

# Introduction

Wednesday, January 25, 2023 1:59 PM

Safety Topic -

## **Introductions**

**Green River FL 141 is 17.28 miles of 6 inch pipeline within an approximate 100 ft. wide ROW. The project starts at the western terminus at approx. 900 feet west of Green River. From here it extends eastward on the north side of Main St. cross by boring the Green River and continue to Old Highway 6 & 50 shortly east of this point the project enters BLM land. The pipe crosses to the south side of 6 & 50 crosses back to the north. It turns south at Ruby Ranch Road and continues south to the eastern terminus at the Greentown Pigging Station.**

**Because it crosses BLM and SITLA lands there are a number of non-typical obligations that we are committed to and I'll discuss those in detail, shortly.**

# Green River Permit Matrix

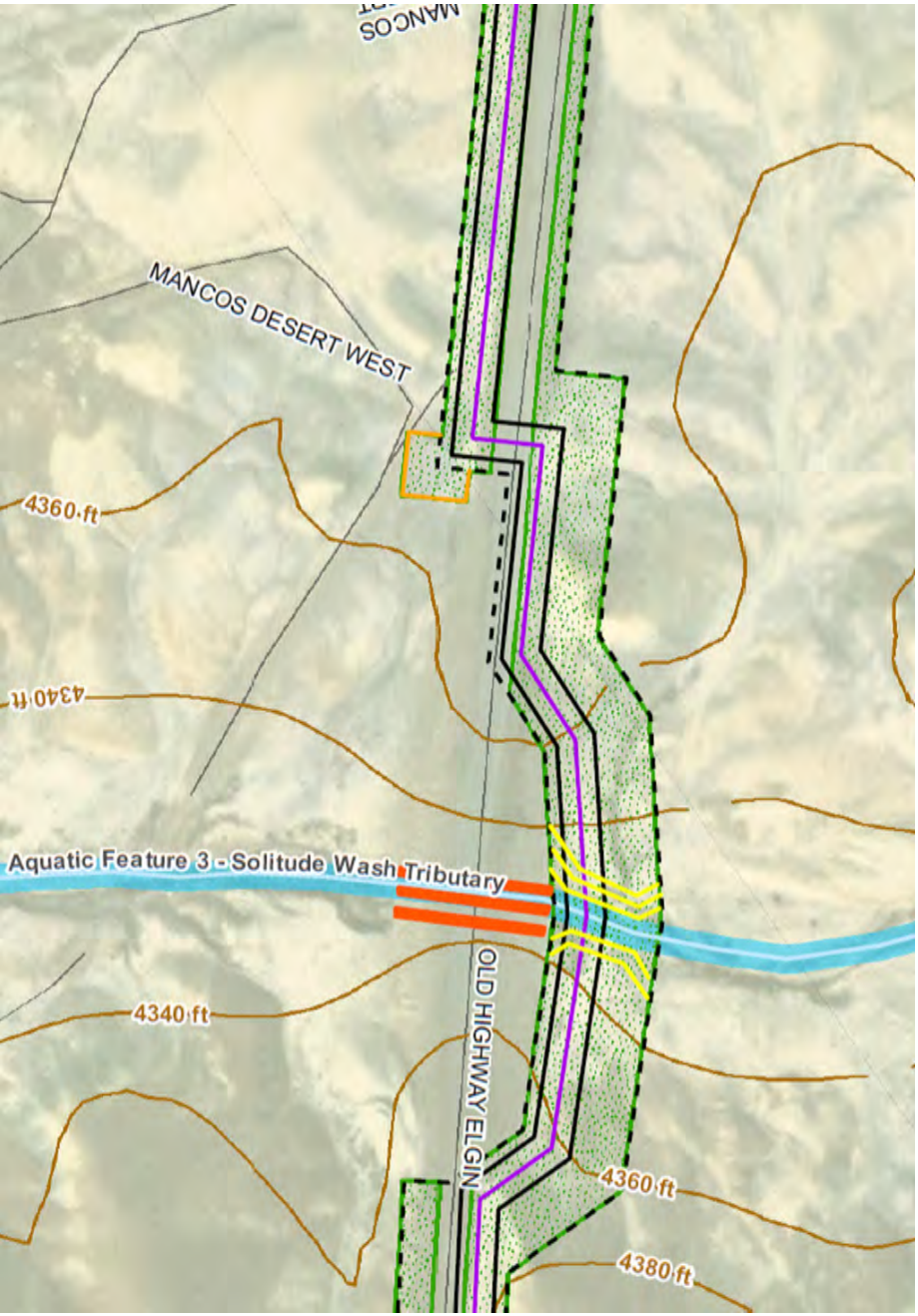
Monday, September 12, 2022 10:01 AM

Permits and Conditions	Permit No./Reference	Effective Date	Expiration Date	Condition Details
Storm Water	UTRC06119	12/02/2022	12/01/2023	Project must comply with conditions of the SWPPP (Additional details to follow)
Green River Section 10 Crossing	SPK-2022-00475	11/10/2022	3/14/2026	No work is anticipated to be conducted within the ordinary high water mark of Green River. If emergency response requires work to be conducted in this area, Dominion must be contacted immediately. Appropriate soil and sediment controls must be used and maintained in effective operating condition during construction. Any findings of previously unknown historic, cultural or archeological remains and artifacts must be reported to Dominion immediately.
Utah Stream Alteration Permit	22-92-01SA Browns Wash 22-92-02SA Floy Wash 22-92-03SA Solitude 22-92-04SA Grand Wash	1/5/202	1/5/2025	<ul style="list-style-type: none"> <li>Bedding and backfill placed around pipe may not be more free draining than existing soils in stream channels, banks and riparian zones. Loosely compacted material may act to violate this condition. Bedding and backfill materials must be either fine-grained or constructed in such a manner that it does not act as a drain. This shall include placing clay cut-off collars or utilizing compaction techniques.</li> <li>Excavated material and construction debris may not be washed in any stream channel or placed in flowing waters, this will include material such as grease, oil, joint coating or any other possible pollutant. Excess materials must be wasted at an upland site well away from any channel. Construction materials, bedding material, excavated material, etc. may not be stockpiled in riparian or channel areas.</li> <li>Best management practices should be implemented and maintained during any streamside or instream work to minimize sedimentation, temporary erosion of stream banks, and needless damage or alteration to the streambed.</li> <li>Within 30 days after the completion of this project, the attached compliance certification form must be completed and returned to the US Army Corps of Engineers.</li> </ul>
