

8/26/2021 COR-20-069

Brent Martellaro Division of Mining, Land, and Water Department of Natural Resources 3700 Airport Way Fairbanks, AK 99709-4699

Plan of Operations Minor Modification - Proposed Bypass Road over Liese Creek to Support Site Infrastructure and Increasing Load Capacities

Dear Brent Martellaro,

Northern Star (Pogo) LLC (NSR) requests a minor modification to the Plan of Operations (F20189500) to add a bypass road over Liese Creek. The bypass road will primarily support the transportation of loaded haul trucks due to the increase of load capacity and haulage capabilities. The bypass road will run nearly parallel to the existing Liese Bridge and Liese Creek will maintain unobstructed flow through 6 lengths of 20-foot corrugated steel culvert. During the initial construction phase, the east hillside of the Liese Bridge will be excavated. The excavation will widen the corner to allow for parallel transportation with the bridge and to minimize the blind right-hand corner as much as possible. The material will be used as fill when constructing the road on top of the culvert. During the second phase of the project, Liese bridge will be removed and replaced by fill to complete the widening of the road to support two-way traffic.

An application for disturbance was submitted to USACE on August 19, 2021 and is attached to this modification request.

Thank you for reviewing our proposal. If you have any questions or concerns, please contact me via email at <u>nkehoe@nsrltd.com</u> or 907-895-2760, or Jim Coxon at <u>icoxon@nsrltd.com</u>.

Sincerely,

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Jim Coxon General Manager Northern Star (Pogo) LLC

