

**SUPPLEMENTAL INFORMATION
No. 1**

For Zoning Administrator Agenda of:
September 5, 2019
Item No. 2

Re: Applicant: Jack and Mary Noble
 Case Numbers: SMP-15-002, RP-15-003, CUP-15-003
 Application Number 9832
 APN: 204-041-019 et al

Attached supplemental information is provided for the Zoning Administrator's consideration:

1. Revisions to the Staff Report and the draft Mitigated Negative Declaration to clarify in the Project Description full extent of approved mining methods and limitations for on-site material processing, and to make minor typographical corrections (pages 2, 4, 11, 15 and 18)
2. Excerpts from Mining and Reclamation Plan describing approved mining methods and limitations for on-site material processing (pages 1, 2 and 3)

AGENDA ITEM TRANSMITTAL

To: John H. Ford, Zoning Administrator

From: Steve Werner, Supervising Planner

Hearing Date	Subject	Contact
September 5, 2019	Conditional Use Permit, Surface Mining Permit Reclamation Plan Re-Issuance	Michael Wheeler

Project Description: Re-issuance for a 15-year term of a previously approved Conditional Use Permit, Surface Mining Permit and Reclamation Plan for the extraction of instream river-run aggregate from exposed gravel bars located in 14 parcels along the Van Duzen River at the mouth of Yager Creek. The original permits approved the following: "the annual extraction of up to 100,000 cubic yards (yd3) of river-run sand and gravel aggregate products from a three-mile stretch of the Van Duzen River near its confluence with Yager Creek. Approved mining methods gravel bar skimming, trenches, pits, and other environmentally sound methods. The preferred extraction method will be "bar-skimming" --- where the upper portion of exposed point bar materials is scraped horizontally to a depth no less than one foot above the elevation of the live stream. Mined materials will be transported to five stockpiling sites where they await further transport to other sites for processing. Gravel may be sorted onsite. No other aggregate processing (e.g., washing, ~~size sorting~~ and crushing) is proposed for on-site. Stockpiled material will transit the site either by railcar along the Northcoast Railroad Authority's Eel River Canyon line, or by truck over one of three routes --- River Bar Road, South Fisher Road, or Odd Fellows Park Road --- onto State Highway 36.

Project Location: The project site is located in Humboldt County, in the Hydesville area, southeast of River Bar Road, approximately 2 miles southeast from the intersection of State Highway 36 with River Bar Road, on the property known as 1919 River Bar Road and the property known to be in sections 20, 27-30, 32-33 township 02 north range 01 east.

Present Plan Land Use Designations: Agriculture Exclusive (AE), Timberland (T), HCGP

Present Zoning: Timberland Production (TPZ), Agriculture Exclusive (AE), Special Building Site (B)

Case Numbers: SMP 15-002, RP 15-003, CUP 15-003

Application Number: 9832

Assessor Parcel Numbers: 204-041-019-000, 204-071-010-000, 204-071-011-000, 204-111-008-000, 204-111-009-000, 204-111-011-000, 204-241-006-000, 204-041-020-000, 204-041-021-000, 204-051-005-000, 204-051-006-000, 204-051-007-000, 204-051-008-000, 204-063-009-000, 204-063-010-000, 204-063-011-000, 204-063-013-000, 204-063-014-000, 204-071-005-000, 204-071-006-000, 204-072-006-000, 204-101-003-000, 204-101-026-000

Applicant

Jack Noble
Van Duzen River Ranch
PO Box 365
Fortuna, CA 95540

Owner

Same

Agent

Danny Hagans
Pacific Watershed & Associates

Environmental Review: Yes

State Appeal Status: Project is NOT appealable to the California Coastal Commission

JACK NOBLE CONDITIONAL USE AND SURFACE MINING PERMITS

Case Numbers SMP-14-001X, CUP-14-013X, RP-14-001X

Assessor Parcel Number (APN) 316-061-011-000

Recommended Zoning Administrator Action:

1. Describe the application as part of the Consent Agenda;
2. Survey the audience for any person who would like to discuss the application;
3. If no one requests discussion, make the following motion to approve the application as a part of the Consent Agenda:

Move to adopt the Mitigated Negative Declaration and make all of the required findings for approval of the Re-issuance of the Conditional Use Permit, Surface Mining Permit and Reclamation Plan based on evidence in the staff report, and adopt the Resolution approving the Jack Noble project subject to the recommended conditions.

