

**FACILITY MANAGEMENT
PLAN**

**Five Year Update
October 2017**

**El Dorado Project
FERC Project No. 184**



**El Dorado Irrigation District
2890 Mosquito Road
Placerville, California 95667**

Table of Contents

1.0 BACKGROUND	1
1.1 GEOGRAPHIC SCOPE	1
2.0 INTRODUCTION.....	2
2.1 AGENCY CONSULTATION AND COORDINATION WITH OTHER MANAGEMENT PLANS	2
3.0 OVERVIEW OF BUILDINGS	2
3.1 TYPE AND SEASON OF USE.....	2
3.2 FERC PROJECT BOUNDARY	2
4.0 BUILDING CONDITIONS AND PLANNED MAINTENANCE.....	3
4.1 BUILDING CONDITIONS AND PLANNED MAINTENANCE.....	3
4.2 CAMP 1 AND CAMP 2 HOUSING COMPLEXES.....	3
4.3 BUILDING REPLACEMENT AND REMOVAL.....	4
5.0 RELATED RESOURCE MANAGEMENT ISSUES	4
5.1 GENERAL GUIDELINES.....	4
Table 1 – Matrix of Project-Related Buildings on NFS Lands.....	5
Table 2 Condition of Buildings	6
Table 3 Resource Management Near Project-Related Buildings on NFS Lands.....	8
Figure 1 - Camp 1 Site Plan	13
Figure 2 – Camp 2 Site Plan.....	14
6.0 REFERENCES.....	15
Appendix A: Figures A1 through A6	A-1
Appendix B: Updated 2017 Photographs of Buildings.....	B-1

1.0 BACKGROUND

The El Dorado Irrigation District (EID) owns and operates the El Dorado Hydroelectric Project (FERC No. 184, Project 184) which is situated on National Forest System (NFS) lands, administered by the United States Forest Service (Forest Service). Pursuant to section 4(e) of the Federal Power Act, the Forest Service provided the Federal Energy Regulatory Commission (FERC) with terms and conditions for inclusion in the Project 184 hydroelectric license. This Facility Management Plan (Plan) is designed in accordance with the FERC Order Issuing New License (License) dated October 18, 2006, Appendix A – Section 4(e) Condition No. 59 (Condition 59). In accordance with 4(e) Condition 59, this five year update includes a plan that identifies the maintenance, reconstruction, and removal needs of project facilities (see Table 4)

Condition 59 states:

“Condition No. 59 - Facility Management Plan

Within 1 year of license issuance, the licensee shall file with FERC a Facility Management Plan that is approved by the FS. The licensee shall implement the plan upon approval. At a minimum, the Plan shall:

- 1. Include a map showing all Project facilities, including structures on or affecting National Forest System lands (and associated water and septic systems, and other utilities); above and below ground storage tanks; etc.*
- 2. Identify the type and season of use of each structure.*
- 3. Identify the condition of each structure, and planned maintenance or removal.*

Once the plan is completed, adjustments to the Project boundary may need to be made to include some of the facilities.

Every 5 years, the licensee shall prepare a 5-year plan that will identify the maintenance, reconstruction, and removal needs for Project facilities. The licensee shall file the plan with FERC after approval by the FS.”

1.1 GEOGRAPHIC SCOPE

This Plan addresses buildings which are owned and maintained by EID as part of Project 184 operations. Project 184 is located on the South Fork of the American River (SFAR) and its tributaries in the counties of El Dorado, Alpine, and Amador, California. The project includes four storage reservoirs (Lake Aloha, Echo Lake, Silver Lake, and Caples Lake), water conveyance structures consisting of flumes and tunnels, a diversion dam on the SFAR, several smaller diversions on the tributaries to the SFAR, a forebay, a penstock, and a powerhouse. The scope of this Plan was determined in consultation with the Forest Service and it includes buildings over 40 square feet which are located within the jurisdiction of the Eldorado National Forest (ENF) and Lake Tahoe Basin Management Unit.

2.0 INTRODUCTION

Buildings serve a critical role in management and operation of Project 184 and they are used for a variety of purposes including; storage of maintenance and construction materials, warming sheds, control rooms to operate and protect equipment and housing allowing for year-round, on-site personnel. This Plan identifies the locations of buildings on NFS lands and associated utilities (water, septic, electric, and propane), type and season of use of those buildings and planned maintenance, reconstruction, and removal needs.

