



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Mother Lode Field Office
5152 Hillside Circle
El Dorado Hills, CA 95762-5713
www.blm.gov/ca/motherlode

Middle and North Forks American River Withdrawal of Public Domain Lands (CA-180-14-41) Decision Record July 2014

1.0 Introduction and Background

The Mother Lode Field Office of the Bureau of Land Management has proposed to withdraw 6,968.4 acres of public lands from settlement, sale, location or entry under the general land laws, including the mining laws for a period of 20 years. The withdrawal of the subject lands will help to assure long-term protection for the Auburn Dam Project site in El Dorado and Placer County, California.

2.0 Decision

2.1 Alternatives Considered but not Selected

Under the no action alternative, the lands would not be withdrawn. They would remain open to settlement, sale, location and entry under the general land laws, including the mining laws. The filing of mining claims could interfere with the Auburn Dam Project.

2.2 Decision and Rationale

Based on information in the EA, the project record, and consultation with my staff, I have decided to implement the proposed withdrawal as described in the EA. The withdrawal would help ensure the subject lands are fully available for the Auburn Dam Project.

3.0 Consultation and Coordination

Threatened and endangered species and their habitats would not be affected; therefore, consultation with US Fish and Wildlife Service is not necessary.

4.0 Public Involvement

The EA was posted on the Mother Lode Field Office's webpage and made available for a formal 15-day public comment period in July 2014. No comments were received.

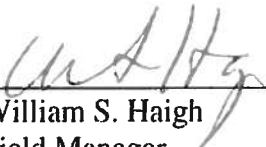
5.0 Plan Consistency

Based on information in the EA, the project record, and recommendations from BLM specialists, I conclude that this decision is consistent with the Sierra Resource Management Plan Record of Decision, approved in February 2008.

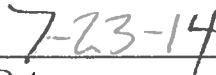
6.0 Administrative Remedies

Administrative remedies may be available to those who believe they will be adversely affected by this decision. Appeals may be made to the Office of Hearings and Appeals, Office of the Secretary, U.S. Department of Interior, Board of Land Appeals in strict compliance with the regulations in 43 CFR Part 4. Notices of appeal must be served upon the Field Manager, Mother Lode Field Office, within 30 days after publication of this decision pursuant to 43 CFR Part 4, Subpart E. The notice of appeal and any statement of reasons, written arguments, or briefs must also be served upon the Regional Solicitor, Pacific Southwest Region, U.S. Department of Interior, 2800 Cottage Way, E-1712, Sacramento, CA 95825. Please consult the appropriate regulations (43 CFR Part 4 Subpart E) for further appeal requirements. Appeals cannot be made by fax or email. They must be mailed or delivered by hand.

The service date of this decision (and the date initiating the appeal period) will be the date that the BLM Mother Lode Field Office's NEPA internet website is updated to indicate that this decision has been signed.



William S. Haigh
Field Manager,
Mother Lode Field Office



Date



United States Department of the Interior



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Middle and North Forks American River Withdrawal of Public Domain Lands (CA-180-14-41) Finding of No Significant Impact July 2014

It is my determination that this decision will not result in significant impacts to the quality of the human environment. Anticipated impacts are within the range of impacts addressed by the Sierra Resource Management Plan (RMP). Thus, the proposed action does not constitute a major federal action having a significant effect on the human environment; therefore, an environmental impact statement (EIS) is not necessary and will not be prepared. This conclusion is based on my consideration of CEQ's following criteria for significance (40 CFR §1508.27), regarding the context and intensity of the impacts described in the EA and based on my understanding of the project:

