

DEQ OPENCUT MINING PROGRAM

SUPPLEMENTAL ENVIRONMENTAL ASSESSMENT

APPLICANT: Fisher Sand & Gravel Co.

COUNTY: Cascade

SITE NAME: Olson

DATE: April 2012

LOCATION: Section 23, T18 N, R1 W

APPROVED PERMIT #: 1255

Type and Purpose of Action: Operator has applied for an amendment to add 32.0 acres to their 37.7-acre permit for the purpose of expanding the mine area. The total permitted area would be 69.7 acres.

Site Description: The 32.0-acre proposed amendment area is an addition directly adjacent and to the north of the existing permitted area and also would encompass a small area in the southeast corner of the permitted area. The operation will continue to mine to the north. There are no site characteristics of special concern, or nearby residences or public use areas.

Species of Concern: The Montana Natural Heritage Program (MNHP) lists the following two species of concern in the vicinity of the site:

Bald eagle (*Haliaeetus leucocephalus*) is a bird of prey found in North America that is most recognizable as the national bird and symbol of the United States of America. This sea eagle has two known sub-species and forms a species pair with the white-tailed eagle. Its range includes most of Canada and Alaska, all of the contiguous United States and northern Mexico. It is found near large bodies of open water with an abundant food supply and old-growth trees for nesting.

Square-stem Monkeyflower (*Mimulus ringens*) is a perennial plant 1-3' tall, branching frequently to create a bushy appearance. The flowers are about 1" long, and have two-lipped corollas that are usually blue-violet. They prefer full or partial sun, rich loamy soil, and wet conditions. Habitats include floodplain forests, swamps, seeps, muddy borders of small streams or ponds, drainage ditches, and wet meadows.

Impacts: None of the listed species have been found on this site. Even if suitable habitat did exist on this site, the disturbance area would be small and large areas of similar or identical habitat surrounds the site. The possible impact to these species would be minimal.

Historical and Archeological Sites: The Montana State Historic Preservation Office (SHPO) was notified of the application. It reported that no sites have been discovered previously on this property. However, there have been a few previously conducted cultural resource inventories done in the area. A pedestrian survey of the area by DEQ personnel did not reveal any artifacts or signs of occupation. No signs were evident at depth in the previously disturbed area. SHPO does not feel that a cultural resource inventory is warranted at this site at this time.

