

Stormwater Inspection Report



Operator:	Laramie Energy, LLC
Project:	Cascade Creek Project Area
Location:	CC 697-16D & CC 604-41-32 Pads
Date:	Monday, September 9, 2019
Weather:	Clear, Light Wind, Hi 84°, Lo 51°

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

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 Sediment or Other Pollutants Discharged into Waters of the State?		X	
5	Any BMPs Repaired or Maintained?	X		
6	Any New BMPs Installed?	X		
7	Any New Portion of the Project Seeded or Mulched Since Last Inspection?		X	
8	Any New Portion of the Project Treated with Herbicide Since Last Inspection?		X	
9	Are Supplies and Materials Stored Properly?	X		
10	Any Hazardous Materials Spilled or Leaked?		X	
11	Are Vehicle Tracking Controls in Place and Functioning Properly?			X
12	Are Required Dust Control Measures in Place?			X
13	Any Deviation from the Minimum Inspection Schedule?		X	
14	Any Corrective Actions Taken to Prevent Future Violations?		X	

Comments / Descriptions / Explanations
<p>One BMP crew was mobilized out of the Horseshoe Canyon Project Area due to wet conditions and moved to the Cascade Creek Project Area to address issues recently identified by COGCC. The crew first addressed the partially blocked culvert below the CC 697-16D pad. A spotter was posted during operations due to the tendency of rocks rolling down into that particular location. Two large rocks were wash from the natural drainage above the pad into the culvert, blocking the lower half of the pipe. A mini-ex was used to pull the two rocks out of the culvert to re-establish full flow.</p> <p>The crew then mobilized to the CC 604-41-32 pad to perform standard maintenance between drilling and fracturing operations. The crew began removing silt fence that is no longer necessary. The outlet on the north side of the location was replaced with a new rock apron and excelsior wattle. The crew also removed construction debris, litter, and noxious weeds. A moderate density of houndstongue, musk thistle, and common mullein rosettes are present over the entire location perimeter. This crew is scheduled to continue operations at this location tomorrow. EI also staked and placed a one-call for the Logan Trail 28-10 pad to allow deep excavations to be conducted that will be necessary to correct a sink hole on the west side of the pad.</p>

Photo 1



Silt Fence Damaged while Installing Earthen Berm

Photo 2



Silt Fence Damaged at Cattle Trail Crossing

Photo 3



Installing New Rock Apron on CC 604-41-32 Pad

Photo 4



Removing Large Rocks in Culvert on CC 697-16D

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system design to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name and Title of Inspector

Mark Carlson, Environmental Inspector

Mark Carlson

Certification Signature

9/9/19

Date of Signature