

**FORM
INSP**

Rev
X/20

**State of Colorado
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Inspection Date:

10/17/2023

Submitted Date:

04/02/2024

Document Number:

696205712

FIELD INSPECTION FORM

Loc ID 485573 Inspector Name: Trujillo, Aaron On-Site Inspection 2A Doc Num: _____

Status Summary:

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED

Operator Information:

OGCC Operator Number: 10421
Name of Operator: PETROLEUM RESOURCE MANAGEMENT CORP
Address: 1110 SOUTH VINE STREET
City: DENVER State: CO Zip: 80210

Findings:

- 28 Number of Comments
- 20 Number of Corrective Actions
- Corrective Action Response Requested

ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE

Contact Information:

Contact Name	Phone	Email	Comment
Arthur, Denise		denise.arthur@state.co.us	
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		hhill@fieldinghillllc.com	Principal Agent
Roberts, James		j75rober@blm.gov	BLM, courtesy incussion.
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Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
485573	LOCATION	AC	11/21/2023		-	Duncan Unpermitted Pad	CI

General Comment:

On October 17, 2023, ECMC Staff met with Operator and BLM representatives at an unpermitted Oil and Gas Location referred to as the "Duncan Facility".

Representatives on site included ECMC Staff (Location Assessment Specialist K. Fletch, Reclamation Supervisor D. Arthur, Reclamation Specialists A. Trujillo and L. Maxwell); James Roberts with the BLM; and PRM (John R. Carmony, Joei McKinley and Heidi Kaczor).

Due to the lack of a permitted Location or Facility, ECMC Staff was unable to create and submit a Field Inspection Report; a Location ID has since been created so that ECMC Staff interactions could occur. Therefore this inspection is being submitted substantially after the site inspection occurred in order to document the field observations. During the site visit, it was determined that Petroleum Resource Management conducted Oil and Gas disturbances without receiving an approved Oil and Gas Development Plan, and an Oil and Gas Assessment Permit (Form 2A) for the Duncan Unpermitted Pad Location and associated flowline system.

Location is Fee Surface, Federal Minerals. Location and associated flowline system are within the following High Priority Habitats: Elk Migration Corridor; Elk Production Area; Elk Severe Winter Range; Mule Deer Severe Winter Range; Mule Deer Winter Concentration Area; Aquatic Sportfish Management Waters; Aquatic Native Species Conservation Waters; Aquatic Cutthroat Trout Designated Crucial Habitat. Location also within other Consultation Habitats, including Columbian Sharp Tailed Grouse Winter Range (a Colorado State species of concern). Location is approximately 1.4 miles from a known Columbian Sharp Tailed Grouse NSO Lek Site buffer, and there are 3 other known lek sites also within relatively close proximity to the Location and flowline system disturbance.

This inspection does not identify all the alleged compliance issues associated with this Location, rather, only the immediate compliance issues that were apparent at time of the inspection; Operator was made aware of these issues either during the 10/17/2023 meeting, or soon after via email or verbal correspondence.

With exception to ECMC Permitting requirements, the following are an example of compliance issues observed during the inspection:

- Notice of Construction requirements
- Signage requirements
- Topsoil salvage and protection of soils
- Stormwater
- Surface Disturbance Minimization
- Impacts to wetlands and riparian habitats.
- Wildlife protections and mitigation plan within High Priority Habitat.

Due to the nature of the issues associated with this Location, this site will be considered "Out of Compliance" with ECMC Rules and Regulations until, at a minimum, all permitting and compliance issues have been resolved. Corrective action dates are not being provided within this Report, as many issues can not be resolved until the approval of an OGD and 2A.