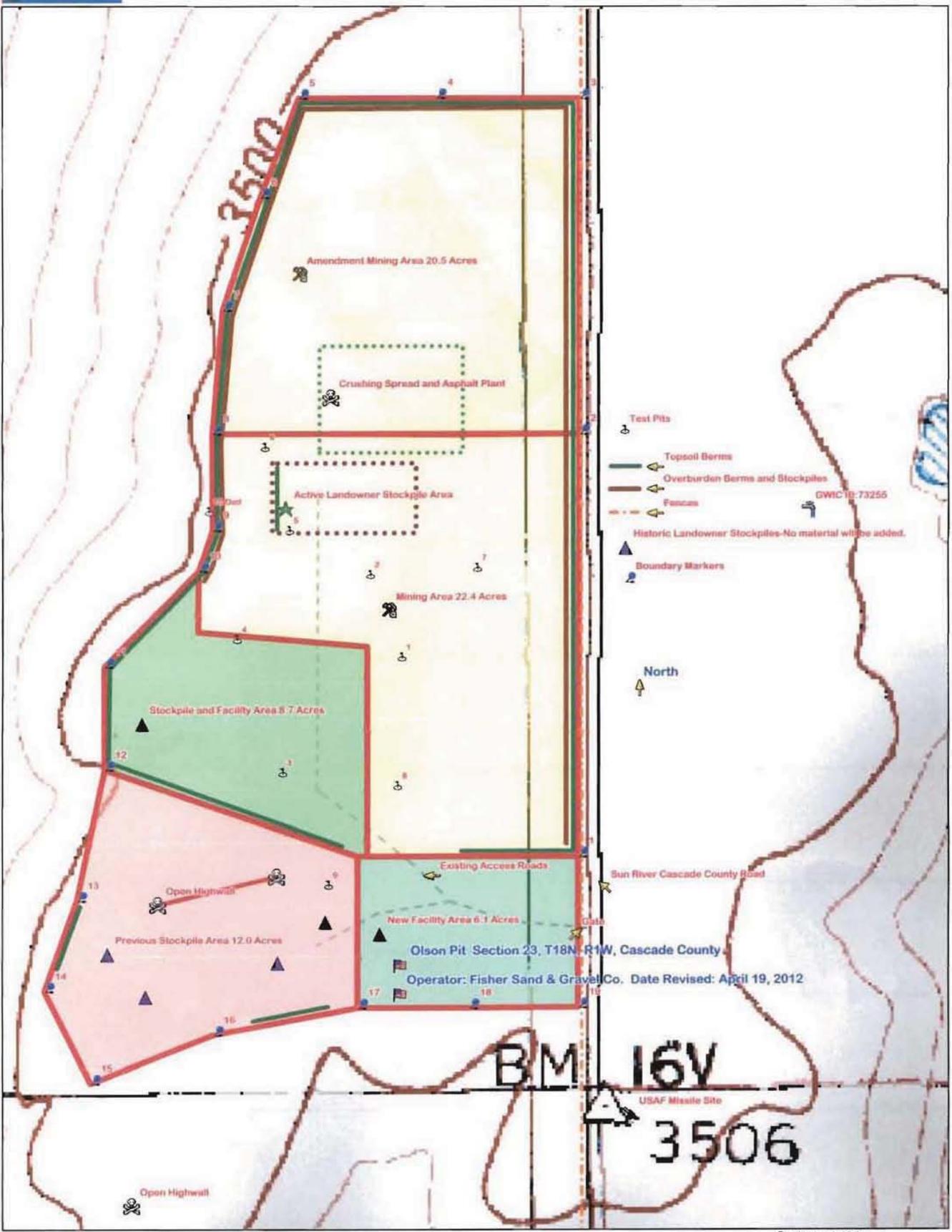
PRIVATE PROPERTY ASSESSMENT ACT (PPAA) CHECKLIST

DOES THE PROPOSED AGENCY ACTION HAVE TAKINGS IMPLICATIONS UNDER THE PPAA?

YES	NO	
X		1. Does the action pertain to land or water management or environmental regulation affecting private real property or water rights?
	X	2. Does the action result in either a permanent or indefinite physical occupation of private property?
	X	3. Does the action deprive the owner of all economically viable uses of the property?
	X	4. Does the action deny a fundamental attribute of ownership?
	X	5. Does the action require a property owner to dedicate a portion of property or to grant an easement? (If answer is NO, skip questions 5a and 5b and continue with question 6.)
		5a. Is there a reasonable, specific connection between the government requirement and legitimate state interests?
		5b. Is the government requirement roughly proportional to the impact of the proposed use of the property?
	X	6. Does the action have a severe impact on the value of the property?
	X	7. Does the action damage the property by causing some physical disturbance with respect to the property in excess of that sustained by the public generally? (If the answer is NO, skip questions 7a-7c)
		7a. Is the impact of government action direct, peculiar, and significant?
		7b. Has the government action resulted in the property becoming practically inaccessible, waterlogged, or flooded?
		7c. Has the government action diminished property values by more than 30% and necessitated the physical taking of adjacent property or property across a public way from the property in question?

Taking or damaging implications exist if YES is checked in response to question 1 and also to any one or more of the following questions: 2, 3, 4, 6, 7a, 7b, 7c; or if NO is checked in response to questions 5a or 5b.

If taking or damaging implications exist, the agency must comply with § 5 of the Private Property Assessment Act, to include the preparation of a taking or damaging impact assessment. Normally, the preparation of an impact assessment will require consultation with agency legal staff.



Data use subject to license.
 © 2004 DeLorme. Topo USA® 5.0.
 www.delorme.com

TN
 MN (0.0'E)

Scale 1 : 4,400
 0 100 200 300 400 500 600
 0 40 80 120 160 200
 1" = 366.7 ft Data Zoom 16-0