Executive Summary: The applicant is proposing reissuance of a previously approved surface mining permit for the extraction of instream river-run aggregate from exposed gravel bars located on 14 parcels along the Van Duzen River at the mouth of Yager Creek. The original permits approved the following: "the annual extraction of up to 100,000 cubic yards (yd3) of river-run sand and gravel aggregate products from a three-mile stretch of the Van Duzen River near its confluence with Yager Creek. Approved mining methods gravel bar skimming, trenches, pits, and other environmentally sound methods. The preferred extraction method will be "bar-skimming"--- where the upper portion of exposed point bar materials is scraped horizontally to a depth no less than one foot above the elevation of the live stream.

Mined materials will be transported to five stockpiling sites where they await further transport to other sites for processing. Gravel may be sorted onsite. No on-site aggregate processing (e.g., washing, ~~size sorting~~ and crushing) is proposed for on-site. The mining permit previously authorized stockpiled material to be transited from the site either by railcar along the Northcoast Railroad Authority's Eel River Canyon line (currently in-active), or by truck over one of three routes --- River Bar Road, South Fisher Road, or Odd Fellows Park Road --- onto State Highway 36. During the winter of 2018 the connection from the ranch road to South Fisher Road was lost by river migration. In 2019, a non-permitted connecting road was constructed by others through the Patton property resulting in the removal of riparian vegetation and grading in violation the Streamside Management Area Ordinance. The remedy for this violation is full restoration or the securing a permit for the road reconstruction with appropriate off-setting mitigation for riparian loss. Because this non-permitted connection to South Fisher Road may not be lawfully used for the mining operation, the permit has been conditioned to restrict transit of mined materials using the other approved accesses only.

Pursuant to Humboldt County Code Section 391-4.B.6, upon written request to the Zoning Administrator, before expiration of the mining permit, the permit may be reissued for a term equal to that of the original permit where it is demonstrated to the satisfaction of the Hearing Officer that "the use has been conducted in compliance with permit conditions." Furthermore, the County's SMARA Regulations authorize the Hearing Officer to add to or modify the conditions of the original permit as necessary to ensure compliance with changes in laws, regulations or circumstances. This application was filed in a timely fashion and includes evidence in support of the finding that the use has been conducted in compliance with permit terms and conditions and that no modifications to the approved reclamation plan is required (see Attachment 3).

riparian vegetation on APN 204-111-006 has been remedied to the satisfaction of the California Department of Fish and Wildlife (CDFW) and the County.

7. Any and all portable toilet facilities shall be adequately maintained by a licensed septic tank pumper to the satisfaction of the County Department of Environmental Health.
8. If necessary, the applicant/operator shall be responsible for constructing siltation ponds associated with aggregate washing and processing operations to the satisfaction of the Regional Water Quality Control Board. A modification to this permit will be required for processing beyond size sorting of materials.
9. Use of South Fisher Road for transport of mined materials is prohibited until the terms of Condition #B.6 have been satisfied. If the restriction is subsequently removed, the following condition shall apply: Regardless of destination, all truck-transported material hauled via Fisher Road shall turn east (right) onto State Highway 36. **No westerly (left) turns onto State Highway 36 from Fisher Road are permitted.**
10. The operation shall comply with the restrictions developed by the National Marine Fisheries Service as contained in their *Biological Opinion* made in response to the May 16, 1997 "Section 7" Endangered Species Act consultation with the US Army Corps of Engineers regarding the Letter of Permission procedure to permit gravel mining in Humboldt County.
11. Hours of operation, including extraction, processing, loading and material truck-transport are limited to 7:00 a.m. to 7:00 p.m., Pacific Standard Time (6:00 a.m. - 6:00 p.m. during Daylight Savings Time), Monday through Saturdays. No night-time hauling is authorized.
12. The operator shall be limited to the annual pre-extraction prescriptions approved by CHERT in mitigation 1 of the Mitigation and Monitoring Plan. If CHERT, or an equivalent extraction team as approved by the Humboldt County Board of Supervisors to evaluate gravel extraction along the entire reach of the Eel and Van Duzen rivers ceases to exist, the operator shall be limited to a total annual extraction of 40,000 cubic yards.