Utah State Lands	TBD			
BLM - Cultural				<ul style="list-style-type: none"> <li>Historic Road <b>42EM5649/42GR2651</b> (Old US 6&amp;50) Ground disturbance confined to the existing 6/50 disturbance corridor with weekly inspections and pre-con awareness training</li> <li>Historic Railroad <b>42EM5652/42GR0935/(42GR2507)</b>(<i>Denver and Rio Grande Western Narrow Gauge Railroad</i>) Avoid by 15 meters (bore under, beginning 15 meters form the site boundary) with a cultural monitor present for any ground disturbance within 15 meters of all intact contributing portions.</li> <li>Prehistoric lithic scatter; historic artifact scatter<b>42GR2764</b> - project activities will be confined to existing Old highway 6/50 disturbance corridor with a cultural monitor present for all activities within 15m of site.</li> <li>Historic road <b>42GR4995</b> (Little Valley Road) - cultural monitor for all ground disturbance within 15 m of all intact contributing portions.</li> <li>Any cultural or paleontological resource (historic or prehistoric site or object) or Native American human remains, funerary item, sacred object, or objects of cultural patrimony discovered shall be immediately reported to Dominion.</li> </ul>
BLM - Biological				<ul style="list-style-type: none"> <li>Spatial and seasonal buffers for active raptor nests and natal kit fox dens apply.</li> <li>No surface disturbing activities will take place within 200 meters of and occupied kit fox natal den March 1 through July 31.</li> <li>Surface disturbing activities not allowed in Cisco Desert from May 1 to June 15 to avoid pronghorn fawning season.</li> <li>Surface disturbing activities not allowed during May 1 to July 31 near occupied bird nest.</li> <li>Surface disturbing activities within 0.25 miles of known burrowing owl nests from March 1 through August 31.</li> <li>Surface disturbing activities within 0.5 mile of known ferruginous hawk nests from March 1 through August 1.</li> <li>Surface disturbing activity not allowed during white-tailed prairie pupping season April 1 to June 15 unless no dog colonies and or dens occur within 200 m pipeline construction.</li> <li>No construction activities within 0.25 miles of burrowing owl until post fledging.</li> <li>If construction alignment results in impact to active burrowing owl nest, Dominion should be notified immediately.</li> <li>Surveys must be completed prior to construction activities occurring March 1 through August 31</li> <li>No surveys required Sept. 1 through February 28.</li> </ul>
BLM - Paleo				A paleo monitor will be required for the area near Greentown M&R Station.
BLM - Other				<ul style="list-style-type: none"> <li>No construction or routine maintenance activities shall be performed during periods when soil is too wet to adequately support construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.</li> <li>To reduce impacts to saline soils and associated water quality conditions, no surface disturbance will be conducted from December 1 through May 31 if soils are wet or frozen.</li> </ul>

