

# DEPARTMENT OF ENVIRONMENTAL QUALITY



MARC RACICOT, GOVERNOR

## STATE OF MONTANA

(406) 444-2544

PO BOX 200901  
HELENA, MONTANA 59620-0901

October 6, 1998

To Whom It May Concern:

The Montana Department of Environmental Quality (DEQ) has prepared the following Environmental Assessment as required by law in ARM 16.2.626(2) and ARM 16.2.628(2). This project involves removing all underground piping and tanks, and installing three single-wall STIP3 underground fuel tanks with single-wall fiberglass piping at Highway 87 By Pass in Lewistown. MT.

The DEQ prepares Environmental Assessments to inform interested government agencies, public groups, or individuals of a proposed action and to determine whether or not the action may have a significant effect on the human or natural environment. This Environmental Assessment will be circulated for seven (7) days. After the seven-day comment period, DEQ will decide what action to take regarding this permit.

If you care to comment on this proposed action, please write or call the Remediation Division by October 10, 1998. Our telephone number is 406-444-1420 and our mailing address is P.O. Box 200901, Helena, MT, 59620-0901.

Sincerely,

A handwritten signature in cursive script that reads "Jeff Tobin".

Jeff Tobin  
Environmental Engineer Specialist

cc: Environmental Assessment

**RECEIVED**

**OCT 08 1998**

**ENVIRONMENTAL  
QUALITY COUNCIL**

O/O NAME: Reese Tire and Fuel	FACILITY NO: 14-03118
PERMIT NO: 99-0196	DATE OF APPLICATION: 9/10/98
PERSON PREPARING EA: Jeff Tobin, Env. Eng. Spec.	COUNTY: Fergus
LOCATION: Highway 87 By Pass	Lewistown, MT
FACILITY NAME: Reese Tire and Fuel	EA COMPLETED: 10/5/98
DESCRIPTION OF PROPOSED ACTION: Remove all underground piping and underground tanks, and install three single-wall STIP3 underground fuel tanks with single-wall fiberglass product and vent piping.	
DESCRIPTION OF THE BENEFITS AND PURPOSE OF THE PROPOSED ACTION: Upgrade to 1998 requirements.	

- A: Significant Unavoidable Impacts
- B: Insignificant as a result of conditioned mitigation
- C: Insignificant as proposed

	POTENTIAL IMPACTS					
	A	B	C	LONG TERM	SHORT TERM	AMPLIFICATION
<b>PHYSICAL ENVIRONMENT</b>						
1. <u>TOPOGRAPHY</u> : Are there unusual geologic features? Will the surface features be changed?			x			No significant impacts. Location is currently a gasoline and convenience store in a developed area.
2. <u>GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE</u> : Are fragile, compactible or unstable soils present? Are there special reclamation considerations?			x			No significant impacts.
3. <u>WATER QUALITY, QUANTITY AND DISTRIBUTION</u> : Are important surface or groundwater resources present? Is there potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality?			x			Groundwater estimated 14' - 30' below ground. Automatic tank gauge and mechanical line leak detectors will be installed to detect tank releases and catastrophic pipe releases. Little likelihood of tank float out.

	POTENTIAL IMPACTS					
	A	B	C	LONG TERM	SHORT TERM	AMPLIFICATION
4. <u>AIR QUALITY</u> : Will pollutants or particulate be produced? Is the project influenced by air quality regulations or zones (Class I airshed)?			x			Natural air currents and vent pipes will dissipate hydrocarbon vapors to a safe level. No significant impact.
5. <u>DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY</u> : Will the project use resources that are limited in the area? Are there other activities nearby that will affect the project?			x			No significant impact.
6. <u>IMPACTS ON OTHER ENVIRONMENTAL RESOURCES</u> : Are there other studies, plans or projects on this tract?			x			None known.
7. <u>TERRESTRIAL, AVIAN, AND AQUATIC LIFE AND HABITATS</u> : Is there substantial use of the area by important wildlife, birds or fish?			x			Minimal wildlife, birds, or fish on or around this facility. No significant impact.
8. <u>VEGETATION COVER, QUANTITY AND QUALITY</u> : Will vegetative communities be permanently altered? Are any rare plants or cover types present?			x			No significant impact. Facility is and will be primarily concrete, asphalt, or compacted road mix.
9. <u>UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES</u> : Are any federally listed threatened or endangered species or identified habitat present? Any wetlands? Any species of special concern?			x			None known. No significant impact.

