

Stormwater Inspection Report

Operator:	Laramie Energy, LLC
Project:	Whittaker Flats Project Area
Location:	Wagon Track Federal 12-14 Pad
Date:	Saturday, August 10, 2019
Weather:	Partly Cloudy, Light Wind, Hi 92°, Lo 62°



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 performed corrective actions on the Wagon Track Federal 12-14 pad in response to the COGCC inspection conducted on 7/29/19 (Document #696600406). A bar ditch / earthen berm was installed across both entrances to the location. Fresh water and gravel were added to the earthen berm to allow for better compaction and increased durability. The bar ditch / earthen berm will prevent stormwater originating from the adjacent road system from flowing onto the pad. This BMP was installed to address the issues called out in photos #5, #6, #7, and #8. Clean gravel was used to repair the minor rills on the pad associated with previous flows from the road system. A mini-ex was used to remove the vehicle ruts identified in photo #10. This material was re-compacted in place and clean gravel and fresh water were added to provide additional compaction and to protect the road surface to prevent reoccurrence. A total of 5 cubic yards of clean gravel was installed on location. 50 additional feet of excelsior wattle was installed on the southern end of the pad to address issues identified in photos #9, #11, and #12. At this time all corrective actions have been completed and equipment has been mobilized off location.</p>

Photo 1



Ruts / Ponding Repaired on Access Road

Photo 2



Bar Ditch / Earthen Berm Installed at Pad Entrance

Photo 3



Bar Ditch / Earthen Berm Installed at Pad Entrance

Photo 4



Excelsior Wattle Installed on South Side of Pad

"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

8/10/19

Date of Signature