

Stormwater Inspection Report



Operator:	Laramie Energy, LLC
Project:	Cascade Creek Project Area
Location:	CC 604-41-32 Pad & Access Road
Date:	Tuesday, September 10, 2019
Weather:	Scattered T-Storms, Windy, Hi 80°, Lo 59°

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 continued maintenance operations on the Cascade Creek 604-41-32 pad and access road. The entire location was swept for litter, construction debris, and noxious weeds. Noxious weeds primarily consisted of houndstongue, musk thistle, and common mullein and were removed by hand. Litter and construction debris were removed and disposed of properly. Approximately 1,000 feet of silt fence that was no longer necessary was removed. The silt fence was located in dense vegetation approximately 20 feet outside of perimeter containment berms. A mini-ex was used to separate fill slope subsoil from the perimeter containment berm on the north side of the location that was constructed out of topsoil. Subsoil was returned to the fill slope. The failed bar ditch along the access road was replaced with an earthen berm to prevent stormwater from flowing down the access road fill slope. 5 pounds of QuickGuard and two certified weed-free straw bales were used to seed and mulch the containment berm on the northern outlet. 225 feet of excelsior wattle was installed to create wattle checks or reinforce existing rock checks in the channels leading to the north outlet. Operations were suspended mid-afternoon due to lightning and wet conditions.</p>

Photo 1



Hand Crimping Mulch on North Outlet

Photo 2



Wattle Installed below Existing Rock Checks

Photo 3



Installing Wattle in Channel on North Side of Pad

Photo 4



Berm Installed along Access Road

"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

9/10/19

Certification Signature

Date of Signature