Location			
Overall Good: <input type="checkbox"/>			
Signs/Marker:			
Type	OTHER		
Comment:	<p>For new Oil and Gas Locations, from the time of construction until Reclamation is complete, the Operator will post a sign at the entrance to an Oil and Gas Location that includes the: (1) Oil and Gas Location name; (2) Commission's assigned Oil and Gas Location identification number (ID #); (3) The Operator's telephone number where it may be reached at all times; and (4) Telephone number(s) for local emergency services (911 where available).</p> <p>Signage pursuant to Rule 605.a not posted.</p>		
Corrective Action:	<p>Pursuant to Rule 605.a., For new Oil and Gas Locations, from the time of construction until Reclamation is complete, the Operator will post a sign at the entrance to an Oil and Gas Location that includes the: (1) Oil and Gas Location name; (2) Commission's assigned Oil and Gas Location identification number (ID #); (3) The Operator's telephone number where it may be reached at all times; and (4) Telephone number(s) for local emergency services (911 where available).</p>		Date:
Type	OTHER		
Comment:	<p>The Operator will, concurrent with the Rule 412 Surface Owner notice, post a sign not less than 2 feet by 2 feet at the intersection of the lease road and the public road providing access to the Oil and Gas Location, with the name of the proposed Well or Oil and Gas Location, the legal location thereof, and the estimated date of commencement of construction. Such sign will be maintained until Well completion operations and construction operations at the Oil and Gas Location are concluded.</p> <p>Location signage pursuant to Rule 406.d not posted.</p>		
Corrective Action:	<p>Pursuant to Rule 406.d., The Operator will, concurrent with the Rule 412 Surface Owner notice, post a sign not less than 2 feet by 2 feet at the intersection of the lease road and the public road providing access to the Oil and Gas Location, with the name of the proposed Well or Oil and Gas Location, the legal location thereof, and the estimated date of commencement of construction. Such sign will be maintained until Well completion operations and construction operations at the Oil and Gas Location are concluded.</p>		Date:
Type	OTHER		
Comment:	<p>A copy of the approved Form 2A, and any Form 4 modifying the approved Form 2A, will be posted in a protected and conspicuous place on location upon commencement of operations with heavy equipment until the conclusion of interim Reclamation.</p> <p>Operator conducted construction activities of the Location prior to receiving a Form 2A Location permit.</p>		
Corrective Action:	<p>Pursuant to Rule 406.c, a copy of the approved Form 2A, and any Form 4 modifying the approved Form 2A, will be posted in a protected and conspicuous place on location upon commencement of operations with heavy equipment until the conclusion of interim Reclamation.</p>		Date:
Type	TANK LABELS/PLACARDS		
Comment:	<p>It was observed during this inspection that Operator has stored 11 steel tanks on the Location, as well as, what appears to be, 4 frac tanks.</p>		
Corrective Action:	<p>Pursuant to Rule 605.h.(1), All Tanks with a capacity of 10 Barrels or greater will be labeled or posted with the following information: A. Name of Operator; B. Operator's emergency contact telephone number; C. Tank capacity; D. Tank contents; and E. NFPA label or equivalent globally harmonized label.</p>		Date:
Emergency Contact Number:			
Comment:	<div style="border: 1px solid black; padding: 2px;">Operator and emergency contact information not posted or apparent on the Location.</div>		
Corrective Action:	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>		Date: _____
Overall Good: <input type="checkbox"/>			
Spills:			
Type	Area	Volume	

In Containment: No
 Comment:
 Multiple Spills and Releases?

Equipment:		corrective date
Type:	#	
Comment:	Operator has placed 11 steel tanks on the Location, it was observed that many of the tanks are open at the manhole, or other areas of the tanks. Tanks have not been properly closed, covered, or lack other BMPs to prevent unauthorized access by people or wildlife.	
Corrective Action:	Pursuant to Rule 902.b., Operators will prevent adverse environmental impacts on any air, water, soil, or biological resource resulting from Oil and Gas Operations and will protect and minimize adverse impacts to public health, safety, welfare, the environment, and wildlife resources. Replace covers at tanks and/or install BMPs to prevent wildlife access to tanks.	Date:

Venting:

Yes/No		
Comment:		
Corrective Action:		Date:

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Location Construction

Location ID: 485573 CDP: _____

Comment: Operators will provide the Commission written notice 2 business days in advance of commencing construction or a major change at any Oil and Gas Location or Oil and Gas Facility. Such notice will be provided on a Form 42, Field Operations Notice – Notice of Construction or Major Change. Based on Satellite imagery, construction of the Location commenced at some point between 7/30/2023 and 8/9/2023. Operator failed to provide written notice of construction via a Form 42.