C. Informational Notes:

1. Surface mining operations are regulated by various different state and federal agencies. Each of these agencies is responsible for regulating a specific aspect of the mining operation. For example, the Department of Fish and Game is responsible for assuring that fish and wildlife resources are not negatively impacted by a surface mining operation; the Army Corps of Engineers is responsible for regulating discharges into navigable waters of the United States; the Regional Water Control Board oversees waste discharge requirements; CalTrans assures that no State bridges or highways are negatively affected by mining operations and commercial encroachments, and; the State Lands Commission regulates activities on lands within the public trust. Other agencies which may have jurisdiction over a surface mining operation include but are not limited to, California Department of Conservation, Division of Mines & Geology; Northcoast Air Quality Management District; California Coastal Commission; National Marine Fisheries Service; United States Fish & Wildlife Service, and ; CalOSHA.

The operator is responsible for contacting all of the above regulating agencies to assure conformance by the surface mining operation with these agencies regulations.

STAFF ANALYSIS

CONDITIONAL USE PERMITS

A. General Plan Conformance

The following table identifies the evidence which supports finding that the proposed surface mining operation is in conformance with all applicable policies and standards in the Humboldt County General Plan (HCGP).

Plan Section	Summary of Applicable Goal, Policy or Standard	Evidence Which Supports Making the General Plan Conformance Finding
<p>Land Use Chapter 4</p> <p>Land Use Designations Section 4.8</p> <p>Timberland (T)</p> <p>Agriculture Exclusive (AE)</p>	<p>The Timberland designation is intended for land that is primarily suitable for the growing and harvesting and production of timber. The density range is 40-160 acres/unit.</p> <p>The Agriculture Exclusive designation applies to bottomlands farms and lands that can be irrigated; and upland areas where used to retain agricultural character. Density range is 20-60 acre/unit.</p>	<p>The project site, encompassing major portions of the Van Duzen River Ranch and adjacent parcels, has been designated Agricultural Exclusive (AE) and Timberland (T). Primary and compatible uses include the General Agriculture, Timber Production and Surface Mining use types. The project involves the reissuance of permits to conduct surface mining consisting of instream river-run aggregate extraction from exposed gravel bars on 14 parcels along the Van Duzen River. Five sites are used to stockpile extracted materials before transport. This use falls within the description of Surface Mining -3 – surface extraction of nonmetallic minerals such as sand and gravel, confined only to rivers and areas of wind blown sands, and not including stationary on-site process facilities of any type. Note: surface mining includes sorting and stockpiling of extracted materials <u>is permitted; other processing activities including washing or crushing is not authorized and will require a permit modification, which is not defined as "processing".</u></p>
<p>Circulation Chapter 7</p>	<p>Goals and policies contained in this Chapter relate to a balanced, safe, efficient, accessible and convenient circulation system that is appropriate for each type of unincorporated community (C-G1,C-G2); coordinated planning design, development, operations, and maintenance between the</p>	<p>Hauling of mined materials limited to "legal loads" as defined in Vehicle and Streets & Highways Codes.</p> <p>The project relies entirely on truck transportation as no active rail service is now available. Truck traffic generated by the project varies with seasonal and market conditions. Historical operations have only occasionally shipped more than 20 truck loads per day, and not for any periods extending more than</p>

Plan Section	Summary of Applicable Goal, Policy or Standard	Evidence Which Supports Making the General Plan Conformance Finding
<p>and Open Space Chapter 10</p> <p>Biological Resources Section 10.3</p>	<p>in this Chapter relate to mapped sensitive habitat areas where policies are applied to protect fish and wildlife and facilitate the recovery of endangered species (BR-G1, Threatened and Endangered Species, BR-G2, Sensitive and Critical Habitat, BR-G3, Benefits of Biological Resources)</p> <p>Related policies: BR-P1, Compatible Land Uses, BR-P5, Streamside Management Areas.</p>	<p>operation within a three mile reach of the Van Duzen River. The protection of natural resources, especially fish and wildlife is one of the chief concerns identified in SMARA, the local mining ordinances, and CEQA. Based upon the conclusions of the PEIR (1996), the SEIR for the Van Duzen River Ranch (2000), and the Subsequent Mitigated Negative Declaration prepared for the project (Attachment 4), the proposed mining operation is seen as being consistent with the resource protection policies of the General Plan. Authorizing the project as designed and mitigated in the FSEIR and the Subsequent MND will ensure that the habitat values associated with the Van Duzen River are largely unimpacted by human resource extraction activities. Extration activities are conducted in accordance with the recommendations of the Humboldt County Extraction Review Team (CHERT), and with permits or authorizations from the California Department of the Fish and Wildlife (CDFW), the U.S. Army Corps of Engineers (USACE) and the National Marine Fisheries Service (NMFS).</p>
<p>Chapter 10.4 Mineral Resources</p>	<p>Numerous policies and standards recognizing the importance of hard rock and in-stream mining to local & regional economy, and setting criteria and restrictions to ensure health, safety, and general welfare of persons, property and public resources. These include the requirement for mine reclamation [MR-P7], maintenance of haul routes [MR-P10], permit conditions to reduce impacts [MR-P11].</p>	<p>Many of these policies and standards have been incorporated into the implementing Surface Mining Ordinance as performance standards required of all mining activities. The project has been conditioned to address dust and noise levels, hours of operations, access, setbacks and other performance standards to minimize potential environmental effects and conflicts with neighboring uses. Approved mining methods gravel bar skimming, trenches, pits, and other environmentally sound methods. Gravel bar skimming is the preferred method. Extraction is restricted to the low flow season. The reclamation plan provides for periodic and annual reclamation activities as well as end of operation activities. Final reclamation will involve stockpile removal and use of the associated roads and former stock pile areas for livestock feeding and grazing and ranch equipment storage. Replanting of disturbed areas will take place to create riparian habitat or grazing land. Upon mine closure, the mined lands These uses are consistent</p>