## SAP Feature

Tuesday, January 31, 2023

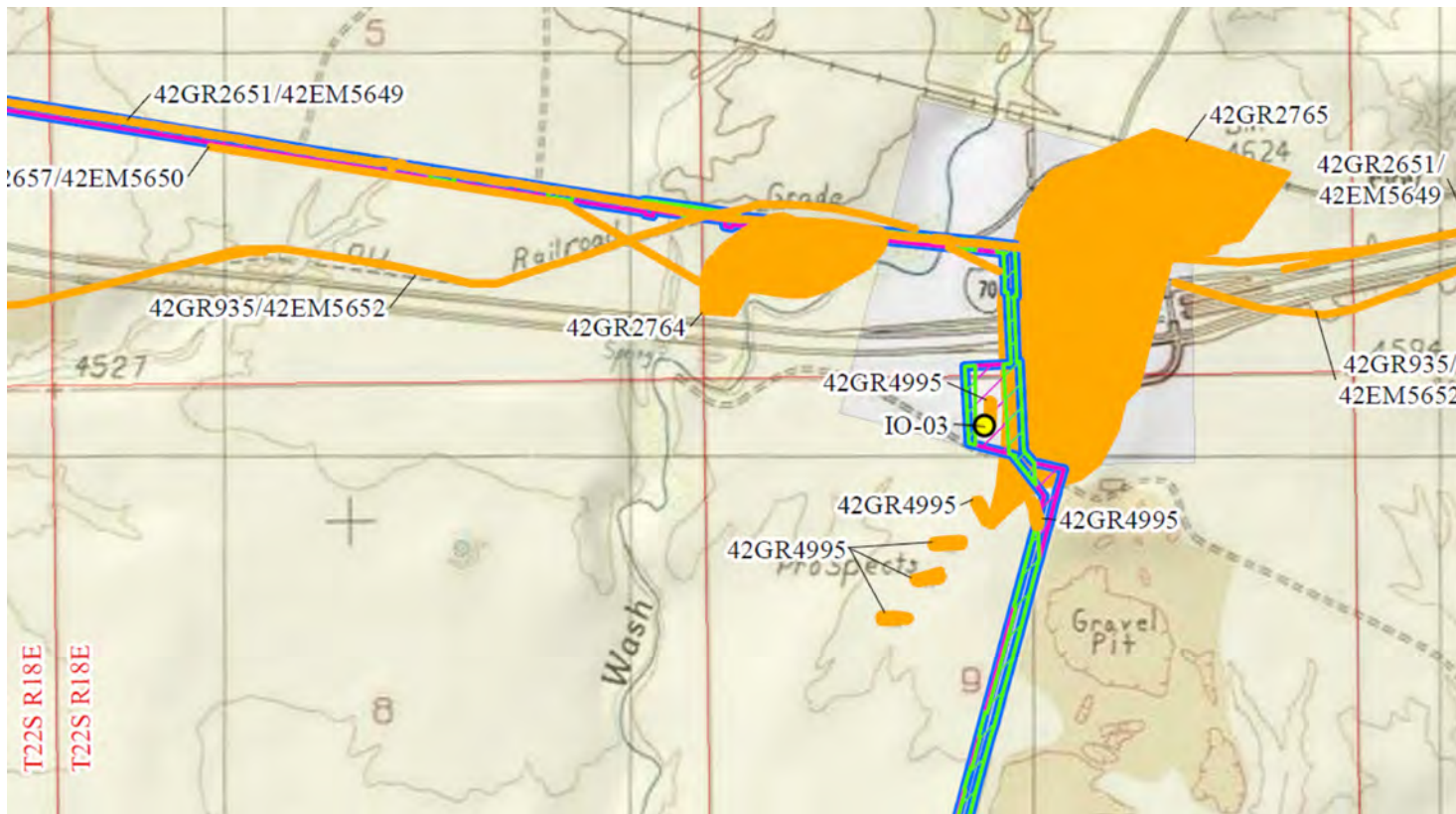
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**SWPPP Map showing SAP Stream Location**