Corrective Action: Pursuant to Rules 405.b and 406.b, Operators will provide the Commission written notice 2 business days in advance of commencing construction or a major change at any Oil and Gas Location or Oil and Gas Facility. Such notice will be provided on a Form 42, Field Operations Notice – Notice of Construction or Major Change.

Date: _____

Form 2A COAs:

Comment: Petroleum Resource Management conducted Oil and Gas disturbances without receiving an approved Oil and Gas Development Plan, and an Oil and Gas Assessment Permit (Form 2A) for the Duncan Unpermitted Pad Location and associated flowline system.

Corrective Action: Pursuant to Rule 304.a, Operators will submit and obtain approval of a Form 2A prior to surface disturbance at a site previously undisturbed by Oil and Gas Operations.

Date: _____

Wildlife BMPs:

Comment: Based on Satellite imagery, construction of the Location and flowline system commenced at some point between 7/30/2023 and 8/9/2023, within the nesting season for migratory birds (April 1 to August 31).

To ensure compliance with Rule 1202.a(8), staff is requiring documentation of pre-construction nesting migratory bird surveys within the disturbance areas.

Corrective Action: _____

Date: 04/04/2024

Submit the pre-construction nesting migratory bird survey.

Operator shall provide documentation via Form 4 Sundry; route to Area Reclamation Specialist Aaron Trujillo.

Stormwater:

Erosion BMPs	Present	Other BMPs	Present
WADDLES			

Comments: Erosion BMPs: Operator has placed erosion logs along areas of the pipeline disturbance, including a constructed access road. Erosion logs have not been installed per good engineering practices. See "1002.e".

Other BMPs:

Corrective Action: Pursuant to Rule 1002.f, operators shall implement and maintain Best Management Practices (BMPs) at all oil and gas locations to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Date: _____

Erosion BMPs	Present	Other BMPs	Present
SILT FENCES			

Comments: Erosion BMPs: Silt fences implemented along areas of the pipeline corridor. BMPs have not been installed or maintained per good engineering practices. See "1002.e".

Other BMPs:

Corrective Action: Pursuant to Rule 1002.f, operators shall implement and maintain Best Management Practices (BMPs) at all oil and gas locations to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Date: _____

Erosion BMPs	Present	Other BMPs	Present
DITCHES			

Comments: Erosion BMPs: Combination Ditch and Berm constructed on the southern, western, and northwestern perimeter of the disturbance.

BMPs has been constructed with use of Topsoil material. See "1002.b".

Other BMPs:

Corrective Action: Pursuant to Rule 1002.f, operators shall implement and maintain Best Management Practices (BMPs) at all oil and gas locations to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Date: _____

Erosion BMPs	Present	Other BMPs	Present

Comments: Erosion BMPs: Culvert installed along access road at an unnamed intermittent drainage. Inlet/outlet protections and armoring not observed.

Other BMPs:

Corrective Action: Pursuant to Rule 1002.f, operators shall implement and maintain Best Management Practices (BMPs) at all oil and gas locations to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Date: _____

Comments: Erosion BMPs: Stormwater and erosion control measures missing or insufficient along the access road (perimeter) at the Duncan Facility. Soils at "fill" areas of the road lack stabilization; BMPs to minimize erosion, degradation and sediment transport inadequate.