2.1 AGENCY CONSULTATION AND COORDINATION WITH OTHER MANAGEMENT PLANS

This Plan was prepared in consultation with the ENF. This Plan was also designed in coordination with other applicable management plans including; the Visual Resources Management Plan (Article 404), Plan for Prevention and Control of Noxious Weeds (Condition No. 44), the Transportation System Management Plan (Condition No. 57) and the Trails System Management Plan (Condition No. 58) of the License. Detailed descriptions of hazardous substances stored at various buildings are included in the Hazardous Substances Plan submitted in compliance with Condition No. 13.

3.0 OVERVIEW OF BUILDINGS

As required by Condition 59, Table 1 lists all buildings associated with Project 184 operations including administrative information about each building, type and season of use, and amount of use recorded by week, month or year. Appendix A, Figures A-1 through A-6, show the locations of Project 184 buildings addressed in this Plan including the locations of fly-in and drive-in propane tanks which are used to fuel generators that supply power to alarms indicating water levels in the canal. Appendix B includes photographs of all buildings described in this Plan.

3.1 TYPE AND SEASON OF USE

Season of use is divided into summer and winter. Summer months generally include May or June through October 15, depending on elevation. Correspondingly, winter months generally begin in mid-October and end by May or June. Some of the Project buildings located above the 4,000 foot elevation are closed during the winter months through May due to snow.

3.2 FERC PROJECT BOUNDARY

All project-related buildings are located within the FERC license boundary

4.0 BUILDING CONDITIONS AND PLANNED MAINTENANCE

This section describes ongoing management, current condition, and five-year maintenance plans for Project 184 buildings with a more detailed discussion of Camp 1 and Camp 2 housing complexes.

4.1 BUILDING CONDITIONS AND PLANNED MAINTENANCE

Project 184 buildings are patrolled regularly as part of routine operations. The powerhouse is visited almost daily and control rooms such as Echo Lake and Caples Lake are visited routinely as part of Project operations. The entire length of the approximately 22-mile El Dorado Canal (Canal) is patrolled on average twice weekly with more frequent inspections during winter months. All buildings associated with the Canal including warming sheds, boat houses (used as storage sheds), and trash rack facilities (e.g., alder siphon and plum creek siphon house) are observed as part of regular inspections of the Canal and siphons. Similarly, the entire length of the penstock is patrolled at least once per month and buildings located in the vicinity of the penstock, such as the lower butterfly valve house and the water tank shed, are observed as part of the penstock inspections.

In addition to routine observations, more detailed inspections of Project 184 buildings and foundations are conducted biannually. Annual maintenance needs and building repairs are identified as part of biannual inspections.

From October 2007 to January 2008, building data such as; size, construction materials, color, and fire clearance was collected at all Project 184 buildings on NFS lands. In addition to in-field data collection, a detailed review of building photographs was conducted in consultation with the Forest Service on January 16, 2008. The objective of this review was to ensure that Project 184 buildings blend in with the natural environment to the greatest extent possible. Table 2 provides a summary of the data collected at Project 184 buildings.

4.2 CAMP 1 AND CAMP 2 HOUSING COMPLEXES

The Camp 1 and Camp 2 housing complexes are critical to safe operation of Project 184. These complexes allow year-round, on-site personnel to live in remote areas of Project 184 and in close vicinity to trash rack facilities at Alder and Plum Creek siphon houses. The trash racks require regular inspections to prevent debris from accumulating and potentially causing blockages in the Canal. Regular inspections of the trash racks are especially critical during high wind events, storms, and emergency situations.

The Camp 1 and Camp 2 housing complexes each include a main house, water treatment facility, septic system, propane generator and associated storage sheds. On December 6, 2007, a detailed inspection of the Camp 1 and Camp 2 housing complexes was conducted with the Forest Service. Table 2 summarizes agreements made concerning planned maintenance at these facilities.

Figures 1 and 2 provide site plans displaying the relative locations of the main house and associated utilities and buildings at the Camp 1 and Camp 2 complexes.

4.3 BUILDING REPLACEMENT AND REMOVAL

The plans for upgrades or removal of the water tank shed, and a housing structure north of the powerhouse will be submitted within two year and will be implemented by 2017.

The Spillway 23 Generator House, which is currently located on the canal bench south of Flume 41, will be removed when Flume 41 is replaced and the generator will be relocated to a new building on the canal bench north of Flume 41. The Spillway 23 structure that houses the spillway substructure, electrical and communication equipment, level sensors, and hydraulic equipment will also be replaced when Flume 41 is replaced; this building will also serve as a warming shed.