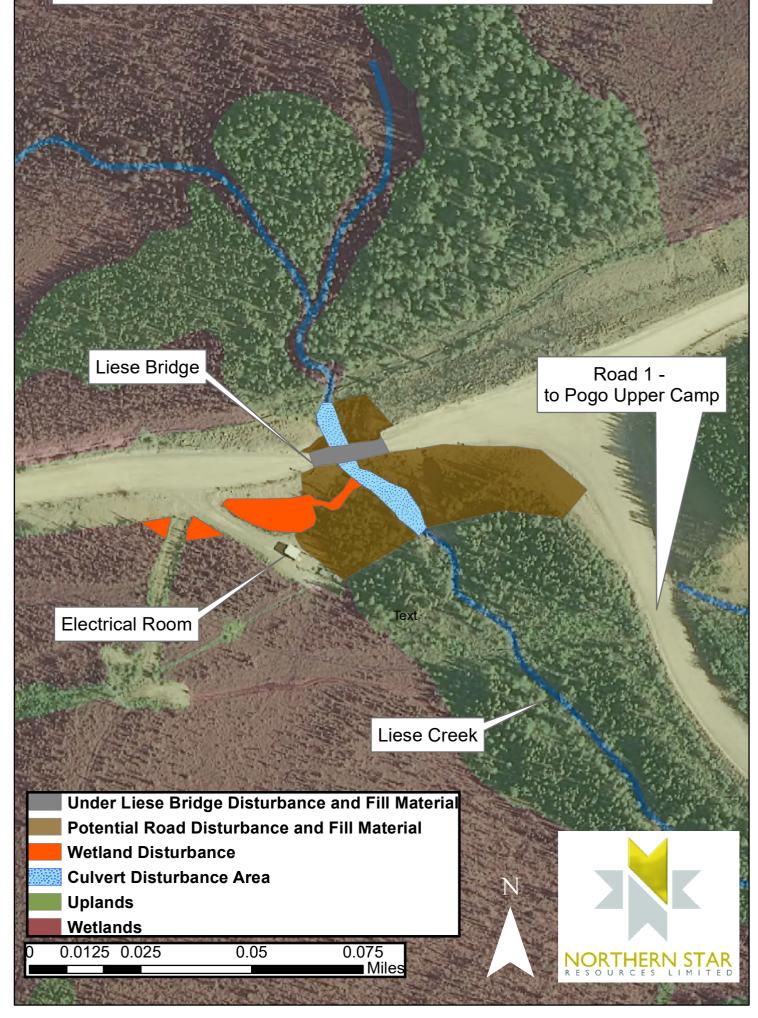
Encls: Attachment 1: Figures

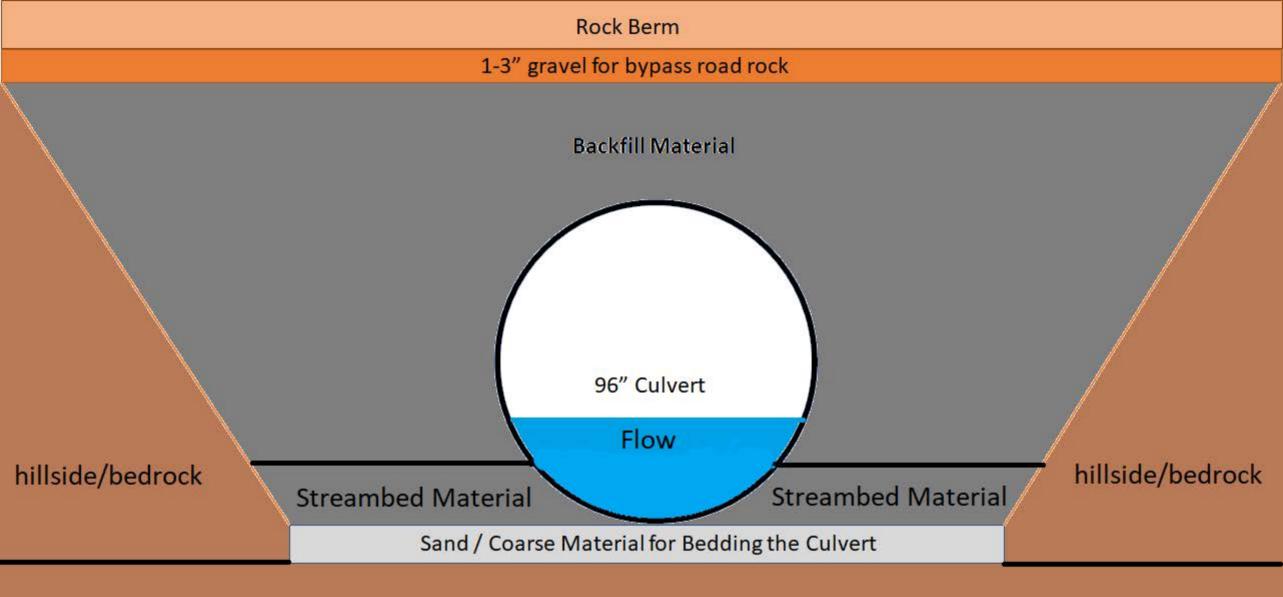
Liese Creek Culvert Project Area Map Culvert Construction Conceptual Drawing

Attachment 2: USACE Liese Creek Culvert Disturbance Permit Application

CC: William Groom (ADNR) Kate Harper (ADNR) Tim Pilon ADEC (ADNR) Jim Coxon (NSR) Pogo Environmental (NSR)

Liese Creek Bridge Bypass Road Disturbance





Bedrock / Creek Bed

	 	rmy Corps of Engineers (I	ISACE)		Form Approved		
U.S. Army Corps of Engineers (USACE) NATIONWIDE PERMIT PRE-CONSTRUCTION NOTIFICATION (PCN)					OMB No. 0710-00		
33 CFR 330. The proponent agency is CECW-CO-R.					Expires: 02-28-20	22	
		DATA REQUIRED BY TH	HE PRIVACY AG	CT OF 1974	L		
Authority	Authority Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Regulatory Program of the Corps of Engineers (Corps); Final Rule 33 CFR 320-332.						
a theorem along the second state of the second state of the	Information provided on th	is form will be used in evaluating					
Routine Uses	Routine Uses This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of the agency coordination process.						
Disclosure Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued.							
The public reporting burden for this collection of information, 0710-0003, is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at <u>whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil</u> . Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.							
	PLEASE DO NOT RETURN YOUR RESPONSE TO THE ABOVE EMAIL.						
One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the district engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.							
		(ITEMS 1 THRU 4 TO BE	E FILLED BY TH	IE CORPS)			
1. APPLICATION N	IO.	2. FIELD OFFICE CODE		3. DATE RECEIVED 4	DATE APPLICATION COMPL	_ETE	
(ITEMS BELOW TO BE FILLED BY APPLICANT)							
5. APPLICANT'S N	IAME		8. AUTHORIZ	ZED AGENT'S NAME AND	TITLE (agent is not required)		
First - Jim Middle - Last - Coxon			First - Katie Middle - Last - Schumacher				
Company - Northern Star (Pogo) LLC			Company - Northern Star (Pogo) LLC				
Company Title - General Manager			E-mail Address - kschumacher@nsrltd.com				
E-mail Address - jco	E-mail Address - jcoxon@nsrltd.com						
6. APPLICANT'S ADDRESS			9. AGENT'S ADDRESS				
Address- P.O. Box 145			Address- P.O. Box 145				
City - Delta Junction State - AK Zip - 99737 Country - USA			City - Delta Junction State - AK Zip - 99737 Country -USA				
7. APPLICANT'S PI	HONE NOs. with AREA CO	DE	10. AGENT'S	PHONE NOs. with AREA C	ODE		
a. Residence	b. Business c. Fax 907-895-2832	d. Mobile	a. Residence	b. Business 907-895-2730	c. Fax d. Mobile		
STATEMENT OF AUTHORIZATION							
11. I hereby authorize,Katie Schumacher to act in my behalf as my agent in the processing of this nationwide permit pre-construction notification							
and to furnish, upon request, supplemental information in support of this nationwide permit pre-construction notification.							
2021-08-18							
SIGNATURE OF APPLICANT DATE							
NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY							
12. PROJECT NAME or TITLE (see instructions) Liese Creek Culvert Project							
	х. С.						