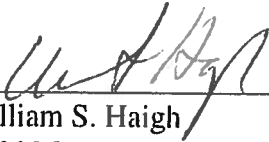
- 1) *Impacts can be both beneficial and adverse and a significant effect may exist regardless of the perceived balance of effects.* No significant impacts have been identified.
- 2) *The degree of the impact on public health or safety.* No aspects of the proposed action have been identified as having the potential to significantly and adversely impact public health or safety. In fact, the project is designed to enhance public health.
- 3) *Unique characteristics of the geographic area.* The lands subject to withdrawal do not contain any unique characteristics.
- 4) *The degree to which the effects on the quality of the human environment are likely to be highly controversial effects.* No anticipated effects have been identified that are scientifically controversial. As a factor for determining within the meaning of 40 C.F.R. § 1508.27(b)(4) whether or not to prepare a detailed environmental impact statement, "controversy" is not equated with "the existence of opposition to a use." *Northwest Environmental Defense Center v. Bonneville Power Administration*, 117 F.3d 1520, 1536 (9th Cir. 1997). "The term 'highly controversial' refers to instances in which 'a substantial dispute exists as to the size, nature, or effect of the major federal action rather than the mere existence of opposition to a use.'" *Hells Canyon Preservation Council v. Jacoby*, 9 F.Supp.2d 1216, 1242 (D. Or. 1998).
- 5) *The degree to which the possible effects on the human environment are likely to be highly uncertain or involve unique or unknown risks.* The analysis does not show that the proposed action would involve any unique or unknown risks.
- 6) *The degree to which the action may establish a precedent for future actions with significant effects or represents a decision in principle about a future consideration.* The proposed action is not precedent setting.

7) *Whether the action is related to other actions with individually insignificant but cumulatively significant impacts.* No significant site specific or cumulative impacts have been identified. The proposed action is consistent with the Sierra RMP.

8) *The degree to which the action may adversely affect National Historic Register listed or eligible cultural properties or may cause loss or destruction of significant scientific, cultural or historical resources.* The proposed action would not adversely affect cultural properties listed on or eligible for the National Register of Historic Places.

9) *The degree to which the action may adversely affect ESA listed species or critical habitat.* No ESA listed species (or their habitat) would be adversely affected by the proposed action.

10) *Whether the action threatens a violation of environmental protection law or requirements.* There is no indication that the proposed action will result in actions that will threaten such a violation.



William S. Haigh
Field Manager,
Mother Lode Field Office

7-23-14

Date



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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EA Number: CA-180-14-41

Serial Number: CACA 52573

Proposed Action: Middle and North Forks American River Withdrawal of Public Domain Lands

Location: Various locations in El Dorado County and Placer County (see attached map)

1.0 Purpose of and Need for Action

1.1 Need for Action

The Mother Lode Field Office of the Bureau of Land Management (BLM) proposes to withdraw 6,968.4 acres of public lands from settlement, sale, location or entry under the general land laws, including the mining law for a period of 20 years. The withdrawal of the subject lands would help assure long-term protection for the proposed Auburn Dam and Reservoir Project site on the North and Middle forks of the American River in El Dorado and Placer County, California.

1.2 Conformance with Applicable Land Use Plans

The proposed action is subject to the Sierra Resource Management Plan (RMP) dated February 2008. This plan has been reviewed to determine that the proposed action conforms to the land-use plan terms and conditions as required by 43 CFR 1610.5 and 43 CFR 2300. The Sierra RMP calls for improving public land ownership patterns by allowing land tenure adjustments (land disposal and acquisitions) which are compatible with management goals such as acquiring land within river corridors. The RMP also calls for the preservation of these significant river corridors which is the objective of this proposal. The proposal also complies with Bureau's policy to preserve exceptional environmental and recreational values. The proposed action is consistent with these plan goals and objectives.

2.0 Proposed Action and Alternatives

2.1 Proposed Action

The proposal is to withdraw 6,968.4 acres of public land along the corridors of the Middle and North forks of the American River described as follows (refer to the attached map of the subject lands):

T. 12 N., R. 8 E.,

sec. 12, S $\frac{1}{2}$ SW $\frac{1}{4}$;

sec. 25, North Extension of the Wilhelm Lode, Mineral Survey No. 6091.

T. 12 N., R. 9 E.,

sec. 1, lots 10 and 11;

sec. 4, lots 12, 13, 14, and S $\frac{1}{2}$ NE $\frac{1}{4}$;

sec. 5, lots 19, 20, and 21;
sec. 18, lot 1.