Table 4 provides an update to the five-year plan for maintenance and reconstruction.

5.0 RELATED RESOURCE MANAGEMENT ISSUES

Planned and future maintenance of Project 184 buildings may require coordination with other resource management plans and compliance with State and federal environmental regulations. Table 3 provides background information regarding visual resource management guidelines based on the Eldorado National Forest Land and Resource Management Plan (1988) and the status of historic resource evaluations of Project 184 buildings. This information is included in order to provide a general reference guide. Further consultation with resource specialists may be required prior to implementation of scheduled maintenance, upgrades and/or removal of buildings.

Buildings should be re-evaluated in the event of a wildfire or other natural disaster (e.g., landslide) that denudes the landscape of vegetation to determine visibility from managed viewsheds.

5.1 GENERAL GUIDELINES

The following bullet list provides general guidelines regarding maintenance of Project 184 buildings based on consultation with the Forest Service:

- Prior to conducting exterior painting or maintenance that could result in changes to the visual appearance of a building, submit a brief proposal to the Forest Service to obtain approval on proposed changes (e.g., paint color).
- Place equipment in storage sheds and keep exterior of buildings free of debris (e.g., avoid boneyards).

Table 1 – Matrix of Project-Related Buildings on NFS Lands

Building Name	Approximate Square Footage	Jurisdiction*	Type of Use	Average Summer Use	Average Winter Use	Locked (y/n)	Authorized by FERC License (y/n)	Figure Reference (Appendix A)	Photo Reference (Appendix B)
ECHO LAKE									
Echo Lake Control Room	50	LTBMU	Houses equipment to monitor lake levels.	4 visits/week	1 visit/month	yes	yes	A-1	B1
CAPLES LAKE									
Stop Log Storage Bins	112	ENF	Five storage bins total over 40 square feet used to store spillway stop logs/boards.	1 visit/week	none	yes	yes	A-2	B4
Caples Lake Control Room	96	ENF	Houses equipment to monitor lake levels.	2 visits/week	2 visits/week	yes	yes	A-2	B5
EL DORADO CANAL									
Warming shed east of Spillway 7	144	ENF	Warming shed with wood stove. Also used to store supplies for maintenance.	As needed about 2 weeks/year	2 visits/month	yes	yes	A-3	B6
Spillway 10 Building	80	ENF	Spillway 10 control room.	none	2 visits/month	yes	yes	A-3	B7
Spillway 10 Warming Shed	252	ENF	Ice breaking facility with wood stove.	1 visit/year	1 visit/year	yes	yes	A-3	B8
Alder Siphon Building	1050	ENF	Houses floating debris racks to stop debris from entering the siphon (trash racks).	none	2 visits/week	yes	yes	A-3	B9
Camp 1 House	1600	ENF	Year-round home for EID employee.	daily	daily	yes	yes	A-3	B10
Spillway 20	600	ENF	Controls spillway at western portal of the MTB tunnel.	daily	1 visit/week	yes	yes	A-4	B11
Spillway 20A Boat House	160	ENF	Houses electrical equipment. Can be used as a warming shed.	1 visit/week	1 visit/week	yes	yes	A-4	B12
Spillway 20A Warming Shed	120	ENF	Warming shed with wood stove.	1 visit/week	1 visit/week	yes	yes	A-4	B13
Plum Creek Siphon House	1050	ENF	Houses floating debris racks to stop debris from entering the siphon (trash racks). Propane generator and tank.	2 visits/week	2 visits/week	yes	yes	A-4	B14
Camp 2 House	720	ENF	Year-round home for EID employee.	daily	daily	yes	yes	A-4	B15
Spillway 23 Generator House	100	ENF	Used to re-charge batteries for Spillway 23. Includes propane generator.	1 visit/week	1 visit/week	yes	yes	A-4	B16
Rock Crusher Storage Shed	64	ENF	Warming shed with wood stove.	none	2 visits/year	no	yes	A-4	B17
John Roy's Boat House/Warming Shed	144	ENF	Warming shed (shelter only, no equipment).	none	2 visits/year	no	yes	A-5	B18
Lower Butterfly Valve House	400	ENF	Houses butterfly valves that shut off penstock. Safety system.	2 visits/week	2 visits/week	yes	yes	A-6	B19
Winch House Near Surge Chamber	522	ENF	Used to store winch for cable car.	none	none	yes	yes	A-6	B20
Water Tank Shed	260	ENF	Small redwood tank with abandoned water system.	none	none	yes	yes	A-6	B21
Powerhouse	7,260	ENF	Houses generation facilities.	daily	daily	yes	yes	A-6	B22
Redwood Shack	400	ENF	Storage	1/yr	1/yr	yes	yes	A-6	B24

