

Stormwater Inspection Report

Operator:	Laramie Energy, LLC
Project:	Cascade Creek
Location:	CC 610-22-43 Pad
Date:	Thursday, June 3, 2021
Weather:	Clear, Light Wind, 92°, Lo 54°



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>One BMP crew continued addressing items on the CC 610-22-43 pad as identified by COGCC in Document #696202101. The crew continued to install excelsior wattle around the perimeter of the location below fill slopes. A total of 525 feet of wattle was installed today. A mini-ex was used to install a containment berm below the pad's cut slope to begin addressing issues depicted in Photos #4 and #5. The mini-ex was also used to maintain the sediment trap near the pad entrance. Work is scheduled to continue tomorrow.</p>

Photo 1



Containment Berm Installed below CC 610-22-43 Cut Slope

Photo 2



Wattle Installed below CC 610-22-43 Fill Slope

Photo 3



Maintaining Sediment Trap near the Pad Entrance

Photo 4



Inspector Name and Title

Mark Carlson, Environmental Inspector

Mark Carlson

Inspector Signature

6/3/2021

Date of 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:	CC 610-22-43 Pad
Date:	Friday, June 4, 2021
Weather:	Clear, Light Wind, 96°, Lo 58°



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 continued and completed the list of items on the CC 610-22-43 pad as depicted in COGCC Document #696202101. The crews completed the excelsior wattle installations below fill slopes by installing 75 additional feet and backfilling wattle installed previously. A mini-ex was used to reshape the vertical cut above the existing cut slope where it could be done safely. The cut slope was broadcast seeded with 40 pounds of QuickGuard and 15 pounds of Upper Cascade Mix. Seed was hand raked where it was safe to do so to incorporate seed into the soil. 1,700 gallons of liquid soil amenities and plant nutrients were applied to the entire cut slope after the seed was incorporated.</p>

Photo 1



Shaping Verticle Cut above Cut Slope

Photo 2



Broadcast Seeding Cut Slope on CC 610-22-43

Photo 3



Hand Raking Seed to Incorporate into Soil

Photo 4



Location after Treating Cut Slope with Liquid Amenities and Nutrients

Inspector Name and Title

Mark Carlson, Environmental Inspector

Mark Carlson

Inspector Signature

6/4/2021

Date of 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