



CATEGORICAL EXCLUSION CHECKLIST

31-Jan-25

Underground Storage Tank Section  
Waste Management & Remediation Division  
Montana Department of Environmental Quality

Categorical Exclusion by Programmatic Questions	Categorical Exclusion by Programmatic Answers
Project Title: Maverik Fuel Station - Belgrade	
Project Location: 601 E Frank Road Belgrade, MT 59714	WEST POST SUB PH 1, S12, T01 S, R04 E, BLOCK 1, Lot 9A, ACRES 3.86, PLAT J-719A - CITY OF BELGRADE, GALLATIN COUNTY, MONTANA
Project Description: Please provide a brief description of your project, including details on specific activities that would occur under the project and its related processes. See descriptions and examples listed in the CATExs above and provide a full list of the activities included in the project.	New underground storage tank (UST) facility with convenience store. Includes four (4) regulated UST systems and one (1) non-regulated DEF product tank system. Tank Compartments and Products: 1 - 25,000-gallon Unleaded Gasoline, 2 - 25,000-gallon Diesel, 3- 8,000-gallon Clear Diesel, 4- 9,000-gallon Premium Gasoline, 5- 8,000-gallon non-regulated Diesel Exhaust Fluid (DEF).
Attachments: Please check the applicable boxes below and include the documentation as attachments to this checklist	<input checked="" type="checkbox"/> Site map of proposed project location (including property boundaries)
	<input type="checkbox"/> Interior/Exterior photos of current structure
	<input checked="" type="checkbox"/> Current and/or proposed floor plans of existing structure (if applicable)
	<input type="checkbox"/> Exterior renderings (if your proposed project involves any exterior improvements, e.g., porch repair, ramp installation)
	<input type="checkbox"/> Other :
	Additional Information:
Construction timelines	
Construction will take between 1 days and 6 weeks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No-Flag
Construction will occur between 6:00 am and 9:00 p.m.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No-Flag
	Additional Information: Installer is Patrick Alamillo of Granite Petroleum (IR-2010-102). Proposed construction timeline is approximately 13 weeks. Construction activities are proposed between 7:00am - 5:30pm
Tank and trench dimensions	
Tank basin dimensions are approximately 60’x38’x8’ to 70’x70’x15’	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No-Flag
Piping trenches are approximately 100 – 500’	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No-Flag
Electrical trenches are approximately 100 – 500’	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No-Flag
The estimated construction is approximately 2 acres of disturbance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No-Flag
	Additional Information: Unleaded total piping run to be: 233 feet. Premium total piping run to be 214 feet. Diesel total piping run to be 330 feet. Clear Diesel total piping run to be 226 feet. Non-regulated DEF total piping run to be 361 feet.
Construction Equipment	
Does the equipment fall withing the general following types of equipment: Excavators, gravel shooter, backhoe, skid steer, dump trucks, crane to set, passenger service truck, concrete trucks, semi-trucks and trailers and other heavy earth moving equipment.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No-Flag
	Additional Information:
Personnel onsite	
Approximately 1-10 equipment operators and laborers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No-Flag
Will the facility have trained class A, B and C operators when a conditional operating permit is requested?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No-Flag
	Additional Information:
Tanks	

Are the tanks and piping non-corroding and secondarily contained?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Does the system include continuous leak detection systems, including tank interstitial monitoring sensors and piping leak detection?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Do leak detection systems meet leak rate detection standards of a 95% probability of detection with a maximum of 5% probability of a false alarm?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Is shut down enabled if a leak as small as 0.2 gallons per hour is detected?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Are overfill prevention valves planned?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Are secondary containment sumps planned?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
	<b>Additional Information:</b>
<b>Solid waste and Hazardous substances</b>	
Will waste cannisters be provided during the UST system installation and operation to collect miscellaneous solid wastes?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Will hazardous substances be kept in original containers and fuel onsite kept to a minimum?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Will the UST installer perform daily inspections on equipment?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Will contractors be trained in hazardous substance containment and cleanup.	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Will spill kits and absorbent pads be available on the construction site.	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
	<b>Additional Information:</b>
<b>Cumulative Impact Considerations</b>	
Have any past actions <a href="#">(ranging from commercial/industrial use to remediation activities)</a> occurred on or within 1,000 feet of the proposed tanks/piping?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes- Attach a facility specific attachment describing the present actions and any requirements this would trigger</div>
Are any present actions occurring on or within 1,000 feet of the proposed tanks/piping?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes- Attach a facility specific attachment describing the present actions and any requirements this would trigger</div>
Are any future actions occurring on or within 1,000 feet of the proposed tanks/piping?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes- Attach a facility specific attachment describing the present actions and any requirements this would trigger</div>
	<b>Additional Information:</b>
<b>Geology and Soil</b>	
Is a map of the area where the tanks are proposed to be installed included with the application?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Is a soil series map and a description of soil series characteristics included with the application?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Does the prospective site contain fragile, erosive, compaction susceptible, or unstable soils.	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes- Attach a facility specific attachment</div>
Are there any known special reclamation considerations at the site?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes- Attach a facility specific attachment</div>
	<b>Additional Information:</b> A geotechnical engineering study conducted in 2023 states that the site previously was a cultivated field. Site grades are relatively flat. Boreholes found topsoil and/or loose surface soil to a depth of approximately 6 to 18 inches then silty-clayey gravel and poorly graded gravel with clay with varying amounts of sand and cobbles extending to 19.5 feet below ground surface where auger refusal occurred. Groundwater was not encountered.
<b>Water Quality, quantity, and distribution</b>	
Is approximate depth to groundwater given?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Is groundwater flow direction indicated?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>