*Lake Tahoe Basin Management Unit (LTBMU), Eldorado National Forest (ENF)

Table 2 Condition of Buildings

Building Name	Estimated Date of Original Construction	Visibility to Public (High, Moderate, Low)	Building Type	Approx. Building Dimensions (by foot)	Nearby Vegetation Type	Building Construction Type (wood, concrete, block)	Color of Building	Needs Painting (yes/no)	Roofing Type	Condition of Windows and Doors	Driveway Material	Fire Protection (defensible space/vegetation clearance)
ECHO LAKE												
Echo Control Room	1980s	High	Control room	8 x 8	Native	Wood	Wood Tone	No	Metal	Good	Black Top	Clear - 100 feet
CAPLES LAKE												
Stop Log Storage Bins	2007	High	Storage	7 x 4 each	Native	Metal	Black	No	Metal	Good	Hwy 88	Clear -100 feet
Caples Control Room	1980s	High	Control room	11 x 16	Native	Concrete Block	Lt. Brown	No	Metal	Good	Hwy 88	Clear - 100 feet
EL DORADO CANAL												
Warming shed east of Spillway 7	1992	Moderate (visible from Highway 50)	Shed	12 x 12	Native	Concrete/Tin	Brown	No	Metal	Good	NA	Clear - 100 feet
Spillway 10 Building	2011	Low	Shed	10 x 8	Native	Tin	Brown	No	Tin	Satisfactory	NA	NA
Spillway 10 Warming Shed	2011	Low	Shed	18 x 14	Native	Tin	Brown	No	Tin	Satisfactory	NA	Clear - 100 feet
Camp 1 House and Associated Buildings	Mid 60s	Moderate	House	40 x 40	Native with some non-native Landscape	Wood	Greenish/ Yellow	No	Composite/asphalt shingles	Satisfactory	Dirt	Clear- 100 feet
Alder Siphon Building	1920s	High (visible from Highway 50)	Shed	30 x 35	Native	Wood	Brown	Yes	Tin	Satisfactory	Dirt	Clear- 20 feet
Spillway 20	2004	Low	Spillway	10 x 20	Native	Masonry	Light Brown	No	Metal	Good	NA	Clear- 20 feet
Spillway 20A Warming Shed	1980s	Low	Shed	10 x 12	Native	Wood	Tin	No	Tin	Poor	NA	Clear- 20 feet
Spillway 20A Boat House	1965-75	Low	Shed	10 x 16	Native	Wood frame/tin	Tin	No	Tin	Poor	NA	Clear- 20 feet
Plum Creek Siphon House	1920s	Low	Shed	30 x 35	Native	Wood frame/tin	Brown	No	Wood	Satisfactory	Dirt	Clear- 20 feet

Table 2 Condition of Buildings

Building Name	Estimated Date of Original Construction	Visibility to Public (High, Moderate, Low)	Building Type	Approx. Building Dimensions (by foot)	Nearby Vegetation Type	Building Construction Type (wood, concrete, block)	Color of Building	Needs Painting (yes/no)	Roofing Type	Condition of Windows and Doors	Driveway Material	Fire Protection (defensible space/vegetation clearance)
Camp 2 House and Associated Buildings	Early 90s	Low	House	30 x 24	Native with some non-native Landscape	Wood	Brown	No	Composite/asphalt shingles	Satisfactory	NA	Clear - 100 feet
John Roy's Boathouse/Warming Shed	1965-75	Low	Shed	18 x 8	Native	Wood frame/tin	Tin	Door	Tin	Satisfactory	NA	Clear- 20 feet
Generator House at Spillway 23	2017	Low	Shed	10x10	Native	Wood	Wood Tone	No	Plywood	Satisfactory	NA	Clear- 20 feet
Lower Butterfly Valve House	1920s	Low	Shed	20 x 20	Native	Concrete/tin	Beige/green	Door	Tin	Satisfactory	NA	Clear- 20 feet
Winch House Near Surge Chamber	1920s	Low	Shed	18 x 29	Native	Wood frame/tin	Dark green	No	Tin	Satisfactory	NA	Clear- 20 feet
Water Tank Shed	1920s	Low	Shed	10 x 26	Native	Wood frame/tin	Dark green	No	Tin	Poor	NA	Clear- 20 feet
Powerhouse	1920s	Low	Building	110 x 66	Native	Concrete	Beige	No	Concrete	Good	Concrete	Clear- 50 to 100 feet
Redwood Shack	1965-75	Low	Shed	20 x 20	Native	Wood	Wood	No	Tin	NA	NA	Clear- 20 feet