T. 13 N., R. 9 E.,

sec. 1, that portion of unpatented Mineral Survey No. 2653 within in the NE $\frac{1}{4}$;
sec. 2, lots 1, 2, and 7, N $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, and SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$;
sec. 11, lot 2 and S $\frac{1}{2}$ SW $\frac{1}{4}$;
sec. 13, SE $\frac{1}{4}$ SE $\frac{1}{4}$;
sec. 22, N $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, and that portion of Mineral Survey U-3 within lot 1;
sec. 23, Mineral Survey U-3;
sec. 24, lot 2, excluding Mineral Survey Nos. 2516, 4962, 5209, 5487 and 5488,
SE $\frac{1}{4}$ SW $\frac{1}{4}$, excluding Mineral Survey No. 5488, N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, and
NE $\frac{1}{4}$ NW $\frac{1}{4}$;
sec. 25, SE $\frac{1}{4}$ NE $\frac{1}{4}$, that portion of unpatented Mineral Survey No. 4343 within the NE $\frac{1}{4}$,
and that portion of W $\frac{1}{2}$ W $\frac{1}{2}$ SE $\frac{1}{4}$, excluding Mineral Survey No. 6314;
sec. 26, that portion of unpatented Mineral Survey No. 1865 within the SE $\frac{1}{4}$;
sec. 28, NE $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$,
and W $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$;
sec. 30, NW $\frac{1}{4}$ SE $\frac{1}{4}$;
sec. 32, lot 5;
sec. 34, lots 4, 11, 19, and 20;
sec. 36, those portions of lot 1 excluding Mineral Survey No. 6227, lots 2 and 3.

T. 13 N., R. 10 E.,

sec. 2, lot 1, and lots 3 to 15, inclusive;
sec. 3, lot 21;
sec. 4, lots 43, 44, and 45;
sec. 9, lots 8, 12 and 13, and SW $\frac{1}{4}$ NE $\frac{1}{4}$;
sec. 10, lots 1 to 10, inclusive, E $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, and SE $\frac{1}{4}$ SE $\frac{1}{4}$;
sec. 18, lot 1 to 4, inclusive, S $\frac{1}{2}$ of lot 5, S $\frac{1}{2}$ of lot 8, lots 11 and 13;
sec. 19, lot 24;
sec. 20, lots 1, 2, and 8, N $\frac{1}{2}$ NE $\frac{1}{4}$, and SE $\frac{1}{4}$ NE $\frac{1}{4}$;
sec. 30, lots 1, 5, and 6, S $\frac{1}{2}$ NE $\frac{1}{4}$, and NE $\frac{1}{4}$ SE $\frac{1}{4}$, and that portion of unpatented land in
the NW $\frac{1}{4}$ westerly of Mineral Survey No. 4709 and northerly of Mineral Survey
No. 6115.

T. 14 N., R. 9 E.,

sec. 1, lot 5, Gitaway Quartz Mine, Blue Rock Quartz Mine, and S $\frac{1}{2}$ NW $\frac{1}{4}$;
sec. 12, N $\frac{1}{2}$ and SE $\frac{1}{4}$;
sec. 13, NE $\frac{1}{4}$;
sec. 24, S $\frac{1}{2}$;
sec. 25, lots 9 to 13, inclusive, and lots 15 to 22, inclusive, NE $\frac{1}{4}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$,
and SW $\frac{1}{4}$ SE $\frac{1}{4}$;
sec. 35, lots 5, 6 and 7, NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, and E $\frac{1}{2}$ SE $\frac{1}{4}$;
sec. 36, lots 2, 3, 7, 8, 9, 14, and 22, and NW $\frac{1}{4}$.

T. 14 N., R. 10 E.,

sec. 7, lots 6, 15, 27, 28, 42, and 45;
sec. 18, lots 2 to 7, inclusive, and lots 10, 11, 13, and 15;
sec. 30, lots 4, 8, 9, 10, lots 15 to 18, inclusive, NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$,

and SW¼SE¼.

T. 15 N., R. 9 E.,

sec. 36, unsurveyed S½SE¼SW¼, and unsurveyed SW¼SE¼.

