

# SEPA ENVIRONMENTAL CHECKLIST

## ***Purpose of checklist:***

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

## ***Instructions for applicants:***

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

## ***Instructions for Lead Agencies:***

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

## ***Use of checklist for nonproject proposals:***

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

## **A. Background**

1. Name of proposed project, if applicable: [Sadie Creek Bridges and Trails 2024](#)
2. Name of applicant: [Washington State Department of Natural Resources](#)

3. Address and phone number of applicant and contact person:

Justin Zarzeczny  
411 Tillicum Lane  
Forks, WA 98331  
(360)489-4986

4. Date checklist prepared: 01/09/2024

5. Agency requesting checklist: Washington State Department of Natural Resources

6. Proposed timing or schedule (including phasing, if applicable):

It is anticipated that the trail and bridge construction will take place over a period of several years. The timing of development is dependent upon funding, timber harvest activities, length of the construction field-work season, fish windows and public/volunteer labor support. The majority of recreation development work in this proposal is expected to occur over the spring, summer, and fall months of each field season over the next two to four years. Winter recreation development will be dependent on field conditions and permit stipulations.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

Potentially. In the future we would like to have all trails within our designated trail systems separate from DNR managed forest roads and other bridges within the Sadie Creek trail system will be replaced.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Final Habitat Conservation Plan (September 1997), Spotted Owl Habitat Mapping, WAU Map for Rain-On-Snow areas, Policy for Sustainable Forests (PSF 2006), HCP Checklist. The following documents are all generated by Department GIS databases: Marbled Murrelet Habitat Model, and Marbled Murrelet Adjacency Map, Weighted Old Growth Habitat Index (WOGHI) and NSO Best-70 Map.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

None known.

10. List any government approvals or permits that will be needed for your proposal, if known.

Department of Archeology & Historic Preservation concurrence 21-02 (ground disturbance)  
WDFW Hydraulic Permit (bridge)

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

This project will add 5.2 miles of motorized trails (60" wide tread) and replace two bridges (40' and 50' length) at the Sadie Creek multi-use trail system.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or

boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Parts of Sections 31 and 32 - T31NR09W and parts of Sections 9 and 33 - T30NR09W in the Sadie Creek block of State Trust Lands in Clallam County, Washington and roughly 20 miles west of Port Angeles.

Bridge A (40 ft length) = 48.132028, -123.906067

Bridge B (50 ft length) = 48.123308, -123.896739

## **B. ENVIRONMENTAL ELEMENTS**

### **1. Earth**

#### **a. General description of the site:**

(circle one): Flat, rolling, **hilly**, steep slopes, mountainous, other \_\_\_\_\_

#### **b. What is the steepest slope on the site (approximate percent slope)?**

65%, However our trails will be constructed to be no more than 12%, except for possible short sections (under 10ft) that provide grade reversals for drainage, berms on climbing turns or other features that provide an enjoyable riding experience while protecting the environment.

#### **c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.**

7109 – Sadie gravelly loam 0-35%, stable

8047 – V. Gravelly Sandy Loam

5260 – V. Gravelly Loamy Sand

#### **d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.**

None in the project areas.

#### **e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.**

A mini excavator will be used to develop the trail corridor as well as to excavate, grade or fill to ensure that the tread surface is compact and durable. Areas will be filled if they require hardening as a means to mitigate erosion or runoff. Areas will also be excavated if they require transitions or modifications to increase safety and minimize negative environmental impacts. All imported rock will be sourced from a county certified weed free quarry. Linear miles of new trail will be 5.2 miles with a 5ft. wide tread.