Table 3 Resource Management Near Project-Related Buildings on NFS Lands

Building Name	Estimated Date of Construction	Visual Sensitivity Levels (1 or 2*)	Visual Quality Objectives	Potentially Affected Viewshed	Visibility Distance Zone	Visibility	Has this property been evaluated for eligibility in the NRHP*?
ECHO LAKE							
Echo Lake Control Room	1980s	1 Viewshed	Retention	Echo Lake/ PCT	Foreground	Visible	N/A
CAPLES LAKE							
Stop Log Storage Bins	2007	1 Viewshed	Retention	Hwy 88/Caples Lake	Foreground	Visible	N/A
Caples Lake Control Room	1980s	1 Viewshed	Retention	Hwy 88/Caples Lake	Foreground	Visible	N/A
EL DORADO CANAL							
Warming Shed East of Spillway 7	1992	1 Viewshed	Retention	Hwy 50/SFAR	Foreground	Somewhat visible	N/A
Spillway 10 and Spillway 10 Building	2011	1 Viewshed	Retention	Hwy 50/SFAR	Foreground	Not visible	N/A
Spillway 10 Warming Shed	2011	1 Viewshed	Retention	Hwy 50/SFAR	Foreground	Not visible	N/A
Alder Siphon Building	1920s	1 Viewshed	Retention	Hwy 50/SFAR	Foreground	Visible	Not Evaluated
Camp 1 House	1960s	1 Viewshed	Retention	Hwy 50/SFAR	Foreground	Somewhat visible	Not Evaluated
Spillway 20	2004	1 Viewshed	Retention	Hwy 50/SFAR/ Ice House Road	Middleground	Not visible	N/A
Spillway 20A Boat House	1964	1 Viewshed	Retention	Hwy 50/SFAR/ Ice House Road	Middleground	Not visible	N/A
Spillway 20A Warming Shed	1965-75	1 Viewshed	Retention	Hwy 50/SFAR/ Ice House Road	Middleground	Not visible	Not Evaluated
Plum Creek Siphon House	1920s	1 Viewshed	Retention	Hwy 50/SFAR/ Ice House Road	Middleground	Not visible	Not Evaluated
Camp 2 House	1990s	1 Viewshed	Retention	Hwy 50/SFAR/ Ice House Road	Middleground	Not visible	(not eligible)
John Roy's Boathouse/Warming Shed	1964	1 Viewshed	Partial Retention	Hwy 50/Community Views	Middleground	Not visible	N/A
Generator House at Spillway 23	2017	1 Viewshed	Retention	Hwy 50/SFAR	Middleground	Not visible	N/A
Lower Butterfly Valve House	1920s	1 Viewshed	Modification	SFAR	No managed viewshed	Not visible	Not Evaluated
Winch House Near Surge Chamber	1920s	1 Viewshed	Modification	SFAR	No managed viewshed	Not visible	Not Evaluated
Water Tank Shed	1920s	1 Viewshed	Retention	SFAR	Foreground	Not visible	Not Evaluated
Powerhouse	1920s	1 Viewshed	Retention	SFAR	Foreground	Not visible	Not Evaluated
Redwood Shack	1960s	1 Viewshed	Retention	SFAR	Foreground	Not visible	Not Evaluated

*NHRP = National Register of Historic Places NA = Not Applicable

Table 4 Updated Five Year Maintenance, Reconstruction and Removal Plan (Planned Work Items through 2022)

Building Name	Figure Reference (Appendix A)	Photo Reference (Appendix B)	Ongoing Maintenance, Reconstruction and Removal of Project 184 Buildings*	Implementation Schedule	Status
ECHO LAKE					
Echo Control Room	A-1	B1			Ongoing Maintenance
CAPLES LAKE					
Stop Log Storage Bins	A-2	B4			Ongoing Maintenance
Caples Control Room	A-2	B5	Modify solar panel configuration.	2018	Ongoing Maintenance
EL DORADO CANAL					
Warming shed east of Spillway 7	A-3	B6			Ongoing Maintenance
Spillway 10 warming shed and Spillway 10 building	A-3	B7 and B8			Ongoing Maintenance
Camp 1 House and Associated Buildings (See Figure 1 for detailed site plan of Camp 1 complex)	A-3	B9			Ongoing Maintenance
Alder Siphon Building	A-3	B10			Ongoing Maintenance
Spillway 20	A-4	B11			Ongoing Maintenance
Spillway 20A Warming Shed	A-4	B13			EID to maintain for project use. Staff will perform annual maintenance as needed.

