



FERC Project 184

2023 Annual Review of Ecological Conditions

4(e) Conditions 45 and 62; WQC Condition 18

License Condition		Project Description	EID Contact	Agency Contact	Comments
4e	WQC				
35	6	Oyster Creek Stabilization	Baron	FS - Parr SWRCB - Meyer	Construction completed in fall 2019. Year three monitoring conducted in 2022. Maintenance activities (e.g. willow planting) performed in fall 2022.
37	13	Adaptive Management Monitoring Program	Deason	FS - Parr SWRCB - Meyer	2023 is year 17 of license implementation. Monitoring completed in 2022 includes water temperature, rainbow trout, macroinvertebrates, riparian composition and recruitment, Sierra Nevada yellow-legged frog.
37.8	14	Water Temperature Monitoring	Venable	FS - Parr SWRCB - Meyer	EID plans to continue monitoring at 4 additional locations along Silver Fork Am River and Caples Creek in 2023 (T26, T29, T30, and T31)
38.4b	5	Caples Spillway Channel Stabilization	Delongchamp Venable	FS - Parr SWRCB - Meyer	Construction completed in 2020. Year two post-project monitoring completed in 2022. Revegetation work scheduled for spring 2023 in portions of the lower restoration site to replace plantings burned in the Caldor fire.
41		Preferred Canal Drainage Structure and Release Point Plan	Mutschler Deason	FS - Rogers	Spillway assessment conducted in 2021. EID to provide proposed plan revisions to modify spillway classifications for FS review in 2023.
44		Noxious Weed Monitoring	Venable	FS - Brown	Surveys to be conducted at areas where high priority species have been observed and where ground disturbance occurred in 2022. Treatments to focus on leading edge occurrences of high priority species



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47		Recreation Survey	Certiberi	FS - Parr	Recreation survey data collection scheduled for May - September 2023
50.1		Silver Lake East Campground	Delongchamp Venable	FS - Parr	Construction of campground improvements completed in 2020. Time extension approved to complete water system in 2023. Design drawings to FS for review in March 2023. Award construction contract in May and complete construction by October 18, 2023.
57		Transportation System Management Plan	Deason	FS - Parr	Plan update in 2023; 5-year maintenance and reconstruction needs
58		Trails Management Plan	Deason	FS - Parr	Plan update in 2023; 5-year maintenance and reconstruction needs
59		Facility Management Plan	Deason	FS - Parr	Plan update in 2023; 5-year maintenance, reconstruction, and removal needs



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2023 Annual Operations and Maintenance 4(e) Conditions 45 and 62; WQC Condition 18)

Work Type	Project Description	EID Contact	FS Contact	Comments
O&M	Canal Maintenance Outage Schedule	Mutschler	Rogers	Outage planned to start early October 1; duration will depend on maintenance needs and hydrologic conditions
O&M	Flumes 4, 5, and 6 Emergency Repairs	Mutschler Baron	Rogers	Flumes 4, 5, and 6 damaged or destroyed due to the Caldor Fire. Emergency repairs completed in 2022.
O&M	Flume 30 Replacement	Mutschler	Rogers	Flume 30 destroyed due to the Caldor Fire. Emergency repairs completed in 2022.
O&M	Wildlife fencing and crossings	Heape	Rogers	Repair or reconstruct wildlife crossings damaged by the Caldor Fire. Repair or reinstall wildlife fencing that was fire damaged or needed to be removed to facilitate hazard tree falling, flume replacement, and other fire remediation activities. Work to be completed in 2023.
O&M	Post-fire stabilization activities	Kessler	Rogers	Remediation activities in response to Caldor Fire effects along the Canal. Activities include stabilizing slopes above and below the canal, revegetation and reinstallation of erosion control measures, and mitigating rock fall hazards. Work completed in 2022.
O&M	Post-fire hazard tree falling	Venable	Speering	Falling fire-affected hazard trees along the Canal and project access roads. Work completed in 2022.
O&M	Powerhouse penstock access stairway and drainage improvements	Kessler	Rogers	Install stairway for safe access to the penstock above the Powerhouse and correct drainage issues along the penstock; work schedule TBD.
O&M	Flume 45 Abutment Section	Dawson Baron	Rogers	Project involves replacing 100 foot of elevated wooden flume with concrete canal; construction initiated in October 2022 outage; work ongoing into March 2023.



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O&M	Flume 45 Section 3	Money Baron	Rogers	Project involves replacing 940 feet of wooden flume with concrete conveyance structures (e.g. canal, box culvert, or trapezoidal flume); design and environmental review planned to start in 2023; consultation required for potential impacts to historic rock wall
O&M	Lettered Flumes Replacement	Carrington Baron	Rogers	Project involves replacing 4 different wooden flumes with concrete conveyance structures (e.g. canal, box culvert, or trapezoidal flume). Construction for Flume 47A planned for 2023; construction for 45A, 46A, and 47B would be staggered with one or two flumes being replaced annually.
O&M	Silver Lake Dam Replacement	Kessler Venable	Parr	Preliminary design initiated in 2022; geotechnical / subsurface investigations completed in 2022. Lakebed sampling planned for 2023. Environmental review anticipated to begin in 2023. Construction in 2027.



El Dorado Irrigation District 2023 Contact List

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