Other BMPs: Culverts- Access road leading from duncan facility. Inlet/Outlet protections and armoring not observed.

Corrective Action: Pursuant to Rule 1002.f, operators shall implement and maintain Best Management Practices (BMPs) at all oil and gas locations to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Date: _____

Comments: Erosion BMPs: Stormwater and erosion control measures to stabilize, as well as to manage runoff in a manner that minimizes erosion and degradation at the (cut) slopes on the northeast end of the Location are missing or insufficient; slopes bare and at risk to erosion degradation

Other BMPs: Perimeter stormwater and erosion controls not installed along the northeastern perimeter of the Location. These areas also include disturbances related to the pipeline.

Corrective Action: Pursuant to Rule 1002.f, operators shall implement and maintain Best Management Practices (BMPs) at all oil and gas locations to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Date: _____

Comments: Erosion BMPs: Stormwater and erosion control BMPs at, and along the perimeter of, the topsoil stockpile are missing.
See "1002.c".

Other BMPs:

Corrective Action: Pursuant to Rule 1002.f, operators shall implement and maintain Best Management Practices (BMPs) at all oil and gas locations to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Date: _____

Comments: Erosion BMPs: Operator has implemented 2 outlets from the stormwater diversion ditch; BMP has not been constructed in conjunction with sediment traps to allow for sediment drop-out prior to stormwater discharging from Location. Additionally, BMPs have been constructed with use of Topsoil material. See "1002.b".

Other BMPs: Rip-rap armoring implemented at outlets of controls. Unknown if geotextile line has been implemented in conjunction with rip-rap in accordance with good engineering practice.

Corrective Action: Pursuant to Rule 1002.f, operators shall implement and maintain Best Management Practices (BMPs) at all oil and gas locations to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Date: _____

Comment: All oil and gas locations are subject to the Best Management Practices requirements of Rule 1002.f.(2)

Corrective Action: Date:

Pursuant to Rule 1002.f, Oil and gas operators shall implement and maintain Best Management Practices (BMPs) at all oil and gas locations to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation... Operators shall implement, and maintain BMPs in accordance with good engineering practices, including measures such as: erosion controls designed to minimize erosion from unpaved areas, including operational well pads, road surfaces and associated culverts, stream crossings, and cut/fill slopes.

On Site Inspection (305):

Surface Owner Contact Information:

Name: _____ Address: _____
Phone Number: _____ Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____ Phone Number: _____
Date Onsite Request Received: _____ Date of Rule 306 Consultation: _____

Request LGD Attendance: _____

LGD Contact Information:

Name: _____ Phone Number: _____ Agreed to Attend: _____

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Inspected Facilities

Facility ID: 485573 Type: LOCATION API Number: - Status: AC Insp. Status: CI

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND SEGREGATION Fail

Comment [See "1002.b-Soil Removal and Segregation" under "COGCC Comments" at the end of this report, for comment regarding topsoil.](#)

Corrective Action Pursuant to Rule 1002.b., operator shall separate and store the topsoil horizon or the top six (6) inches, whichever is deeper, and mark or document stockpile locations to facilitate subsequent reclamation. When separating the soil horizons, the operator shall segregate the horizon based upon noted changes in physical characteristics such as organic content, color, texture, density, or consistency.

Date _____

1002c. PROTECTION OF SOILS Fail

Comment [See "1002.c-Protection of Soils" under "COGCC Comments" at the end of this report, for comment regarding stockpile protections.](#)

Corrective Action Pursuant to Rule 1002.c- All stockpiled soils shall be protected from degradation due to contamination, compaction and, to the extent practicable, from wind and water erosion during drilling and production operations. Best management practices to prevent weed establishment and to maintain soil microbial activity shall be implemented.