## Cultural Resource Mapping

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## Cultural Resource Mapping



Figure D-7. Detail showing IO-07, two prehistoric flakes.





Figure D-5. Detail showing IO-05, historic state road ROW marker and glass fragments



Figure D-3. Detail showing IO-03, two prehistoric flakes and two historic cans.

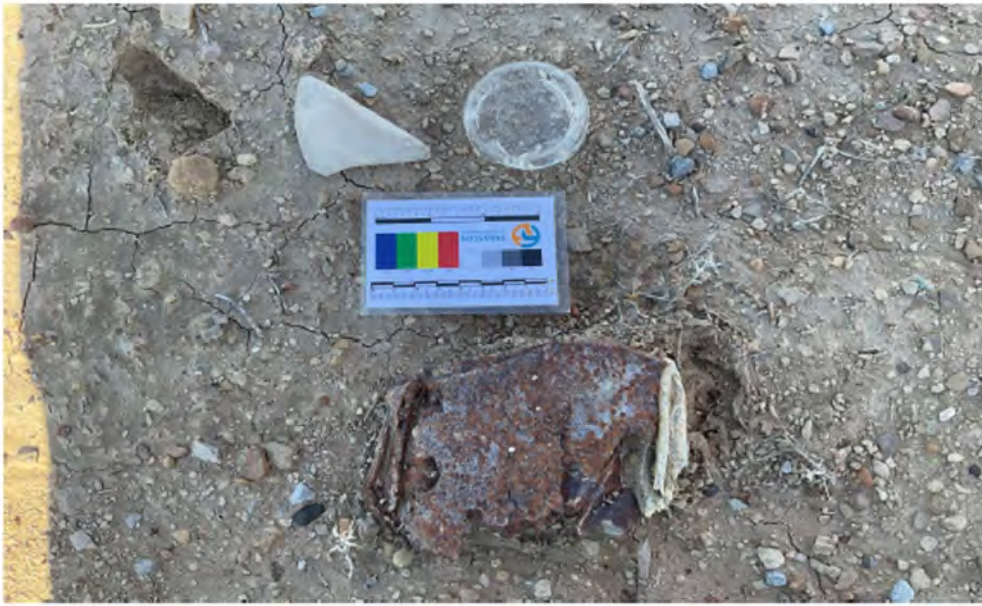
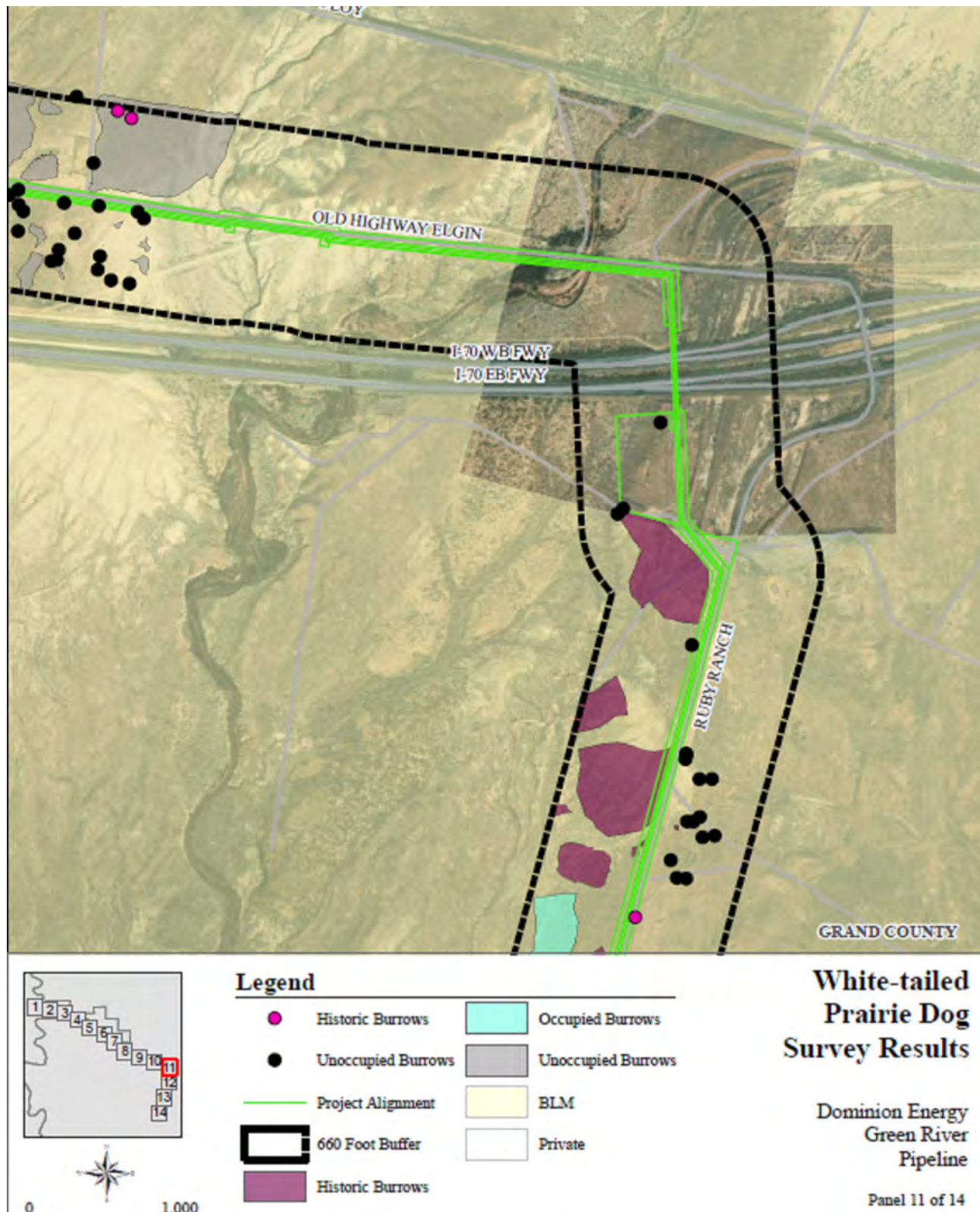


Figure D-1. Detail showing IO-01, historic glass and can.