Is the location and number of wells and surface water features within 1,000 feet provided?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Are there any drinking water wells or surface water intakes within 1000 feet of the tank or piping?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes- Review the site-specific attachments describing the risk and long-term protection of human health and safety</div>
Are any domestic or public drinking water wells or surface water intakes within 100 feet of the tank or piping?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes-Flag</div>
Will water used for containment sump testing follow applicable regulations?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Are Best Management practices planned to keep any sediment, waste, from entering waterways.	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
General Permit for Storm Water Discharges associated with construction activity.	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
	<b>Additional Information:</b> Groundwater is 47-48 feet approximately. Regional groundwater flow direction in the Belgrade area is south to north according to the Source Water Delineation and Assessment Report prepared by the Source Water Protection Program at DEQ (December 27, 2011). 2 wells identified within 1000 feet, both abandoned. Surface water - Spain Ferris Ditch_ Stormwater GP Number: MTR111058.
Air Quality	
Is a minimal excavation for the work to be done planned?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Is there a dust suppression plan?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Is Stage 1 vapor recovery to be installed on all gasoline UST systems?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Is a map of class 1 airsheds in reference to the proposed site included in the application?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
	<b>Additional Information:</b> The nearest Class I Airshed under the Clean Air Act is approximately 45 miles to the south of the proposed facility - Yellowstone National Park.
Vegetation Cover, Quantity, and Quality	
Did the applicant identified plant species of concern within 1000 feet of the proposed site.	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No-Flag</div>
Were any plant species of concern identified at the prospective project site?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes-Flag</div>
Were any rare plants or cover types identified at the proposed site?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes-Flag</div>
Are any vegetative communities predicted to be significantly impacted at the proposed site.	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes-Flag</div>
	<b>Additional Information:</b> Annual Muhly (Muhlenbergia minutissima) and Small Dropseed (Sporobolus neglectus) have been observed in the greater vicinity of the proposed site.
Terrestrial, Avian and Aquatic Life and Habitats	
Are there any Montana Natural Heritage Program (MTHP) and Montana Department of Fish, Wildlife, and Parks (MFWP) species of concern identified within 1000 feet of the project site?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes-Flag</div>
Are there any United States Fish and Wildlife Service (USFWS) federally endangered species identified within 1000 feet of the project site?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes-Flag</div>
Is the site within a core, general, connectivity habitat, or BLM Sage Grouse Habitat Conservation priority areas?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes- Is the approve plan provided with the application?</div>
	<b>Additional Information:</b> Grizzly Bear (Ursus arctos) and Great Blue Heron (Ardea herodias) as well as Bald Eagle (Haliaeetus leucocephalus) have been observed in the greater vicinity of the proposed site. The invertebrate, Suckley's Cuckoo Bumble Bee (Bombus suckleyi) have also been observed.
History, Culture and Archeological Uniqueness	
Is the State Historic Preservation Office (SHPO) archeological search included with the application?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No- Flag as Deficient</div>
Do any structures over 50 years old within the area of potential effect have an eligibility determination?	<div><input checked="" type="checkbox"/> Yes- Flag, Add SHPO Letter</div> <div><input type="checkbox"/> No</div>
	<b>Additional Information:</b> Letter from SHPO attachment states Historic Railroad NR Status is Eligible.
Human Health and Safety	
Is a map included with the application that shows all buildings within 500 feet of the proposed tanks and piping?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No- Flag as Deficient</div>

Have preferential pathways, soil type and groundwater flow direction and depth to groundwater been examined to determine risk for VI in worst case scenario of a large release?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No- Flag as Deficient</div>
	<b>Additional Information:</b> The proposed convenience store will be the only building within 500-feet of the proposed UST facility. Groundwater flow direction is south to north at a depth of approximately 47-48 feet. Soil is well-drained with a typical profile of cobbly loam (0-7 inches), very cobbly clay loam (7-20 inches), extremely cobbly course sandy loam (20-24 inches), extremely cobbly loamy course sand (24-60 inches).
Socioeconomics	
Is the proposed project on private land?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No- Flag</div>
Are there any proposed impacts on land use?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes-Flag</div>
Local permits and approvals?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes-Flag</div>
Are there any public access recreation areas bordering or accessed through the proposed site?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes-Flag</div>
Is installation of the UST system expected to affect the population or require additional housing or disrupt native or traditional communities?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes-Flag</div>
Are any additional government services expected during installation work?	<div><input checked="" type="checkbox"/> No</div> <div><input type="checkbox"/> Yes-Flag</div>
	<b>Additional Information:</b> Tax revenue and job creation are expected as a result of the proposed project.
Private Property Impacts	
Has DEQ determined that the permit conditions are reasonably necessary to ensure compliance with applicable requirements under the Montana Underground Storage Tank Act, which would minimize risk of petroleum impacts on neighboring properties?	<div><input checked="" type="checkbox"/> Yes</div> <div><input type="checkbox"/> No- Flag as Deficient</div>
	<b>Additional Information:</b>
Greenhouse Gas Assessment	
Is the tank installation event smaller than 6 tanks and 12 dispensers?	<div><input type="checkbox"/> Yes</div> <div><input checked="" type="checkbox"/> No- Attach a site specific GHG Analysis supplement</div>
	<b>Additional Information:</b> Two 25,000 gallon Xerxes fiberglass double-walled tanks, One 3-compartment (8,000-gallon, 9,000-gallon, 8,000-gallon) Xerxes fiberglass double-walled tank and 16 total fueling dispensers. Note: 8 K Diesel Exhaust Fluid (DEF) UST is non-regulated while the tank contains DEF product.
Categorical Exclusion Prepared By:	Kitrina Persson, Environmental Science Specialist
Categorical Exclusion Reviewed By:	Seth Hendrix, UST Section Supervisor
Categorical Exclusion Approved By:	Seth Hendrix, UST Section Supervisor