The purpose of the bridge installations is to replace aging bridges that are preserved with creosote. Bridge A will be 40 ft. long x 6 ft. wide and bridge B will be 50 ft. long x 6 ft. wide. Surface excavation, grading and fill will be required for trail bridge abutments and approaches in order to create a level surface and stable footings. The new bridges will be installed within the footprint of previous bridges. We will store any excavated material away from the stream channel and install silt fence and take other precautions

to ensure that there is no sediment delivery to the stream channel. The removal of the old bridges will adhere to Hydraulic Permit requirements: minimize contact with streambed, ensure no creosote wood contamination to the environment, perform work only during fish window and dispose of creosote materials properly.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.  
Yes, small amounts of site specific erosion may occur as a result of construction and use. During construction ground disturbing activities will occur which will expose bare soil. During use, motorized recreation vehicles will utilize the trail which may also result in local soil disturbance.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

Zero

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

We will utilize trail construction techniques and design that minimize erosion while providing a safe and fun experience for the user. The trail tread surface will be comprised of compacted mineral soils and imported crushed quarry rock. Bridge approaches will be comprised of native mineral soils and paver blocks to minimize the introduction of angular rock into the aquatic environment. All trails will have a gentle outslope and cross drains as needed to reduce surface water velocity during rain events. Our carefully selected trail routes avoid surface waters as much as possible, maintain steady grades, and minimize tree removal and canopy disturbance. Bridge A is a 40ft long new bridge replacing a 30ft existing bridge and bridge B is a 50ft new bridge replacing a 30ft existing bridge. By increasing the bridge spans we will be able to install bridge sills and approaches further away from the current stream channels.

## 2. Air

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Insignificant amounts of engine exhaust from light and heavy equipment operations along with dust from passage of rock trucks.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

None.

## 3. Water

- a. Surface Water:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Yes. An unnamed tributary to Sadie creek (Bridge B) and main stem Sadie Creek (Bridge A).

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Yes. We will be removing existing wooden creosote bridges and installing new bridges that are made of fiberglass reinforced polymer and wood (no creosote).

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None anticipated.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No

b. Ground Water:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

No

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Some surface runoff may occur from the trail surface and will be diverted by waterbars at regular intervals. Water leaving the trail will flow through sediment traps, eventually be

released into a vegetated buffer and potentially flow into other waters after percolating through the forest floor. The bridge will be situated above trail grade and the approaches will have grade reversals that shed water away from the stream channel and bridge crossing.

2) Could waste materials enter ground or surface waters? If so, generally describe.

It is not anticipated that this project will result in waste material entering ground or surface waters. Minimal impacts may result from accidental discharges entering surface water as a result of construction activities and there is potential for small incidental discharges of motor fluids which may result from construction equipment. The DNR will require the use of spill kits when necessary to help minimize environmental impacts. During bridge construction we will utilize silt fences and coir logs, work during low flow / dry periods (fish window), and situate excavated material in locations away from surface waters (vegetated buffer with traps). All excavated materials for bridge retaining wall construction will be utilized as backfill.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

Trail routes will be designed to manage runoff on site and to minimize the impact of runoff and altered drainage patterns to adjacent areas. The natural terrain's side slope drainage will be retained by outsloping trail tread and incorporating frequent trail grade reversals to increase water sheet flow directly across the trails and into vegetated areas for absorption.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

Proposed measures will involve stabilizing any exposed bare soils with weed free straw, re-vegetation with native plants, and/or layering of forest floor woody debris as needed. Trails will be rock surfaced and hardened in appropriate locations to prevent erosion.

#### 4. Plants

a. Check the types of vegetation found on the site:

- deciduous tree: alder, maple, aspen, other
- evergreen tree: fir, cedar, pine, other
- shrubs
- grass
- pasture
- crop or grain
- Orchards, vineyards or other permanent crops.
- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation

- b. What kind and amount of vegetation will be removed or altered?  
 Some trail development will occur in locations impacted by recent timber harvests, so minimal vegetation will be removed. In areas not impacted by timber harvests, trail development will require removal of small forest understory vegetation to expose mineral soil for shaping and construction of trail tread. Occasionally understory plantation trees and shrubs will be removed to establish a six feet wide trail corridor.
  
- c. List threatened and endangered species known to be on or near the site.  
 Marbled murrelet habitat exists near some of the proposed trail routes.
  
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:  
 Project sites are very productive because of soils and rainfall. We will manage invasive species to promote the establishment of native species.
  
- e. List all noxious weeds and invasive species known to be on or near the site.  
 Scotch Broom (*Cytisus scoparius*), Tansy Ragwort (*Senecio jacobea*).

