

RECLAMATION

Managing Water in the West

Categorical Exclusion Checklist

Shasta County Water Agency – Keswick Water System Improvements


NCAO-CEC-13-10

Prepared by:  Date: 1/6/2014
Irene Hobbs
Realty Specialist
Northern California Area Office

Concurrence by: See Attachment 2 Date: Dec 5, 2013
Patricia Rivera
Native American Affairs Program Manager
Mid-Pacific Regional Office

Concurrence by: See Attachment 3 Date: Dec 12, 2013
William Soule
Archeologist
Mid-Pacific Regional Office

Concurrence by:  Date: 1/7/2014
Paul Zedonis
Natural Resource Specialist
Northern California Area Office

Approved by:  Date: 1-9-14
fp: Brian Person
Area Manager
Northern California Area Office



Proposed Action

Shasta County Department of Public Works (County) is requesting permission to make improvements to the Keswick Water System located on Reclamation owned land as authorized in Article 5(e) of the Original Agreement No. 14-06-200-1307A-BA and establishes the arrangement between the County and Reclamation. The project site is located in the Southeast quarter of Section 18, Township 32 North, Range 5 West, Mount Diablo Base Meridian (Figure 1).

The County is seeking State funding to make improvements to the existing Keswick Water Treatment facility located on Reclamation land to comply with current State water quality laws. The improvements on Reclamation land will consist of:

- Installation of two additional 5-foot diameter filters adjacent to the existing water treatment plant building complete with associated piping. Filters would be placed on a concrete pad measuring 8 feet by 18 feet located adjacent to the existing pad. Filter installation would require a ± 8-foot extension of the treatment plant building overhang.
- Complete replacement of the motor control center and SCADA (supervisory control and data acquisition) system, including installation of a programmable logic controller for backwash.
- Convert the existing 0.05 million gallon (MG) storage tank located next to water treatment plant into a backwash recycle tank eliminating the need for the existing backwash pond that is currently in non-compliance with state standards. The flocculation pipeline would be located roughly 200 feet northwest of the water treatment building, and would occupy an area approximately 100' x 50' in size. The flocculation pipe site has been disturbed in the past and currently supports a vegetative cover primarily consisting of young pines and manzanita.
- Replace the existing 32-foot-wide by 24-foot-tall, 0.15 MG storage tank with a new 60-foot-wide by 24-foot-tall, 0.50 MG welded steel tank. To allow for continued operation of the treatment facility during construction activities, a temporary pump station would be employed on-site until the new tank is available for service. The existing tank and associated concrete pad would be recycled locally. Placement of this the new tank will require an expansion of the existing easement from 65' x 65' to 80' x 80' footprint. Preparation of the land to receive the new tank will remove approximately 460 cubic yards of soil/rock, which would be removed from the site and disposed of in a lawful manner. Wastewater treatment plant improvements and tank construction would be completed in approximately nine months.
- As part of the Proposed Action, a suite of controls would be incorporated into the project design, as referenced in ENPLAN (2013), to avoid/minimize potential effects from the project to the environment as to assure compliance with local, Federal, and State agency requirements.



Figure 1. Location of facility improvements. See Attachment 1 for images of these facilities.

Exclusion Categories

Bureau of Reclamation Categorical Exclusion – 516 DM 14.5, C(3): Minor construction activities associated with authorized projects which correct unsatisfactory environmental conditions or which merely augment or supplement, or are enclosed within existing facilities; or D(10): Issuance of permits, licenses, easements and crossing agreements which provide right-of-way over Bureau of Reclamation lands where the action does not allow or lead to larger public or private action.

Extraordinary Circumstances

Below is an evaluation of the extraordinary circumstances as required in 43 CFR 46.215.

