of Inspection Report	14-Day Routine	Monthly Routine	Post-Storm	Corrective Action	Winter Exclusion	Stabilization Complete	Site Review
				X			

Phase(s) of Construction Inspected	No Activity	Clear & Grade	Facility Installation	Drilling Operations	Reclamation	Acres of Disturbance Inspected
	X					0

Stormwater Compliance Questions		YES	NO	N/A
1	Any BMPs Fail or Require Maintenance?	X		
2	Any Issues Identified Requiring the Installation of Additional BMPs?	X		
3	Any Sediment or Other Pollutants Discharged Outside Project Boundaries?		X	
4	Any BMPs Repaired or Maintained?	X		
5	Any New BMPs Installed?	X		
6	Any Hazardous Materials Spilled or Leaked?		X	
7	Any Deviation from the Minimum Inspection Schedule?		X	

Comments / Descriptions / Explanations
<p>Two BMP crews began addressing issues identified in COGCC Document #696204257. One issue identified in Photos #3 and #4 was worked on recently while working on the Shell 797-03B location. The issue partially lies between the two locations. A mini-ex was used to repair and maintain the containment berm/trench that runs horizontally below the Shell 797-03A fill slope and on the Shell 797-03B cut slope. This BMP directs runoff originating from the Shell 797-03A pad into BMPs associated with the Shell 797-03B pad. Rock socks were installed as checks in the containment berm/trench to retain sediment and slow discharge velocities. The failure of this BMP lead to much of the damage observed on the Shell 797-03B cut slope near the condensate tanks. Areas with weak vegetation return (identified as Photo #5) were broadcast seeded and treated with fertilizer to promote growth next spring.</p>

B

Photo 1



Removing Erosion Features Identified in Photo #6

Photo 2



Corrective Action Completed for Photo #6

Photo 3



Seeding Bare Areas Identified as Photo #5

Photo 4



Harrowing Areas Identified in Photo #5

Inspector Name and Title

Mark Carlson, Environmental Inspector

Mark Carlson

11/2/2022

Inspector Signature

Part I.A.3.f. Compliance Signature Requirement

"I verify that, to the best of my knowledge and belief, all corrective action and maintenance items identified during the inspection are complete, and the site is currently in compliance with the permit."

Stormwater Manager Certification Signature

Stormwater Inspection Report

Operator:	Laramie Energy, LLC
Project:	Cascade Creek
Location:	Shell 797-03A Pad
Date:	Monday, November 7, 2022
Weather:	Mostly Sunny, Windy, 65°, Lo 36°



Type of Inspection Report	14-Day Routine	Monthly Routine	Post-Storm	Corrective Action	Winter Exclusion	Stabilization Complete	Site Review
		X					

Phase(s) of Construction Inspected	No Activity	Clear & Grade	Facility Installation	Drilling Operations	Reclamation	Acres of Disturbance Inspected
	X					0

Stormwater Compliance Questions		YES	NO	N/A
1	Any BMPs Fail or Require Maintenance?	X		
2	Any Issues Identified Requiring the Installation of Additional BMPs?	X		
3	Any Sediment or Other Pollutants Discharged Outside Project Boundaries?		X	
4	Any BMPs Repaired or Maintained?	X		
5	Any New BMPs Installed?	X		
6	Any Hazardous Materials Spilled or Leaked?		X	
7	Any Deviation from the Minimum Inspection Schedule?		X	

Comments / Descriptions / Explanations	
<p>BMP crews completed repairs to issues identified by COGCC in Document #696204257. Areas with weak stands of vegetation called out in Photo #5 were seeded and harrowed last week. Today, 20 weed-free certified straw bales were applied as mulch over this location. 250 feet of excelsior wattle was installed perpendicularly, midslope to provide additional protection to areas identified in Photos #6 and #7.</p>	

Photo 1



Installing Excelsior Wattle

Photo 2



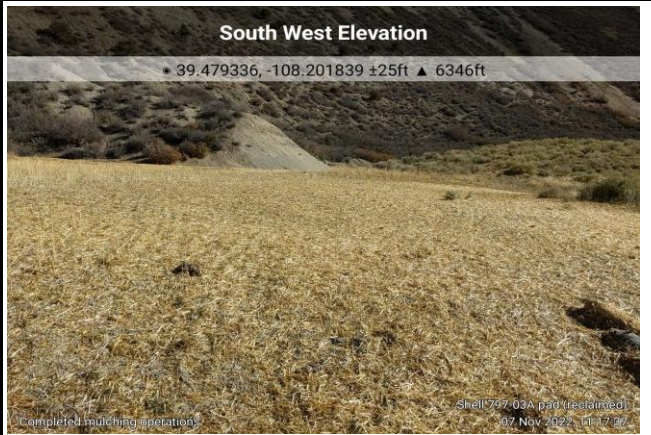
Installing Excelsior Wattle

Photo 3



Applying Straw Mulch

Photo 4



Straw Mulch Applied

Inspector Name and Title

Mark Carlson, Environmental Inspector

Mark Carlson

11/7/2022

Inspector Signature

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Part I.A.3.f. Compliance Signature Requirement

"I verify that, to the best of my knowledge and belief, all corrective action and maintenance items identified during the inspection are complete, and the site is currently in compliance with the permit."

Stormwater Manager Certification Signature