**5. Animals**

- a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Examples include:

birds: hawk, heron, eagle, songbirds, other:  
 mammals: deer, bear, elk, beaver, other: coyote and mice  
 fish: bass, salmon, trout, herring, shellfish, other \_\_\_\_\_

- b. List any threatened and endangered species known to be on or near the site.  
 Marbled Murrelet (MM) habitat has been identified in the vicinity but not in the project location. The proposal does not occur within MM special habitat areas, occupied sites, or occupied site buffers. In guidance with our habitat conservation plan, no special protections are needed.  
 Salmon spawn and native trout species reside in Sadie creek at the Bridge A replacement site. The Bridge B location does not have salmon but native trout exist year round.
  
- c. Is the site part of a migration route? If so, explain.  
 Bridge A, as stated above, spans the main Sadie creek channel and receives yearly salmon spawning runs. Also, this proposal is located in the Pacific flyway. Migratory waterfowl use the Pacific flyway, but the area for this proposal is not generally of the type used for resting or feeding by migratory waterfowl. Riparian areas and special habitats are protected through implementation of DNR's Habitat Conservation Plan.

d. Proposed measures to preserve or enhance wildlife, if any:

The WDFW Hydraulic Permit will give guidance to avoid impacts, if any, to wildlife during bridge removal and construction, examples include: construction timing restrictions, structure height above 100 year flood level, revegetation, erosion control and more. The bridge will be constructed of modern materials and have greater spans than the existing structures.

e. List any invasive animal species known to be on or near the site.

Invasive animal species known to inhabit areas within or near the project area include: the European starling, house sparrow, barred owl, the American bullfrog, eastern gray squirrel, cabbage white butterfly, and the gypsy moth.

## 6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

N/A

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

NO

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

None

## 7. Environmental Health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

There will be minimal health hazards associated with the use of the mini excavator. The minor spillage of fuel and lubricating oils are always present with this type of operation. DNR will require operators to use established safety standards and have spill kits available on site.

The bridges being removed are preserved with creosote. We will remove them in whole sections with cable rigging and excavators to avoid contamination from cut fragments and dust into surface waters below. If cutting is required, we will install tarps to catch and collect materials. All old bridge materials will be disposed of at the Port Angeles transfer station. We will haul it there with a covered dump trailer.

1) Describe any known or possible contamination at the site from present or past uses.

The old bridges that will be removed are made of wood preserved with creosote.

- 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.  
None known.
- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.  
Gasoline and lubricating oils will be used for mechanized equipment.
- 4) Describe special emergency services that might be required.  
DNR, private, and rural fire department fire suppression resources could be required in the event of a forest fire. Emergency medical or air ambulance response could be required for personnel injuries. Hazardous material spills could require Department of Ecology and/or county assistance.
- 5) Proposed measures to reduce or control environmental health hazards, if any:  
Department of Ecology will be notified should there be any incidental discharges due to accidental spills of fuel, lubricants, or other petroleum products. Spill kits will be onsite during use of mechanized equipment. All flammable products will be stored in approved containers and in recommended locations.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?  
None
- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.  
During trail construction activities, the use of heavy equipment will result in some background noise. After the project is complete, the trail system will continue to be utilized by motorized recreationists. All activities are expected to occur during daylight hours.
- 3) Proposed measures to reduce or control noise impacts, if any:  
Work will be confined to daylight hours, primarily on weekdays.

**8. Land and Shoreline Use**

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.  
The trust land in this forested landscape is managed for timber production by the DNR as Forest Board Trust Land, long term forestry. Adjacent property owners manage their land for private timber production.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

Currently used as working Forest Lands by the DNR. No land in the project area will be converted to other uses.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

NO

c. Describe any structures on the site.

There are two bridges, one at each site, that are each 30 ft in length. They are made of preserved wood and were installed in the early 1990s.

d. Will any structures be demolished? If so, what?

Yes. The existing bridges will be carefully removed and disposed of properly.

e. What is the current zoning classification of the site?

Commercial Forest - timberland

f. What is the current comprehensive plan designation of the site?

Commercial Forest – resource lands

g. If applicable, what is the current shoreline master program designation of the site?

N/A

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

Yes. Both bridge sites and portions of the new trail are located in areas identified by Clallam county as being critical due to geologic landslide potential.

i. Approximately how many people would reside or work in the completed project?