Date _____

1002E. SURFACE DISTRURBANCE MINIMIZATION Fail

Comment [See "1002.e -Surface Disturbance Minimization" under "COGCC Comments "at the end of this report, for comment regarding Surface Disturbance Minimization.](#)

Corrective Action Pursuant to Rule 1002.e and 1002.f- In order to reasonably minimize land disturbances and facilitate future reclamation, well sites, production facilities, gathering pipelines, and access roads shall be located, adequately sized, constructed, and maintained so as to reasonably control dust and minimize erosion, alteration of natural features, removal of surface materials, and degradation due to contamination. Operators shall avoid or minimize impacts to wetlands and riparian habitats to the degree practicable. Operators shall implement BMPs in accordance with good engineering practices, including erosion controls to minimize erosion from unpaved areas, including road surfaces, associated culverts, and stream crossings.

Date _____

1003a. Waste and Debris removed? _____

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment _____

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? _____

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment

Corrective Action

Date _____

1003b. Area no longer in use? _____ Production areas stabilized ? _____

1003c. Compacted areas have been cross ripped? _____

1003d. Drilling pit closed? _____ Subsidence over on drill pit? _____

Cuttings management: _____

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? _____

Production areas have been stabilized? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? _____

Comment

Corrective Action

Date _____

Overall Interim Reclamation

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: _____

Reminder: _____

Comment:

Well plugged _____ Pit mouse/rat holes, cellars backfilled _____

Debris removed _____ No disturbance /Location never built _____

Access Roads Regraded _____ Contoured _____ Culverts removed _____

Gravel removed _____

Location and associated production facilities reclaimed _____ Locations, facilities, roads, recontoured _____

Compaction alleviation _____ Dust and erosion control _____

Non cropland: Revegetated 80% _____ Cropland: perennial forage _____

Weeds present _____ Subsidence _____

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

Comment: <input style="width: 90%;" type="text"/>	
Corrective Action: <input style="width: 90%;" type="text"/>	Date: <input style="width: 100%;" type="text"/>
Overall Final Reclamation <input type="checkbox"/>	Well Release on Active Location <input type="checkbox"/> Multi-Well Location <input type="checkbox"/>

COGCC Comments

Comment	User	Date
<p>1002.b-SOIL REMOVAL AND SEGRAGATION</p> <p>Pursuant to Rule 1002.b.(2), Operator shall separate and store the topsoil horizon or the top six (6) inches, whichever is deeper.</p> <p>With use of a sUAS, ECMC Staff measured the disturbance area and topsoil stockpiles on the Location, and determined that Operator had salvaged and stored ~1,809 cubic yards of topsoil material on the north end of the site. The pad, and areas of the Location subject to soil salaged requirements were measured to be 4.85 acres; at a minimum of 6", it is expected that at least 3,908 cubic yards of topsoil should have been salvaged and stored on the Location. Intact vegetation evident at the toe of the slopes, partially covered with fill material also indicates that not all of the topsoil had been salvaged and segregated.</p> <p>Operator failed to perform adequate topsoil salvage operations on the Location pursuant to Rule 1002.b.(2).</p> <p>It was also observed that Operator has utilized topsoil material at the base of the fill slopes/subsoils of the Location as a berm and sediment trap to manage stormwater runoff along the perimeter of the Location; utilization of topsoil as stormwater control measures does not comport with Rule 1002.b and 1002.c.</p> <p>ADDITIONAL COMMENTS:</p> <p>NRCS Soil Survey and UC Davis SoilWeb data indicate soils within the area of the Location are a "Herm-Fughes complex, 10 to 20 percent slopes.</p> <p>Soil data for the "Herm" series indicate an A horizon from 0-6", AB from 6-13", with the Bt1 horizons continuing to a depth of ~17".</p> <p>Soil data for the "Fughes" series indicate an A horizon from 0-5", a BA horizon from 5-18".</p> <p>Operator did not submitted a Topsoil Protection Plan pursuant to Rule 304.c.(14), and ECMC Staff was unable to inspect the site during construction activities, therefore Staff was unable to determine the topsoil horizon depths throughout the Location. However, based on the NRCS and UC Davis data, topsoil depth throughout the Location could vary between 6 to 18 inches in depth.</p>	trujilloam	03/28/2024
<p>With use of a sUAS it was observed that the disturbance area of the Location is ~5.7 acres; 6.3 acres with the access road.</p>	trujilloam	03/28/2024