# Wildlife

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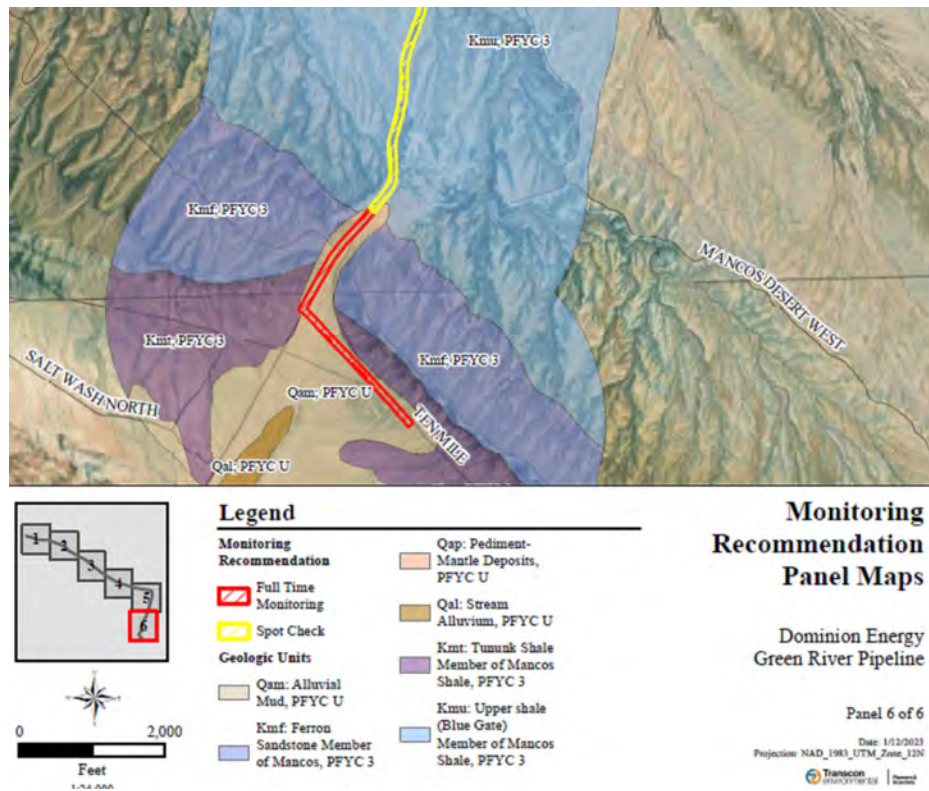






# Paleo Map

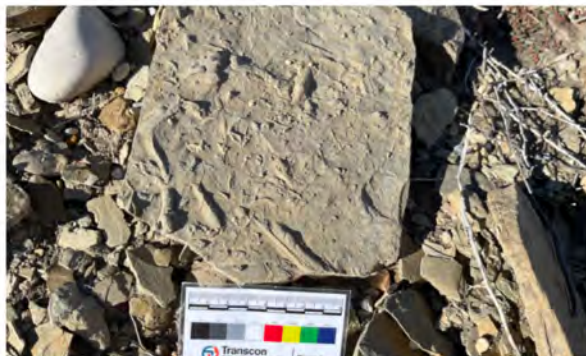
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**Photo 8:** Photo of inoceramid clam fragments, one of the most common fossils found within the Project area.



**Photo 9:** Photo of one of the *Ptychodus whipplei* shark teeth collected near the existing natural gas facility.



**Photo 10:** Trace fossil invertebrate burrows preserved near the northeastern portion of the Mancos outcrops within the Project area. Many trace fossils similar to this are present.

# SWPPP

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- The SWPPP for this project is attached and a copy should be available to the contractor.

- A sign must be posted on site displaying the UPDES Tracking #, contractor company name and phone.
- The contractor must site and date the Subcontractor Certification Page in Appendix E of the SWPPP

The SWPPP includes;

- A list of the Storm Water Team and contact information
- Nature of Construction Activities
- Water Quality Information
- Pollution Prevention Standards
- Erosion and Sediment Controls – BMPs
- Inspection Requirements
- Corrective Action Procedures
- Recordkeeping
- Amendment Log
- SWPPP Certifications
- E&SC Typical and Specifications
- Copy of the UPDES General Construction Permit Rules
- Fugitive Dust Permit



### **Primary Erosion and Sediment Controls**

- Inlet Protection – gravel bags and witches hats
- Sediment barriers – straw wattle
- Track out control – gravel lined driveway
- Housekeeping – street sweeping, trash containers, dust control plan
- Restoration – grading and re-seeding

### **Incident Reporting – Use the Dominion Hot Line 800-767-1689**

- Spills of fuel, oil, lubricants, antifreeze, hydraulic fluid, paints, epoxies, chemicals, waste water, bore mud. Concrete saw slurry, sewage discharge, water utility breaches, sediment laden water must be reported.
- Discharges to water bodies, fill material, liquids, solids must be reported.
- Impacts to wildlife (birds, nests, eggs, reptiles, snakes, fish, turtles/tortoise and/or any animal) including an incidental kill or injury.
- Encounter with historic or pre-historic artifacts (arrow heads, chips of pottery, stone or earthworks, fossils, bones, stone tools, old iron objects. If these items are discovered a stop work order must be given, Dominion must be notified and follow up investigations will be completed before work can resume.