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY							
13. NAME OF WATERBODY, IF KNO		14. PROPOSED ACTIVITY STREET ADDRESS (if applicable)					
Liese Creek Intermittent Stream		N/A					
15. LOCATION OF PROPOSED ACT		City: State:	Zip:				
Latitude °N 64.4603 Project Center	Longitude °W 144.9283 Project Center		<i>μ</i> .				
16. OTHER LOCATION DESCRIPTIO	3						
State Tax Parcel ID	SNS, IF KNOWN (see instructions)	Municipality					
		N/A					
Section	Township						
23	T5S	Range R14E					
17. DIRECTIONS TO THE SITE							
The Pogo Mine can be accessed from the Richardson Highway in Delta Junction Alaska via Shaw Creek Road. At the end of Shaw Creek Road there is a private gate to access the 50-mile Pogo Mine Access Road. The culvert will be installed upstream of Liese Creek Bridge, which is along Pogo Mine Road 2.							
	NWIDE PERMIT(S) YOU PROPOSE TO	USE					
Nation Wide Permit 14 - Linear J	ransportation Projects						
NSR would like to disturb 0.23 ac unobstructed through approximate bridge that provides access over I	ely 120 feet of 96-inch corrugated ste Liese Creek so the existing bridge can	structions) ad past the Liese Creek Bridge. The intermittent creek will flow eel culvert (six sections). The culvert will extend under the current in eventually be removed and replaced. The bypass road will be will apport any fish species and the project will not adversely impact w	idened				
20. DESCRIPTION OF PROPOSED N	MITIGATION MEASURES (see instructions	s)					
A culvert will be installed to control erosion and any road washout potential during rain events and spring thaw when there may be water flowing in the intermittent stream. During construction of the road, Pogo will use survey control to delineate and closely follow proposed project boundaries. Large cobbles and boulders will be used around the culvert to ensure sediment is not transported into the creek.							
21. PURPOSE OF NATIONWIDE PERMIT ACTIVITY (Describe the reason or purpose of the project, see instructions) The project proposes to create a bypass road to the Liese Creek Bridge. The current haulage needs of our operation will exceed the load capacity of the existing bridge. The new road with the culvert will be primarily for loaded haul truck travel, while the Liese Creek Bridge will remain in place for light vehicles and unloaded haul trucks. Subsequently, the Liese Creek Bridge will be removed and the bypass road will be widened to extend to where the current bridge is installed. The creek and wetland disturbance, as well as culvert, are included in this Pre- Construction Notification.							
 QUANTITY OF WETLANDS, STRI (see instructions) 	EAMS, OR OTHER TYPES OF WATERS	DIRECTLY AFFECTED BY PROPOSED NATIONWIDE PERMIT ACTIVIT	TY				
Acres	Linear Feet	Cubic Yards Dredged or Discharged					
0.23	472'	~23,000 CY					
Each PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial, intermittent, and ephemeral streams, on the project site.							
23. List any other NWP(s), regional ge	neral permit(s), or individual permit(s) use	d or intended to be used to authorize any part of the proposed project or a	iny				
related activity. (see instructions)							
N/A							
		8					
	5.						
mitigation requirement in paragraph and why compensatory mitigation s	h (c) of general condition 23 will be satisfie should not be required for the proposed ac	ands and requires pre-construction notification, explain how the compensa ed, or explain why the adverse environmental effects are no more than min tivity. tigation measures above. Impacted wetlands are adjacent to alread	nimal				

25. Is any portion of the nationwide permit activity already complete? Yes No If Yes, describe the completed work:
26. List the name(s) of any species listed as endangered or threatened under the Endangered Species Act that might be affected by the proposed NWP activity or utilize the designated critical habitat that might be affected by the proposed NWP activity. (see instructions) N/A
27. List any historic properties that have the potential to be affected by the proposed NWP activity or include a vicinity map indicating the location of the historic property or properties. (see instructions) N/A
28. For a proposed NWP activity that will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, identify the Wild and Scenic River or the "study river": N/A
 29. If the proposed NWP activity also requires permission from the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers federally authorized civil works project, have you submitted a written request for section 408 permission from the Corps district having jurisdiction over that project? Yes No If "yes", please provide the date your request was submitted to the Corps district:
30. If the terms of the NWP(s) you want to use require additional information to be included in the PCN, please include that information in this space or provide it on an additional sheet of paper marked Block 30. (see instructions) N/A
31. Pre-construction notification is hereby made for one or more nationwide permit(s) to authorize the work described in this notification. I certify that the information in this pre-construction notification is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.
SIGNATURE OF APPLICANT DATE SIGNATURE OF AGENT DATE
The pre-construction notification must be signed by the person who desires to undertake the proposed activity (applicant) and, if the statement in Block 11 has been filled out and signed, the authorized agent. 18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.