	POTENTIAL IMPACTS					
	A	B	C	LONG TERM	SHORT TERM	AMPLIFICATION
10. <u>HISTORICAL AND ARCHEOLOGICAL SITE</u> : Are any historical, archeological or paleontological resources present?			x			None known. No significant impact.
11. <u>AESTHETICS</u> : Is the project on a prominent topographical feature? Will it be visible from populated or scenic areas? Will there be excessive noise, light or odors?			x			Business will be visible from the roadway and adjoining properties. Noise, light, and odors will be typical for a medium sized convenience store with fuel sales.
12. <u>AGRICULTURE</u> : Will grazing lands, irrigation waters or crop production be affected?			x			No significant impact. Area is currently developed.
<b>HUMAN ENVIRONMENT</b>						
1. <u>SOCIAL STRUCTURES AND MORES</u> : Is some disruption of native or traditional lifestyles or communities possible?			x			None known. No significant impact.
2. <u>CULTURAL UNIQUENESS AND DIVERSITY</u> : Will the action cause a shift in some unique quality of the area?			x			None expected. No significant impact.
3. <u>DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING</u> : Will the project add to the population and require additional housing?			x			None expected. No significant impact.
4. <u>HUMAN HEALTH &amp; SAFETY</u> : Will this project add to health and safety risks in the area?			x			Natural air currents and tank vents should dissipate the hydrocarbon vapors to a safe level. Leak detection equipment should detect releases before serious health or safety problems occur.

	POTENTIAL IMPACTS					
	A	B	C	LONG TERM	SHORT TERM	AMPLIFICATION
5. <u>COMMUNITY &amp; PERSONAL INCOME</u> : Will the facility generate or degrade income?			x			Improvement to the facility should increase volume and income.
6. <u>QUANTITY AND DISTRIBUTION OF EMPLOYMENT</u> : Will the project create, move or eliminate jobs? If so, estimate number.			x			No change from existing.
7. <u>LOCAL AND STATE TAX BASE REVENUES</u> : Will the project create or eliminate tax revenue?			x			Minimal change from existing.
8. <u>DEMAND FOR GOVERNMENT SERVICES</u> : Will substantial traffic be added to existing roads? Will other services (fire protection, police, schools, etc.) be needed?			x			Minimal change from existing. No significant impact.
9. <u>INDUSTRIAL, COMMERCIAL AND AGRICULTURAL ACTIVITIES AND PRODUCTION</u> : Will the project add to or alter these activities?			x			No significant impacts. Area is currently developed.
10. <u>ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES</u> : Are wilderness or recreational areas nearby or accessed through this tract? Is there recreational potential within the tract?			x			Recreational or wilderness areas are not accessed through this property.
11. <u>AESTHETICS</u> : Is the project on a prominent topographical feature? Will it be visible from populated or scenic areas? Will there be excessive noise, light or odors?			x			Business is visible from the roadway and adjoining properties. Noise, light, and odors will be typical for a small sized convenience store with fuel sales.

	A	B	C	POTENTIAL IMPACTS		
				LONG TERM	SHORT TERM	AMPLIFICATION
12. <u>LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS:</u> Are there state, county, city, USFS, BLM, tribal, etc., zoning or management plans in effect?			x			Local agencies have not expressed any concern over this project.
13. <u>TRANSPORTATION:</u> Will the project affect local transportation networks and traffic flows?			x			No significant impact.

PUBLIC INVOLVEMENT: The only public involvement I am aware of is this environmental assessment

ALTERNATIVES CONSIDERED: discontinue fuel sales. Double-wall tanks and piping provide better environmental protection; however, double-wall also costs more.

COMPLIANCE STATUS: This project, as permitted, will be in compliance with the UST regulations. The facility must, however, be operated and maintained in accordance with the UST rules and regulations.

RECOMMENDATIONS CONCERNING PREPARATION OF AN EIS: Not necessary at this level of disturbance.

OTHER GROUPS OR AGENCIES CONTACTED OR WHICH MAY HAVE OVERLAPPING JURISDICTION: Fire Prevention and Investigation Bureau regulates above ground components.

INDIVIDUALS OR GROUPS CONTRIBUTING TO THIS EA: The tank contractor, personal knowledge of the area, local zoning officials, and the facility owner.

cc: Director  
 Division Administrator  
 Governor's Office  
 Legislative Environment  
 [REDACTED]  
 [REDACTED] DEQ + DFWP