Building Name	Figure Reference (Appendix A)	Photo Reference (Appendix B)	Ongoing Maintenance, Reconstruction and Removal of Project 184 Buildings*	Implementation Schedule	Status
Spillway 20A Boat House	A-4	B12			EID to maintain for project use.
Plum Creek Siphon House	A-4	B14			Ongoing Maintenance
Camp 2 House and Associated Buildings (See Figure 2 for detailed Site Plan of Camp 2 Complex).	A-4	B15			Ongoing Maintenance
John Roy's Boat House/Warming Shed	A-5	B18			Ongoing Maintenance
Lower Butterfly Valve House	A-6	B19			Ongoing Maintenance
Winch House Near Surge Chamber	A-6	B20			EID to maintain for project use..
Water Tank Shed	A-6	B21			EID to maintain for project use.
Powerhouse	A-6	B22			Ongoing Maintenance
Redwood Shack	A-6	B24			Ongoing Maintenance

Table 5 Work Completed As Described in the 2012 Updated Five Year Maintenance, Reconstruction and Removal Plan

Building Name	Figure Reference (Appendix A)	Photo Reference (Appendix B)	Maintenance, Reconstruction and Removal of Project 184 Buildings* (Described in 2012 Update)	Implementation Schedule	Status
ECHO LAKE					
Echo Control Room	A-1	B1	Re-stain exterior of building	2016	All work completed
EL DORADO CANAL					
Camp 1 House and Associated Buildings (See Figure 1 for detailed site plan of Camp 1 complex)	A-3	B9	Clear brush and specified trees to maintain 100-foot clearance around all structures. per in-field inspection with USFS conducted on 12/6/2007. Re-stain siding on main house. Remaining work to be completed when bridge is installed.		All work completed
Camp 2 House and Associated Buildings (See Figure 2 for detailed Site Plan of Camp 2 Complex).	A-4	B15	Clear brush and specified trees to maintain 100-foot clearance around all structures per in-field inspection with USFS conducted on 12/6/2007. Re-stain siding on main house. Remaining work to be completed when bridge is installed.	2017	All work completed.
Spillway 23 Generator House	A-4	B-16	Plan to remove this structure as part of Rock Crusher Road/Flume 41 Replacement Project; the generator will be relocated to a new building to be located on the canal bench north of Flume 41 The Spillway 23 structure that houses the spillway substructure, electrical and communication equipment, level sensors, and hydraulic equipment will also be replaced when Flume 41 is replaced; this building will also serve as a warming shed.	2013	Generator House was removed and generator relocated; Spillway structure was reconstructed in 2014.

Building Name	Figure Reference (Appendix A)	Photo Reference (Appendix B)	Maintenance, Reconstruction and Removal of Project 184 Buildings* (Described in 2012 Update)	Implementation Schedule	Status
Rock Crusher Storage Shed	A-4	B17	Plan to remove this building as part of Rock Crusher Road / Flume 41 Replacement Project	2013	All work completed
Structure North Side of SFAR across from powerhouse	A-6	B23	Plan for removal within 2 years; with a 3-4 year design/permitting/demolition phase to follow.	Within 5 Years	This building was burned in the King Fire in 2014. EID remediated the site by cleaning up ash and remaining debris. Work completed.