The withdrawal would not prohibit use authorizations under the mineral leasing laws or the materials sales act. The proposed action would not impact current mining claims which would continue under a prior existing right. However, if the claims were abandoned or forfeited, the claims could not be relocated.

2.2 No Action

The no action alternative would be to not withdraw the subject lands. These lands would be open to settlement, sale, location and entry under the general land laws, including the mining laws. The lands would not be protected from potential adverse environmental and social impacts associated with these activities.

3.0 Affected Environment

3.1 Vegetation (including special status plant species)

The vegetation of the subject area consists mostly of open grassland, oak savannah, denser oak woodlands, chaparral and mixed conifer forest. Most conifers occur on north-facing slopes and higher elevations upstream. Much of the area contains mature blue oak savannah, blue oak woodland, or interior live oak woodland. There is chaparral dominated by chamise and white-leaf manzanita, often on shallow soils. There are no known populations of special status plants in the project area.

3.2 Wildlife (including special status wildlife species)

Wildlife in the subject area is representative of wildlife throughout the lower foothills of the Sierra Nevada. The area supports significant wildlife diversity. Over 200 species of birds occur seasonally or as residents in the Sierra, including wintering Bald Eagles, and at least 94 resident mammals such as mountain lion, bobcat, fox, coyote, deer and ring-tail cat. The river itself supports rainbow and brown trout, kokonee salmon and a variety of native fish.

3.3 Minerals

The subject area has moderate to high potential for lode and placer gold deposits and low to moderate potential for chromite and industrial grade limestone but they have low to no mineral development potential. Detailed information on the mineral resources is contained in the mineral report "Mineral Potential Assessment of Public Lands Proposed for Withdrawal in the vicinity of the North and Middle Forks of the American River and the Auburn Dam Project Area" by BLM geologist Tim Carroll (May 28, 2014).

The subject lands are underlain by intrusive, metamorphic, volcanic and/or pre-Cretaceous sedimentary rocks. They have no to low potential for the occurrence of oil, natural gas, or other leasable mineral resources. No deposits of mineral materials suitable for commercial or private use are known to occur on the subject lands. Chromium is designated as strategic and critical in the Stockpile Report to congress and chromite deposits may occur on some of the subject land parcels.

However, no minerals designated as strategic and critical are known to occur on the subject lands in quantities within 30% of the grade and tonnage of deposits being commercially produced.

The subject lands have low to no potential for the development of mineral resources. The proposed withdrawal would not substantially interfere with mineral development opportunities.

3.4 Cultural Resources

Much of the subject area has been inventoried for cultural resources for various projects. By far the largest single effort was made by archaeologists during the 1960s and 1970s for the Auburn Dam Project. This inventory effort is documented in a series of reports (many authored primarily by D. L. True) on file at the North Central Information Center at Sacramento State University and the Bureau of Reclamation's Mid-Pacific Region office at 2800 Cottage Way in Sacramento. Many cultural resources have been identified on the subject lands.

3.5 Water Quality

The Middle and North forks of the American River are major waterways in the west central Sierra Nevada flowing west from the crest to where they join the South Fork in Folsom Lake. The lower American River then travels down to the lower Sacramento Valley and into the Sacramento River which flows into San Francisco Bay. The importance of water quality is evident in the American River watershed. Placer and El Dorado County and the Sacramento metropolitan area rely on the American River water for agricultural and municipal purposes. The Middle and North forks of the American River are very popular with recreationists (hiking, boating, etc.).

3.6 Riparian Areas

The subject lands encompass approximately three river miles along the Middle and North Forks of the American River and several miles of tributaries and riparian greenbelts. The riparian zones along the American River and its tributaries support significant botanical and wildlife diversity.

4.0 Environmental Effects

The following critical elements have been considered and unless specifically mention later in this chapter, have been determined to be unaffected by the proposal: air quality, areas of critical environmental concern, prime/unique farmlands, floodplains, wild and scenic rivers, wilderness, invasive, nonnative weeds, and environmental justice.

