

# NEPA COMPLIANCE SURVEY

## #279

Project Information			
<b>Project Title:</b>	Water haul permit location	<b>Date:</b>	2-4-10
<b>DOE Code:</b>	6730-020-51132	<b>Contractor Code:</b>	8067-757
<b>Project Lead:</b>	Mark Duletsky		
<p style="text-align: center;"><b>Project Overview</b></p> <ol style="list-style-type: none"> <li>1. What are the environmental impacts?</li> <li>2. What is the legal location?</li> <li>3. What is the duration of the project?</li> <li>4. What major equipment will be used if any (work over rig, drilling rig, etc.)?</li> </ol>	<p>This is a proposal to move the Water Haul line from the current location to the opposite side of the road. This action is for environmental and safety considerations. During the rainy season the area adjacent to the loading area becomes extremely muddy. The vehicles using the loading area become loaded down and cause ruts into the bank of the little teapot creek and on the graded areas. Moving the loading station to a higher position will eliminate the concerns. A pump will be used to draw water from the creek to a 400 bbl holding tank. The vehicles will have a location for maneuvering around the tank without causing damage to the environment. There will be a minor amount of surface disturbance involved in the positioning of the tank and pump, and during the burial of the water line from the creek to the tank.</p> <p>12-SX-2 area; NW 1/4, NW 1/4, Sec2, T38N, R78W, Natrona County, Wyoming, USA</p> <p>The construction will last about a week, and the truck traffic from the field will be an ongoing process.</p> <p>dozer, forklift, grader</p>		

**The table below is to be completed by the Project Lead and reviewed by the Environmental Specialist and the DOE NEPA Compliance Officer. NOTE: If Change of Scope occurs, Project Lead must submit a new NEPA Compliance Survey and contact the Technical Assurance Department.**

	Impacts Anticipated?			If YES, then complete below
	Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
<b>Water Quality</b>				
<b>Does the proposed project present potential for impacts on water resources or water quality?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The new tank location will be bermed with impermeable soils to hold 1.5X the total volume of the tank capacities. The fluid in the tank and transported through the piping will be native surface water from Little teapot Creek.
<b>Does the project affect surface water quantity or quality under both normal operations and accident conditions?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No, As above, the transport material will be native surface water.
<b>Does the proposed project affect groundwater quantity or quality under both normal operations and accident conditions?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Will the project area include "Waters of the State?"</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A petition to the State is required before construction for the new location is approved. This action will not change form fit or function for water hauling permit up to 84000 gallons per day.
<b>Will the project area require a Corps of Engineers permit?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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	Impacts Anticipated?			If YES, then complete below.
	Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
<b>Geology &amp; Soils</b>				
<b>Does the proposed project present potential for impacts related to geology or soils?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There will be some minor surface disturbance of the soil during the placement of the tank and the burial of the water line. Best Management Practices will be followed to prevent erosion.
<b>Does the proposed project alter, excavate or otherwise disturb land area consistent with other land use and habitat area?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Is the proposed project likely to impact local seismicity?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>If the project involved disturbance of surface soils, are erosion and storm water control measures addressed?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The location is above the flood plain and will be located as to minimize erosion to the berm and surficial soils.
<b>Air Quality</b>				
<b>Does the proposed action present potential for impacts on ambient air quality under both normal and accident conditions?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Are potential emissions (gases and/or airborne particulates including dust) outside of the normal scope for oil field operations?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Does the project present risk to human health and the environment from exposure to radiation and hazardous chemicals in emissions?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Is the project subject to New Source Performance Standards?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Is the project subject to National Emissions Standards for Hazardous Air Pollutants?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Is the project subject to emissions limitations in an Air Quality Control Region?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