Subsequent Mitigated Negative Declaration

PROJECT: Van Duzen River Ranch 15-Review for Conditional Use Permit and Reclamation Plan Renewal

LEAD AGENCY: Humboldt County, Community Development Services (County), 3015 H Street, Eureka, California 95501-4484

LEAD AGENCY CONTACT PERSON: Michael E. Wheeler, Senior Planner, 707-268-3730

AGENT AND CONSULTANT: Benchmark Resources, 2515 E Bidwell St. Folsom, California 95630, (916) 983-9193, dbrown@benchmarkresources.net

PROJECT LOCATION: On the Van Duzen River, River Mile 3.2-6.0. East of U.S. Highway 101, in Humboldt County. 1919 River Bar Road, Fortuna, California. Northwest 1/4 Section 19, Township 2 North, Range 1 East, Humboldt Meridian. Latitude 40° 31' 53", Longitude 124° 05' 08". See Figure 1, "Project Location Map," and Figure 2, "Existing Conditions." The project site is located the Hydesville area, approximately 2 miles southeast from the intersection of State Route 36 with River Bar Road.

PROJECT PROPONENT: Jack and Mary Noble, P.O. Box 365, Fortuna, California 95540, (707) 768-3303, mjnoble2@suddenlink.net

PROPERTY OWNERS: Jack and Mary Noble, P.O. Box 365, Fortuna, California 95540; Orion Riggs, P.O. Box 392, Scotia, California 95565; Kelly Patton, P.O. Box 452 Scotia, California 95565; Dwight, Dorothy, Joelle, and Brian Jennings, 1522 River Bar Road Fortuna, California 95540.

PRESENT PLAN DESIGNATIONS: Agriculture Exclusive specifying a minimum parcel size of 55 acres (AE55), *Hydesville Carlotta Community Plan*. Density: One dwelling unit per 20 acres. Slope: Low Instability..

PRESENT ZONING: Agriculture Exclusive with combining zones for Special Building Site specifying a minimum lot size of 10 acres (AE-B-7[10]).

ASSESSOR'S PARCEL NUMBERS: 204-041-19, 204-051-08, 204-071-05, 204-101-26, 204-041-20, 204-063-09, 204-071-06, 204-111-08, 204-041-21, 204-063-10, 204-071-08, 204-111-09, 204-051-05, 204-063-11, 204-071-09, 204-111-11, 204-051-06, 204-063-13, 205-072-06, 204-241-06, 204-051-07, 204-063-14, 204-101-03

SURROUNDING LAND USES AND SETTING: Rural Residential/Agriculture/Recreation

OTHER PUBLIC AGENCIES WHOSE APPROVAL IS REQUIRED (e.g., permits, financing approval, or participation agreement.): North Coast Regional Water Quality Control Board (Water Quality Certification); California Department of Fish and Wildlife (CDW) (trustee agency [California Fish and Game Code Section 1600]).