4.1 Vegetation (including special status plant species)

The impacts of the proposed action would be beneficial. The proposal would allow soils and vegetation to remain in their present productive state where no mining claims exist. The proposed action would not impact current mining claims which would continue under a prior existing right. However, if the claims were abandoned or forfeited, the claims could not be relocated. There are no known populations of special status plants on the subject lands so the special status plants would be unaffected by the proposed action.

Under the no action alternative, vegetation could be impacted if new claims were filed.

4.2 Wildlife (including special status wildlife species)

The main impacts would be beneficial by providing for surface protection from mineral exploration activities over which the BLM has little discretion to prevent without the withdrawal. The withdrawal would protect high quality, diverse wildlife habitat in a greenbelt corridor of public domain lands and along the Middle and North forks of the American River where no mining claims currently exist. Habitat and species would continue to be impacted at existing levels in areas with current mining claims.

Under the no action alternative, earth disturbing mineral exploration would be expected on all the public lands. This could result in habitat loss and consequent adverse impacts to species. There are no known populations of Threatened and Endangered (T&E) species on the subject lands so there would be no affect to T&E species. There are populations of foothill yellow-legged frog and California spotted owl, both BLM sensitive species within the project area. These species would be expected to benefit from the project as mentioned above.

4.3 Minerals

It is not likely that potential locatable mineral resources on the public lands will be explored or developed commercially in the foreseeable future due to low to no potential for economic development of mineral resources in the project area. Therefore the proposed action is unlikely to have any major impact on mineral development. Also, prior existing claims on the public domain lands would not be affected. The proposal would have no impact on leaseable or saleable minerals since this withdrawal would not prevent development of these minerals under the mineral leasing or materials sales acts.

The no action alternative would allow for the location of mining claims and could result in small-scale placer gold mining and prospecting in the subject area. This would be beneficial to small-scale gold miners. The location of mining claims would likely interfere with the proposed Auburn Dam Project.

4.4 Cultural Resources

The proposed action would have beneficial effects on cultural resources since it would provide for surface protection from mineral exploration activities over which the BLM has little discretion to prevent without a withdrawal in place.

Under the no action alternative, cultural resources could be negatively affected by mining claim use.

4.5 Water Quality

Mining activity can have a varying degree of impact on water quality. In general, however, the proposed action would likely reduce the potential impact to water quality by preventing new mining activity.

The no action alternative would allow for new mineral development, which could impact water quality on the South Fork and its tributaries.

4.6 Wetlands/Riparian Areas

Withdrawal would protect significant fisheries and riparian values from new mineral development

and the associated disturbance impacts to vegetation and water.

The no action alternative could impacts riparian areas along the river and its tributaries because it would open up many acres of public lands to mineral development.

4.7 Cumulative Impacts


Because no site specific adverse impacts have been identified, no cumulative impacts are expected at the larger scale.


The no action alternative could cumulatively impact soils, vegetation, wildlife, water quality, and cultural resources at the watershed scale when combined with existing or anticipated impacts to those resources from mining and possibly other authorized land uses.

5.0 Agencies and Persons Consulted

5.1 BLM Interdisciplinary Team

Reviewers:

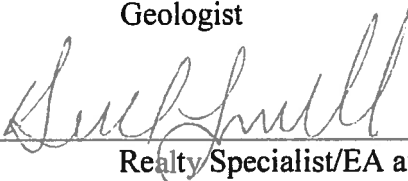
 7/3/14
NEPA Coordinator/Archaeologist

 7/2/14
Outdoor Recreation Planner/VRM Specialist

Beth Brenneman 7/2/14
Botanist

Peggy Ranston 7/2/14
Wildlife Biologist


Thomas Carroll 7/2/14
Geologist














 7.2.2014
Realty Specialist/EA author

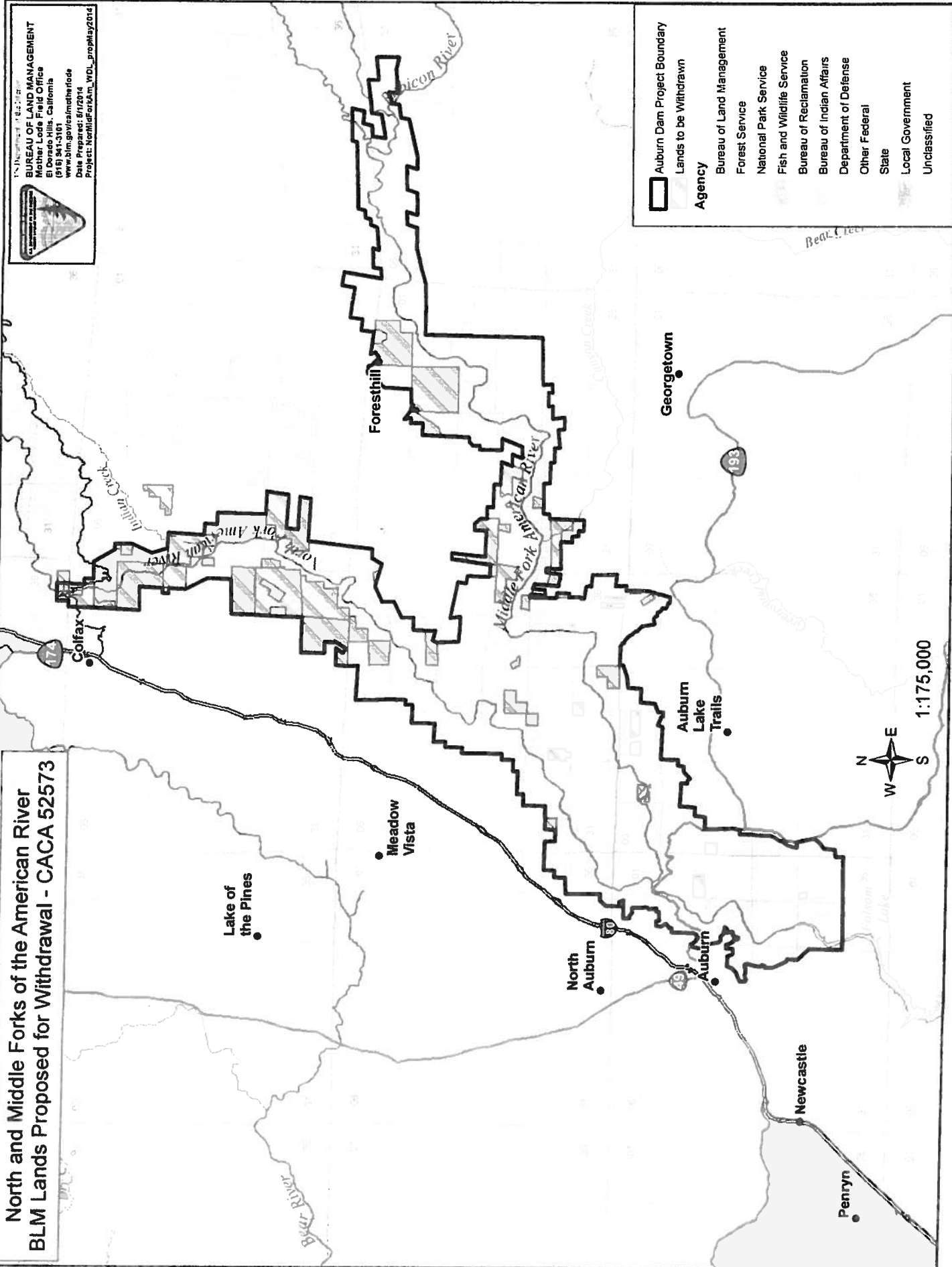
5.2 Availability of Document and Comment Procedures

This EA, posted on Mother Lode Field Office's website (www.blm.gov/ca/motherlode) under Information, NEPA (or available upon request), will be available for a 15-day public review period. Comments should be sent to the Mother Lode Field Office, 5152 Hillside Circle, El Dorado Hills, CA 95762 or emailed to us at jjbarnes@blm.gov.