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### **Dust Control**

- Fugitive Dust Control Permit must be obtained by the contractor. Please visit [Fugitive Dust Control Requirements for Non-Attainment Areas: Stationary Source Compliance - Utah Department of Environmental Quality](#) for instructions to prepare the permit. Return a completed permit to DEU environmental services.

### **Other Notes**

- Contractor must not work outside of designated limits of disturbance as shown in the SWPPP
- Keep waste in appropriate reciprocals (dumpster, labeled drums, tanks, etc.) and store in an orderly fashion
- Port-A-Johns to be located on flat impervious or gravel away from streams, wetlands, drainageways, etc.
- Contain saw cuttings by using shop vacs and proper inlet protection
- Use only approved concrete washout containment systems such as ECOPAN.
- Other than refueling and lubricant top-offs no vehicle or equipment maintenance is allowed in the project area.
- Use absorbent padding and drip pans when re-fueling and dispose of materials in appropriate waste containers
- Spill kits must be available in each vehicle and include at a minimum; 5-gallon bucket, absorbent padding, shovel and plastic bags. Spills must be cleaned up immediately. If large spills occur call 911.
- Vehicles should be clean when brought on-site
- Frac Tanks must be clean with no fluids from other project when brought on-site
- Contractor may not have more than 1,320 gallons of fuel containers in aggregate on-site



## SWPPP Page 4

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### **Other Notes**

- If groundwater is encountered contact Dominion ECC. A dewater permit is needed when proposing to discharge to any surface water (stream, wetland, catch basin, canal, etc)
- The environmental inspector will conduct weekly inspections
  - Identify any needed repairs, modifications or replacements of E&SCs
  - Remedies must be completed within 24 hours
- The estimated disturbance for this project is 4.72 acre. The recommended seeding type is included in the SWPPP in Appendix J.
- All staff that supports efforts to comply with the GCP and SWPPP must attend training. The Environmental Inspector will conduct any follow-up training
- A migratory bird and nest survey must be conducted within 10 days of construction start date. Please make arrangements for this survey with Justin DeCaro

Contacts;

Brian Nosich: Environmental Compliance Coordinator  
307-371-9321

Steve Ryder: Environmental Project Advisor 330-813-8805

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### **Corrective Action Deadlines for Construction Sites covered under General Permit for Storm Water Discharges from Construction Sites (UTRC00000)**

- Conditions triggering Corrective Action;
  - A storm water control needs repair or replacement (beyond routine maintenance required)
  - A storm water control necessary to comply with the requirements of the permit was never installed or was installed incorrectly
  - Discharges are causing an exceedance of applicable water quality standards
  - A prohibited discharge has occurred
- Deadline Requirements;
  - When site conditions warrant immediate attention, take all reasonable steps to minimize or prevent the discharge of pollutants until a permanent solution for the problem is installed and made operational
  - When the problem does not require a new or replacement control or significant repair the corrective action must be completed by the close of the next business day
  - When the problem requires a new or replacement control or significant repair, the corrective action must be completed no later than (7) calendar days (unless it is infeasible then justification document needed).
- Corrective Action Reporting.
  - Within 24 hours of identifying the corrective action condition, document the specific condition and the date and time it was identified.
  - Within 24 hours of the observed completion of the corrective action and in accordance with the deadlines, document the actions taken to address the condition, including the date and whether any SWPPP modifications are required.
  - Where these actions result in changes to any of the storm water controls or procedures documented in the SWPPP, you must modify your SWPPP (SWPPP map) accordingly within 7 calendar days of completing this work
  - You must keep a copy of all corrective action reports at the site or at an easily accessible location so that it can be made available at the time of an on-site inspection or upon request by DWQ. Corrective action reports may be maintained and made available in paper or electronically.