<p>1002.c. - PROTECTION OF SOILS</p> <p>All stockpiled soils shall be protected from degradation due to contamination, compaction and, to the extent practicable, from wind and water erosion during drilling and production operations. Best management practices to prevent weed establishment and to maintain soil microbial activity shall be implemented</p> <p>It was observed during this inspection Operator has placed topsoil stockpiles along the perimeter of the working pad surface on the north end of the Location. Stockpiles bare, unstabilized and at risk from wind and water erosion; BMPs to minimize erosion and degradation missing from the stockpiles.</p> <p>It was also observed that control measures to manage stormwater runoff and minimize sediment transport are also missing along the perimeter of the stockpile.</p> <p>It was also observed that Operator has utilized topsoil material at the base of the fill slopes/subsoils of the Location as a berm and sediment trap to manage stormwater runoff. Topsoil is not an appropriate material to construct stormwater control measures, as doing so places the resource at risk of degradation due to mixing/contamination with subsoils/sediment, loss, and displacement due to stormwater discharge. In addition, the stormwater BMPs are required to be compacted per good engineering practices, which damages and degrades the topsoil resource; use of topsoil as stormwater control measures does not comport with Rule 1002.b and 1002.c</p>	<p>trujilloam</p>	<p>03/29/2024</p>
<p>1002.E- SURFACE DISTURBANCE MINIMIZATION</p> <p>In order to reasonably minimize land disturbances and facilitate future reclamation, well sites, production facilities, gathering pipelines, and access roads shall be located, adequately sized, constructed, and maintained so as to reasonably control dust and minimize erosion, alteration of natural features, removal of surface materials, and degradation due to contamination. Operators shall avoid or minimize impacts to wetlands and riparian habitats to the degree practicable. Operators shall implement BMPs in accordance with good engineering practices, including measures such as erosion controls designed to minimize erosion from unpaved areas, including road surfaces and associated culverts, and stream crossings</p> <p>It was observed that Operator constructed a pipeline leading to and from the Duncan Facility; pipeline travels south approximately 4 miles, and crosses multiple drainages and Wetland (Riverine) corridors with an ECOMC designation of "Aquatic High Priority habitats", including Aquatic Sportfish Management Waters, Aquatic Native Species Conservation Waters and Aquatic Cutthroat Trout Designated Crucial Habitat. Part of the construction also included new roads with stream crossings.</p> <p>It was observed that some reclamation along the pipeline is apparent, such as replacement of soils. However, stormwater erosion control measures to manage runoff in a manner that minimizes erosion, degradation and sediment transport were missing or insufficient throughout the pipeline disturbance, and associated access road stream crossings:</p> <ul style="list-style-type: none"> -Erosion logs implemented along the access road; BMP has not been installed or maintained per good engineering practice, and alone is inadequate. -Access road has not been installed with an engineered stream crossing; tracking and degradation evident; this is considered impacts to Waters of the State. -There are areas of the pipeline disturbance where ~20 feet of Silt fence has been implemented at the toe of slopes. BMP was not installed in accordance with good engineering practice; control was installed backwards, and had not been properly trenched resulting in degradation and sediment transport. -It was also observed that areas of the pipeline construction had disturbed a spring, resulting in sedimentation and impacts to Waters of the State. 	<p>trujilloam</p>	<p>03/29/2024</p>

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
403739965	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6491536
696205713	Impacts to Spring at Slater Creek	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6491524
696205715	Photos, Annotation and Issues Report	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6491526