North and Middle Forks of the American River BLM Lands Proposed for Withdrawal - CACA 52573


BUREAU OF LAND MANAGEMENT
 Mother Lode Field Office
 El Dorado Hills, California
 WFO-3101
 Date Proposed: 5/17/2014
 Project: NorthForkAmR_WDL_propMay2014

	Auburn Dam Project Boundary
	Lands to be Withdrawn
Agency	
	Bureau of Land Management
	Forest Service
	National Park Service
	Fish and Wildlife Service
	Bureau of Reclamation
	Bureau of Indian Affairs
	Department of Defense
	Other Federal
	State
	Local Government
	Unclassified



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**United States Department of the Interior
Bureau of Land Management
Mother Lode Field Office
5152 Hillsdale Circle
El Dorado Hills, CA 95762**

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CA-180.19

July 22, 2014

MEMORANDUM

To: Field Manager

From: James Barnes, Archaeologist

Re: Section 106 compliance for the proposed withdrawal of public domain lands on the Middle and North forks of the American River, Placer and El Dorado counties

The Mother Lode Field Office (BLM) proposes to withdraw 6,968.4 acres of public domain lands from settlement, sale, location, or entry under the general land laws, including the mining law, for a period of 20 years. The withdrawal of the subject lands would help assure long-term protection for the proposed Auburn Dam/Reservoir Project site on the North and Middle forks of the American River near Auburn.

I have reviewed the proposal, as laid out in NEPA environmental assessment number CA-180-14-41, and I am familiar with the existing cultural resources data for the undertaking's area of potential effect (APE). Much of the APE has been inventoried for cultural properties for various projects. By far the largest single effort was made by archaeologists during the 1960s and 1970s for the Auburn Dam project. This inventory effort is documented in a series of reports (many authored primarily by D. L. True) on file at the North Central Information Center at Sacramento State University and the Bureau of Reclamation's Mid-Pacific Region office at 2800 Cottage Way in Sacramento. Cultural properties have been identified within the APE.

It is my understanding that the proposed withdrawal would not cause any new ground disturbance and there would be no negative effects to cultural

properties, regardless of their National Register of Historic Places eligibility status.

On this basis, I have determined that the above-referenced undertaking may be treated as "exempt" under the provisions of Exemption B3 of the 2014 statewide Protocol Agreement. The permit would not authorize any surface disturbance and there is no potential to affect access to, or use of, resources used by Native American. This finding would complete BLM's obligations under Section 106 of the National Historic Preservation Act.

A handwritten signature in black ink, consisting of a stylized initial 'J' followed by a horizontal line and a cursive 'R'.

**United States Department of the Interior
Bureau of Land Management
Mother Lode Field Office
5152 Hillside Circle
El Dorado Hills, CA 95762**

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CA-180.19

July 22, 2014

LETTER TO FILE

SUBJECT: Section 106 compliance for the proposed withdrawal of public domain lands on the Middle and North forks of the American River, Placer and El Dorado counties

PROJECT NAME: Proposed withdrawal of public domain lands on the Middle and North forks of the American River
REPORT #: Multiple; no new inventory report

DATE(S) COMPLETED: July 22, 2014


TYPE OF INVENTORY: No new inventory
INVENTORIED ACRES: Undetermined; no new inventory
ACRES WITHIN APE: 6,968.4

CULTURAL PPROPERTIES PRESENT: Undetermined
ELIGIBLE PROPERTIES: Undetermined

FINDING/DETERMINATION OF EFFECT: Exemption B3

DISCUSSION: This letter to the file documents that I have reviewed the accompanying Memo and (if applicable) the above-listed Cultural Resource Inventory Report. Pursuant to the Protocol Agreement (2014) between BLM California State Director and the California and Nevada State Historic Preservation Officers, I affirm that all necessary steps have been taken to identify, record, and determine effects on historic properties with the undertaking's area of potential effects. This review has been completed by an approved staff specialist and is in accordance with all standards and guidelines as outlined in the Protocol Agreement (2014).

I concur in the finding of this analysis.



William S. Haigh, Field Manager

7-23-14

Date