PROJECT SUMMARY: The proposed project is for a renewal of a 15-year conditional use permit and reclamation plan for a previously approved gravel mining and processing operation. The operation has been permitted and operating for the past 15 years. No modifications to the existing permit are proposed. The Van Duzen River Ranch mining operation is a cooperative commercial gravel extraction operation among neighbors with the primary goal of protecting an aggraded reach of the lower Van Duzen River from flood and streambank erosion. This mine consists of extracting instream river-run aggregate from exposed gravel bars located in 14 parcels along the Van Duzen River and at the mouth of Yager Creek. The 14 parcels are located between river mile 3.2 and 6.0 on the Van Duzen River and at the mouth of Yager Creek (at river mile 5.0 on the Van Duzen River). This operation may excavate up to 100,000 cubic yards of aggregate per year. Five stockpile sites are located on six parcels adjacent to the river. Gravel may be sorted on-site. No other aggregate processing is permitted. Aggregate is shipped from the ranch by truck and rail. Annual extractions volume would continue to be limited by the County of Humboldt Extraction Review Team (CHERT) prescription process. The volume aggregate available in the river is replenished each year. An overview of the current conditions and approved mining operations and reclamation plan and a summary of monitoring (2000–2014) is included in the report titled *Van Duzen River Ranch 15-Year Review for Conditional Use Permit and Reclamation Plan Renewal* (Benchmark Resources 2015a). The approved mining and reclamation plan describes the entire project.

The methods of surface rock removal would not change. The methods involve skimming with a loader, scraper, and excavator. Aggregate materials are temporarily stockpiled and loaded onto trucks or off-road haulers and then transported to the existing adjacent processing site or to off-site locations. Processing operations involve material ~~crushing and/or~~ sorting, on-site storage of materials, ~~production of concrete~~, and weighing and hauling by truck. Under the previous permit, hours of operations at the processing site were restricted to Monday through Friday, 7:00 a.m. to 7:00 p.m., and, during daylight savings, Monday through Saturday, 6:00 a.m. to 6:00 p.m.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact Unless Mitigated" as indicated by the checklist on the following pages.

SECTION I APPLICABLE GENERAL INFORMATION

1.0 Project Description

This is a cooperative commercial gravel extraction project among neighbors. The applicants expect that gravel extraction will produce a degree of protection from flood and stream bank erosion in an aggraded reach of the lower Van Duzen River.

This mine consists of instream river-run aggregate extraction from exposed gravel bars located in 14 parcels along the Van Duzen River and at the mouth of Yager Creek. The 14 parcels are located between river mile 3.2 and river mile 6.0 on the Van Duzen River and at the mouth of Yager Creek (at river mile 5.0 on the Van Duzen). This project may excavate up to 200,000 cubic yards of aggregate per year. The applicants expect that one benefit of this extraction will be flood-protection relief and stream bank protection.

Five stockpile sites will be located on six parcels located adjacent to the river. Gravel may be sorted onsite. No other aggregate processing is included under this application. Aggregate will be shipped from the ranch by truck and by rail.

1.1 State Division of Mines and Geology Identification Number

The Van Duzen River Ranch commercial gravel extraction is ongoing under a good faith agreement between the operator and the California Division of Mines and Geology while the operator pursues Humboldt County approval of this reclamation plan and its related conditional use permit application. This operation is identified by the California State Division of Mines and Geology as Mine Number 91-12-0049.

1.2 Project Location

The VanDuzen River Ranch and mine is located near the communities of Carlotta and Hydesville at:

1919 River Bar Road Fortuna, CA 95540
--

Primary access to the ranch is via River Bar Road which joins State Highway 36 west of Hydesville, in the NW 1/4 Sec. 19, T2N, R1E, HBM. The general vicinity of the ranch and mine is shown on a regional vicinity map (Attachment 1). A portion of the local U.S. Geological Survey 7.5 minute Hydesville quadrangle map shows the location more specifically (Attachment 2).

3.3-1 Extraction Limit

Several factors will influence the annual aggregate extraction prescriptions for this project. Chief among these is the need to maintain year-round stream channel beneficial uses. The operators believe that the project reach channel is highly aggraded and are particularly interested in protecting ranch resources by increasing channel capacity to reduce the flooding and bank erosion impacts of frequently occurring floods along the lower Van Duzen. Preliminary channel and flood frequency analyses indicate that ranch objectives could be met if the lower Van Duzen channel had a bank full cross section of approximately 8,000 square feet. Depending upon flow synchronization with Yager Creek, backwater effects from the Eel, variability in channel width and energy gradient, an 8,000 square foot design capacity channel would carry a two-to five year flow event.