# NEPA COMPLIANCE SURVEY

	Impacts Anticipated?			If YES, then complete below.
	Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
<b>Wildlife and Habitat</b>				
<b>Does the proposed action present potential for impacts on wildlife or habitat?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Continued use of the current loading area could cause damage down stream
<b>Does the project impact state or federally listed threatened and endangered species?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Human Health Effects</b>				
<b>Does the proposed project present potential for effects on human health?</b> <b>e.g.: Hanta virus, radiological exposure, or chemical exposure (must provide MSDS)</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Minimal. There will be a microbial nutrient added to the discharge tank for the injection water. A MSDS sheet will be obtained, and precautions discussed with all potentially affected parties. The 400 UR will be used for cementing water, etc.
<b>Transportation</b>				
<b>Does the proposed project involve transportation of radiological sources or hazardous materials (including explosives)?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Waste Management and Waste Minimization</b>				
<b>Are pollution prevention and waste minimization practices needed in the proposed project?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Any materials used during construction will be segregated and disposed of properly,
<b>Does project plan establish procedures in compliance with local, state and/or federal laws and guidelines affecting the generation, transportation, treatment, storage or disposal of hazardous and other wastes?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A JSA will be preformed daily before work begins. SOPs will be reviewed for compliance to State and local regulations.

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		Impacts Anticipated?			If YES, then complete below.
Cultural Impact		Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
Is there potential for impact on cultural (historic) resources?		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This area was reviewed by an archeologist in 2008 with no impact.
Community Impact		Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
Will the proposed project introduce significantly adverse auditory, visual, or other impact?		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Will the proposed project adversely affect the community's use of public shire land/resources?		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Will the proposed project adversely affect the community's access to private land?		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>NOTE: Topography Map and Wetlands Map are required to be attached. Attach applicable SOPs for Risk Assessment Level 2 &amp; 3 and specific test procedures.</b>					
Are permits required? If YES, list below:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
State Engineers petition to move the loading line to the new location					
Trenching					
<b>Section below to be reviewed by Environmental Specialist and DOE NCO.</b>					
Adequate Mitigation Measures Provided?			Adequate Mitigation Measures Provided?		
	Yes	No		Yes	No
Water Quality Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Transportation Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air Quality Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Management Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>
"Wildlife and Habitat Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cultural Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Geology and Soils Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Community Impact	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Human Health Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Categorical Exclusion</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Approvals</b>					
Comments and Conditions:	<p>B1.6 Installation or modification of retention tanks or small (normally under one acre) basins and associated piping and pumps for existing operations to control runoff or spills (such as fewer than 40 CFR parts 112).</p> <p>B1.3 Routine maintenance activities and custodial services for buildings, structures, rights-of-way, infrastructures (e.g., pathways, roads, and railroads), vehicles and equipment, and localized vegetation and pest control, during which operations may be suspended and resumed. Custodial services are activities to preserve facility appearance, working conditions, and sanitation, such as cleaning, window washing, lawn mowing, trash collection, painting, and snow removal. Routine maintenance activities, corrective (that is, repair), preventive, and predictive, are required to maintain and preserve buildings, structures, infrastructures, and equipment in a condition suitable for a facility to be used for its designated purpose. Routine maintenance may result in replacement to the extent that replacement is in kind and is not a trina substantial upgrade or improvement. In kind replacement includes installation of new components to replace outmoded components if the replacement does not result in a significant change in the expected useful life, design capacity, or function of the facility. Routine maintenance does not include replacement of a major component that significantly extends the originally intended useful life of a facility (for example, it does not include the replacement of a reactor vessel near the end of its useful life). Routine maintenance activities include, but are not limited to:</p> <ul style="list-style-type: none"> <li>(a) Repair of facility equipment, such as lathes, mills, pumps, and presses;</li> <li>(e) Plumbing, electrical utility, and telephone service repair;</li> <li>(h) Repair of road embankments;</li> <li>(k) Erosion control and soil stabilization measures (such as reseeding and revegetation);</li> </ul>				
Contractor ESS&H	Teri North			Date: 2-9-2010	
Comments and Conditions:	Based on my review of information conveyed to me and in my possession (or attached) concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1A), I have determined that the proposed action fits within the specified class of actions, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.				

# NEPA COMPLIANCE SURVEY

DOE NEPA Compliance Officer		Date 2-11-10
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# Water Transfer Station Relocation - 34142



**Legend**

- Glori Oil - Microbial EOR Wells
- NPR-3 Wells

<b>Water Transfer Station Relocation - 34142</b>			
Author: J Buell	Project Manager: M Duletsky		
GIS-File: 6730_020_51132-2	Date: 02/04/2010	Rev Date:	
WV State Plane / East Central Zone / NAD83		Scale = 1:500	

0 62.5 125 250 Feet

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