1. This action would have a significant effect on the quality of the human environment (40 CFR 1502.3). No Uncertain Yes

2. This action would have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources (NEPA Section 102(2)(E) and 43 CFR 46.215(c)). No Uncertain Yes
3. This action would have significant impacts on public health or safety (43 CFR 46.215(a)). No Uncertain Yes
4. This action would have significant impacts on such natural resources and unique geographical characteristics as historic or cultural resources; parks, recreation, and refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (EO 11990); flood plains (EO 11988); national monuments; migratory birds; and other ecologically significant or critical areas (43 CFR 46.215 (b)). No Uncertain Yes
5. This action would have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks (43 CFR 46.215(d)). No Uncertain Yes
6. This action would establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects (43 CFR 46.215 (e)). No Uncertain Yes
7. This action would have a direct relationship to other actions with individually insignificant but cumulatively significant environmental effects (43 CFR 46.215 (f)). No Uncertain Yes
8. This action would have significant impacts on properties listed, or eligible for listing, on the National Register of Historic Places as determined by Reclamation (LND 02-01; and 43 CFR 46.215 (g)). No Uncertain Yes
9. This action would have significant impacts on species listed, or proposed to be listed, on the List of Endangered or Threatened Species, or have significant impacts on designated critical habitat for these species (43 CFR 46.215 (h)). No Uncertain Yes
10. This action would violate a Federal, Tribal, State, or local law or requirement imposed for protection of the environment (43 CFR 46.215 (i)). No Uncertain Yes
11. This action would affect ITAs (512 DM 2, Policy Memorandum dated December 15, 1993). No Uncertain Yes

12. This action would have a disproportionately high and adverse effect on low income or minority populations (EO 12898; and 43 CFR 46.215 (j)). No Uncertain Yes
13. This action would limit access to, and ceremonial use of, Indian sacred sites on Federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (EO 13007; 43 CFR 46.215 (k); and 512 DM 3). No Uncertain Yes
14. This action would contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act; EO 13112; and 43 CFR 46.215 (l)). No Uncertain Yes

NEPA Action Recommended

CEC – This action is covered by the exclusion category and no extraordinary circumstances exist. The action is excluded from further documentation in an EA or EIS.

Further environmental review is required, and the following document should be prepared.

EA

EIS

Environmental commitments, explanations, and/or remarks:

The project will not have a significant influence on the environment because the Proposed Action incorporates a host of controls to alleviate these concerns.

References

ENPLAN. 2013. Proposed Negative Declaration and Environmental Initial Study. Shasta County Service Area No. 25 - Keswick Water System Improvement Project, Shasta County, California. Prepared for Shasta County Department of Public works, 1855 Placer Street, Redding, CA 96001

Attachment 1. Images of the project areas.



Existing wastewater treatment plant building. Roof overhang to be extended 8 feet to accommodate the additional filters (image from ENPLAN)



0.05 MG storage tank to be converted to a backwash tank (image from ENPLAN 2013)



0.15 MG storage tank (32-feet wide) to be replaced with a 0.50 MG steel tank (60 feet wide). (Image from ENPLAN 2013).

Attachment 2. ITA concurrence



ITA Review: NCAO CEC Keswick Water System Improvements 12/5/13

RIVERA, PATRICIA <privera@usbr.gov>

Thu, Dec 5, 2013 at 3:31 PM

To: "Zedonis, Paul" <pzedonis@usbr.gov>

Cc: Kristi Seabrook <kseabrook@usbr.gov>, Mary Williams <marywilliams@usbr.gov>, IRENE HOBBS <ihobbs@usbr.gov>

Paul,

I reviewed the proposed action to approve the Shasta County Department of Public Works' (County) request to make improvements to the Keswick Water System located on Reclamation owned land as authorized in Article 5(e) of the Original Agreement No. 14-06-200-1307A-BA and establishes the arrangement between the County and Reclamation.

The proposed action does not have a potential to impact Indian Trust Assets.

Patricia Rivera
Native American Affairs Program Manager
US Bureau of Reclamation
Mid-Pacific Region
2800 Sacramento, California 95825
(916) 978-5194

Kristi this is admin please log into database. thanks

Attachment 3. Cultural Resources Concurrence.