None

j. Approximately how many people would the completed project displace?

None

k. Proposed measures to avoid or reduce displacement impacts, if any:

N/A

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

The project is consistent with DNR's Habitat Conservation Plan and Policy for Sustainable Forests, as well as Olympic Region's Recreation Inventory and Assessment (Recreation Plan). Washington's State Comprehensive Outdoor Recreation Plan (SCORP) has identified a deficit in motorized recreation facilities and this project will help to fulfill those needs.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

The trails will be built in a manner that minimizes root disturbance, destructive runoff, and we will take measures to protect trees from damage from users by properly signing trails and addressing issues immediately. Locating facilities and trails in long-term sustainable locations, while coordinating trail development with timber harvest schedules is an ongoing DNR-management process that strives to strike a balance between limiting the timeframe of temporary trail access closures, while retaining trust revenue generating timber sale operations. There are no agricultural lands of long-term commercial significance adjacent to the project area.

## 9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

N/A

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

N/A

c. Proposed measures to reduce or control housing impacts, if any:

N/A

## 10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

N/A

b. What views in the immediate vicinity would be altered or obstructed?

N/A

b. Proposed measures to reduce or control aesthetic impacts, if any:

N/A

## 11. Light and Glare

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

None

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No

c. What existing off-site sources of light or glare may affect your proposal?

N/A

d. Proposed measures to reduce or control light and glare impacts, if any:

N/A

## 12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity?

Sadie Creek multi-use trails are immediately adjacent to the project area, this project will be part of the trail system.

b. Would the proposed project displace any existing recreational uses? If so, describe.

No, this project is intended to greatly enhance an existing recreational opportunity.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

This project will increase the amount of trails in the Sadie Creek multi-use trail system trail system. It will route segments of trail that share a DNR managed road off of the road which will be safer and more enjoyable for the recreationist. The bridge replacements will provide new bridges with larger spans that will be above the grade of the approaches at either end of each bridge.

## 13. Historic and cultural preservation

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers ? If so, specifically describe.

No.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

The project area is located entirely within second and third growth forests. There is no evidence of any of the items listed above, all of our historic map layers (including DAHP GIS layer) were checked by a DNR cultural resource technician and the Elhwa tribe was notified of the project scope and location.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

Consultation with a state archaeologist through a 21-02 review process to gain DAHP concurrence and contact via email with the Elwha tribe.

- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.  
DNR will identify and protect significant historic and archaeological sites and consult with affected Tribes as outlined by the Board of Natural Resources policy for protection of cultural resource in the 2006 Policy of Sustainable Forests (PSF). Pursuant to the Governors Executive Order 21-02, this project will go through a formal consultation process with Tribal entities and DAHP.

#### 14. Transportation

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.  
The East Twin River Rd via State Route 112 is the only public road near any of the project locations. There will be no access modifications to the existing street system.
- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?  
No, nearest stop is roughly 6 miles east on SR 112.
- c. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).  
NONE.
- d. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.  
NO
- e. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?  
NO
- f. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.  
Since this is predominantly a development project utilizing existing trail systems and recreational trailhead parking facilities, it is unclear how much of an increase in visitation would occur once the project is completed. Peak volumes would likely occur during the summer months and on the weekends. Through the use of trail counters, cameras and visitor contacts, past estimates from June through October average roughly 600 visits per month.
- g. Proposed measures to reduce or control transportation impacts, if any:  
No, DNR forestlands will continue to be managed for timber harvest revenue production for trust beneficiaries, while balancing outdoor recreation trail based opportunities for the public.

## 15. Public Services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.

There exists the potential for the need of a wildland fire response. Initial attack most likely would be from the Joyce RFD. Additional support and responsibility would be provided by DNR's wildland fire program in the rare case of a fire start in this area.

- b. Proposed measures to reduce or control direct impacts on public services, if any.

None

## 16. Utilities

- a. Circle utilities currently available at the site:

electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other \_\_\_\_\_

DNR provides outhouse facilities currently at the Sadie Creek Trailhead with no electricity or running water.

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

None.

## C. Signature

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Justin Zarzeczny

Name of signee Justin Zarzeczny

Position and Agency/Organization NAR District Manager

Date Submitted: 3/26/2024