Figure 1 - Camp 1 Site Plan

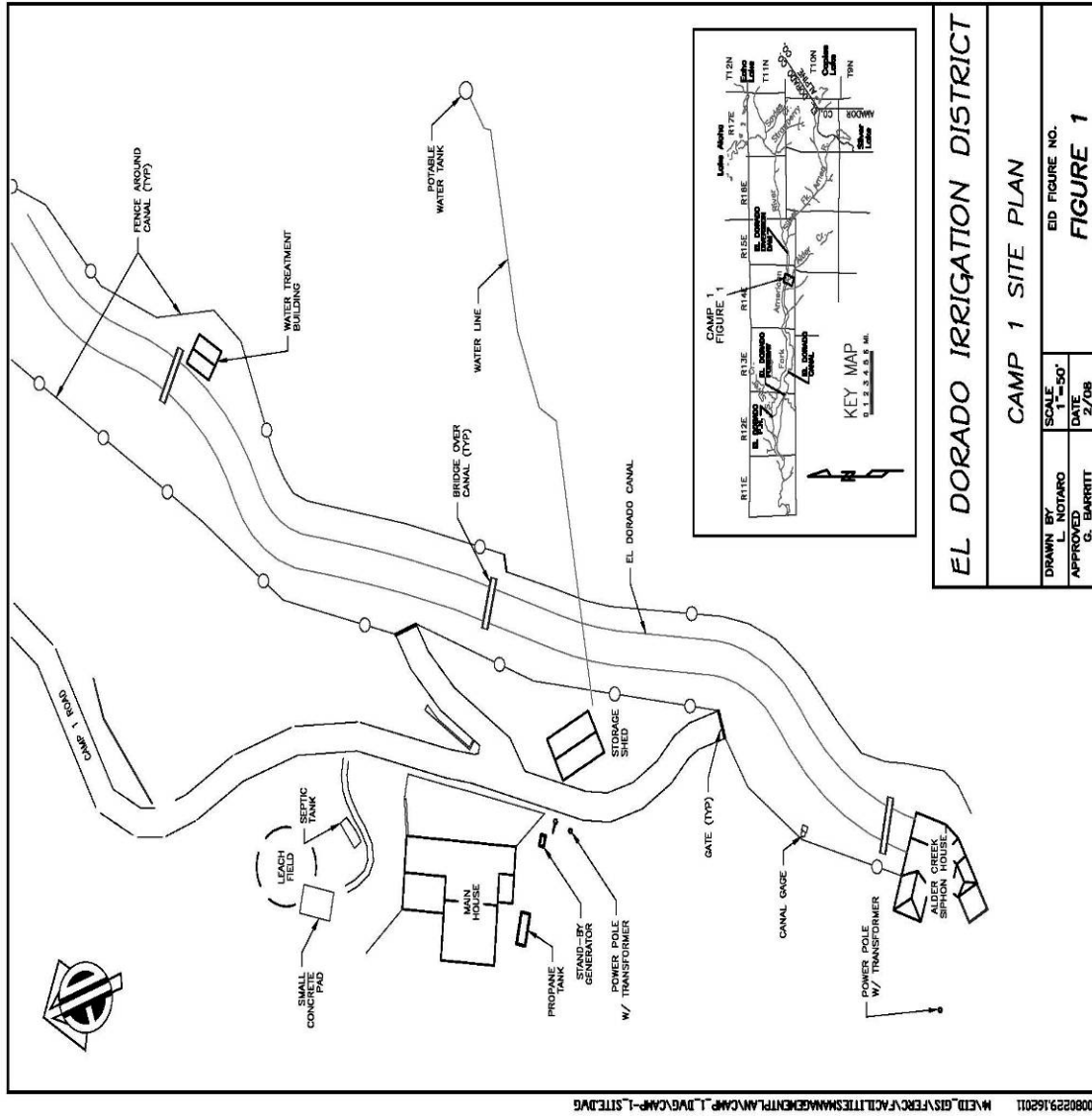
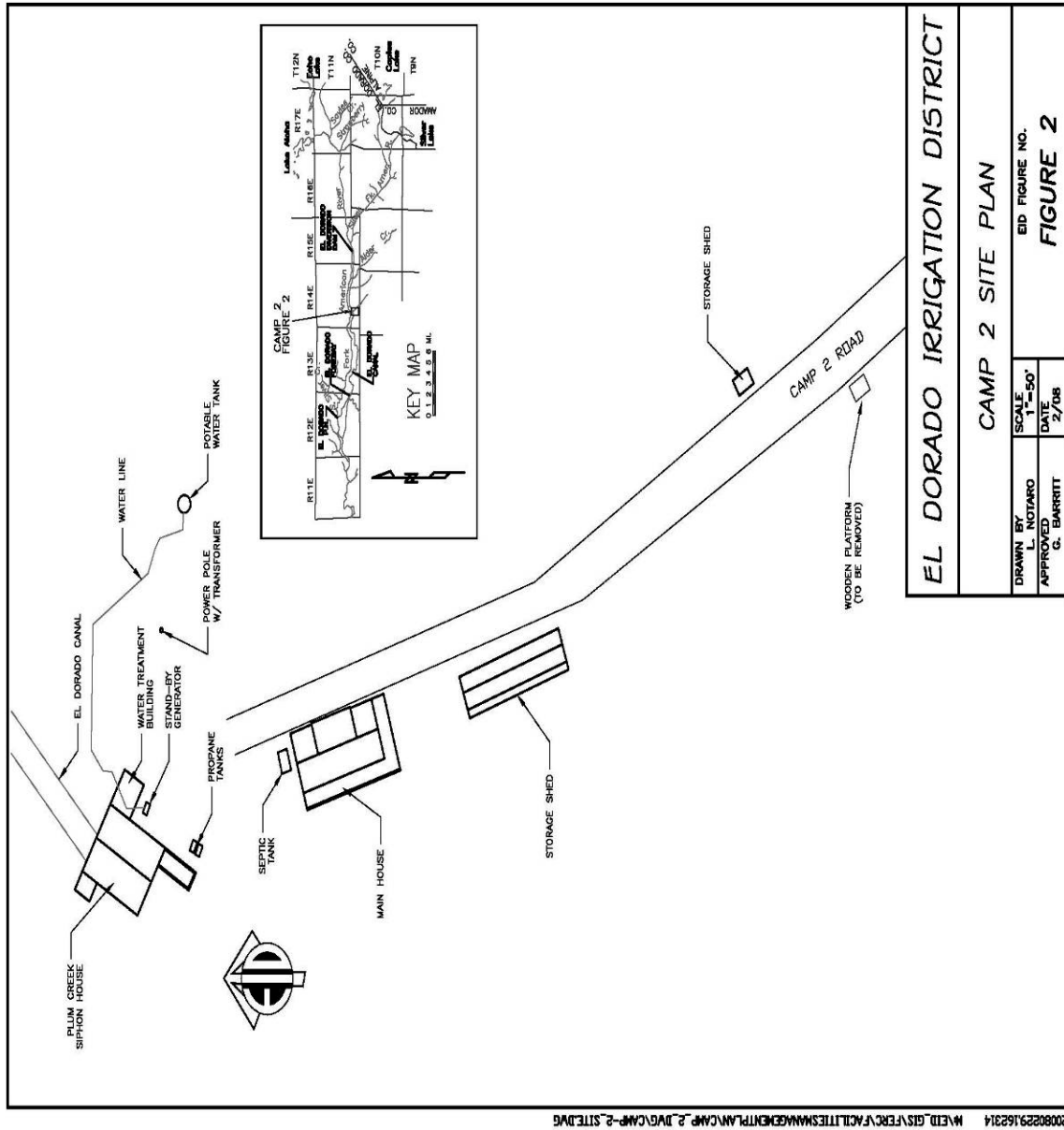