United States Department of the Interior

BUREAU OF RECLAMATION
Mid-Pacific Regional Office
2800 Cottage Way
Sacramento, CA 95825-1898

IN REPLY REFER TO:
MP-153
ENV-3.00

DEC 12 2013

CERTIFIED – RETURN RECEIPT REQUESTED

Dr. Carol Roland-Nawi
State Historic Preservation Officer
Office of Historic Preservation
1725 23rd Street, Suite 100
Sacramento, CA 95816

Subject: National Historic Preservation Act (NHPA), Section 106 Compliance for the Issuance of a Permit to the Shasta County Department of Public Works (SCDPW) for the Keswick Water System Improvements Project, Shasta County, California (13-NCAO-261)

Dear Dr. Roland-Nawi:

The Bureau of Reclamation is initiating NHPA Section 106 consultation and is seeking your concurrence on a finding of no historic properties affected for the issuance of a permit to the SCDPW to construct improvements to the Shasta County Service Area 25 Keswick Water System located on Reclamation land west of the community of Keswick (Figure 1). The issuance of a Federal permit constitutes an undertaking pursuant to Section 301(7) of the NHPA (16 U.S.C. 470), as amended, which requires compliance with Section 106 of the NHPA. Reclamation is consulting with you pursuant to the 36 CFR Part 800 regulations which implement Section 106 of the NHPA.

The project consists of proposed upgrades to the existing Keswick Water Treatment Facility including the installation of two additional water treatment filters on a concrete pad at the water treatment plant and an extension of the treatment plant overhang; replacing the existing motor control center with a Supervisory Control and Data Acquisition (SCADA) system; converting the existing 0.05 million gallon (MG) storage tank into a backwash recycle tank; relocating the flocculation pipeline 200 feet north-west of the water treatment building; and replacing the 0.15 MG storage tank with a new 0.50 MG storage tank. The placement of the larger storage tank will require the enlargement of the existing graded pad from a 65- by 65-foot to an 80- by 80-foot footprint.

The area of potential effects (APE) encompasses all locations for project activities with a collective total area of approximately 1.0 acre at three discontinuous locations (Figure 2). The APE is located in the SE¼ of Section 18 and the NE¼ of Section 19, T. 32 N, R. 05 W., Mount Diablo Baseline and Meridian as depicted on the Shasta Dam, California, and Redding, California 7.5' U.S. Geological Survey quadrangle maps. The vertical APE is not expected to exceed three feet below current grade.

In an effort to identify historic properties, ENPLAN (enclosed report: September, 2013) conducted a records search with the Northeast Information Center of the California Historical Resources Information System, additional literature and archival research, initial Native American contacts, and a pedestrian survey of the project APE on June 27, 2013. No cultural resources had been previously recorded in the APE and none were identified during the pedestrian survey. The existing Keswick Water Treatment Plant was constructed in 1985 and the 0.15 MG storage tank was constructed in 1987. The shallow depth of the proposed project upgrades (3 feet below grade), the limited project footprint, and the previous disturbance of the APE during the construction of the original water treatment facilities suggest a very low sensitivity for buried archaeological deposits.

Pursuant to the regulations at 36 CFR § 800.3(f)(2) Reclamation identified the Redding Rancheria, the Round Valley Indian Tribes of the Round Valley Rancheria, and the Pit River Tribe of California as federally recognized tribes who might attach religious and cultural significance to historic property in the APE. Reclamation sent letters to these tribes, pursuant to 36 CFR § 800.4(a)(4), inviting their participation in the Section 106 process and requesting their assistance in identifying cultural resources eligible for the National Register of Historic Places (National Register), sites of religious and cultural significance, and sites of a sacred nature pursuant to Executive Order 13007. Reclamation also identified the Nor-Rel-Muk Nation, Winnemem Wintu Tribe, the Wintu Tribe of Northern California, and the Wintu Educational and Cultural Council as Indian tribes and organizations who may have knowledge or concerns regarding historic properties in the APE. Pursuant to 36 CFR § 800.4(a)(3), Reclamation sent letters to these tribes and organizations requesting their assistance in the identification of sites which may be eligible for listing on the National Register. No responses have been received to date. Reclamation will work with these Indian tribes and organizations to address their concerns, should any arise, and will notify your office as appropriate.

Based on the above discussion and enclosed report, Reclamation finds the proposed undertaking will result in no historic properties affected in accordance with 36 CFR § 800.4(d)(1). We invite your comments on our delineation of the APE and the appropriateness of our identification efforts. We also request your concurrence on our finding of no historic properties affected. Please contact Mr. William Soule, Archaeologist, at 916-978-4694 and wsoule@usbr.gov if you have any questions, comments, or concerns regarding this project.

Sincerely,



Anastasia T. Leigh
Regional Environmental Officer

Enclosures: - 3 (have been remove due to redundancy)