This analysis included a Manning's estimate of bankfull average water velocity of 5 to 6 fps at benchmark cross section number 9; where S was estimated at 0.002, R = 3.6 feet, and N = 0.25 to 0.30. At these velocities, a bankfull cross sectional area of 8,000 square feet would conduct discharges of 40,000 to 48,000 cfs. This analysis is based on preliminary data and future monitoring may suggest the need for adjustments in the analysis and conclusions. In 1995 cross section nine was approximately 1,370 feet wide with an area of approximately 5,510 square feet and a mean depth of 4 feet. If the mean depth of this section were increased by 1.8 feet (to 5.8 feet) the stream bankfull cross-sectional area would be approximately 8,000 square feet.

Annual extraction levels are often based, in large part, on gravel recruitment so as to minimize channel degradation. However, this project is unique in that the channel is highly aggraded and volume to be extracted is partly driven by the operator's desire to increase the capacity of the channel to convey flood waters and enhance fish passage while not significantly impacting habitat diversity and the important beneficial uses of the river and its channel.

This plan establishes a maximum cross section channel capacity limit of approximately 8,000 square feet for the project. Limited excavation beyond a bankfull 8,000 square foot capacity may be provided at certain sites in order to encourage sediment transport, channel degradation and sediment deposition which over time would achieve the desired flood-conveyance channel throughout the project reach. Limited extraction beyond the approximately 8,000 square foot cross section channel may be approved by the CHERT or other regulatory agencies when needed to protect or enhance riverine beneficial uses. Continued channel aggradation and the need to protect instream beneficial uses may not allow the entire channel reach cross sectional area to be expanded to 8,000 square feet. However, it does provide a maximum level of extraction which may meet the applicants flood protection objectives and thus, may not need to be exceeded.

3.4 Mining Methods to be Used

Gravel bar skimming, trenches, pits, and other environmentally sound methods that are consistent with the objectives of the project and authorized under Department of Fish and Game 1603 agreements will be used. Because flood and streambank protection are expected benefits of this project, instream excavation methods which will reduce bank erosion and increase the flood carrying capacity of the channel will be used. Gravel bar skimming is the

standard preferred method. This is a long-term project and it is to be expected that approved mining methods will adapt in response to improvements in technology.

When gravel bar skimming occurs during the summer months thalweg confinement will be maintained and water quality will be protected by utilizing a minimum one-foot vertical freeboard between extraction surfaces and the existing streamflow water surface. Areas of skimming will be sloped for drainage purposes so they will drain downstream and or across stream toward the low flow channel.

3.5 Area to be Disturbed by Extraction

The project area contains 100 acres of exposed gravel bars. These features of scour and deposition, somewhat variable from year to year, are located between the low-flow channel and periodic high water levels. Above the periodic high water levels there are established stands of woody riparian vegetation and other ranch lands where no excavation will occur. To meet the objectives of flood and streambank protection, some exposed gravel bars will be mined more frequently than others. Excavation will occur on no more than 50 acres of exposed gravel bar during any one year. The risk of avulsion is high in some reaches and the exact location of the exposed gravel bars within the entitled parcels which are subject to extraction may vary somewhat from year to year.

3.6 Processing

Gravel may be sorted onsite. No onsite washing, crushing or other aggregate processing is included under this application.

3.7 Stockpile Areas

Small, temporary stockpiles will be established at extraction sites during the low flow season. These will be removed prior to winter runoff conditions. A typical schematic diagram of these temporary stockpiles is shown on Attachment 10.

Five off-river stockpile areas are established under this plan. These stockpile areas are on level or nearly level alluvial terraces. Refer to the map-photos (Attachments 4-7) for stockpile area locations. The total aerial extent disturbed by all five stockpile sites is under 10 acres (Table 3.7-1). Gravel will be shipped by truck from Stockpile areas 1, 2, 3, and 5. Gravel will be shipped by both truck and rail from Stockpile area 4. All stockpile areas and areas adjacent to the stockpiles will continue to be periodically used for livestock feeding, grazing or other agriculture activities during the project.

Table 3.7-1 Summary of existing conditions at stockpile sites.

Stockpile Site	Area (acres)	Located in APN	Located in MRN	Current Use of Stockpile Site
1	1.25	204-101-02	24	Burned-home site
2	1.90	204-101-03	18	Open space & grazing