Figure 2 – Camp 2 Site Plan



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6.0 REFERENCES

El Dorado Irrigation District. 2003. El Dorado Project FERC Project No. 184. *El Dorado Relicensing Settlement Agreement*.

Eldorado National Forest. 1988. *Land and Resource Management Plan*. United States Department of Agriculture: Pacific Southwest Region.

Appendix A: Figures A1 through A6

**Maps Showing Locations
of Project 184 Buildings and Propane Generators**

Insert Figure A-1

Insert Figure A-2

Insert Figure A-3

Insert Figure A-4

Insert Figure A-5

Insert Figure A-6

Appendix B: Updated 2017 Photographs of Buildings



Photo B1 – Echo Lake Control Room (updated)



Photo B2 – Caples House (Removed in 2009)



Photo B3 – Caples Quonset Hut (Removed in 2009)



Photo B4 – Stop Log Storage Bins



Photo B5 – Caples Control Room



Photo B6 – Warming Shed East of Spillway 7



Photo B7 – Spillway 10 Boat House (Removed in 2011)



Photo B7 – Spillway 10 Storage Shed (updated)



Photo B8 – Spillway 10 Building (updated)



Photo B9 – Camp 1 House (updated)



Photo B10 – Alder Siphon House (updated)



Photo B11 – Spillway 20



Photo B12 – Spillway 20 Boat House



Photo B13 – Spillway 20 Warming Shed



Photo B14 – Plum Creek Siphon House



Photo B15 – Camp 2 House



Photo B16 – Spillway 23 Generator House (Removed in 2014)



Photo B16a – Spillway 23 Generator House



Photo B17 – Rock Crusher Storage Shed (Removed in 2013)



Photo B18 – John Roy's Boat House



Photo B19 – Lower Butterfly Valve House



Photo B20 – Winch House Near Surge Chamber



Photo B21 – Water Tank Shed



Photo B22 – El Dorado Powerhouse



Photo B23 – Structure North of Powerhouse (Removed/burned in September 2014)



Photo B24 – Redwood Shack