

Tables

Table J-1. Vegetation and Pest Management Activities and Known Occurrences of Riparian Conservation Areas at Project Facilities, Project Recreation Facilities, and New Betterment Facilities where Vegetations and Pest Management is Implemented.

TABLES

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	USDA-FS – ENF or TNF	Vegetation Management				Pest Management		USDA-FS Land Allocations
		Trimming by Hand	Trimming with Equipment	Herbicide Use	Fungicide Use	Rodent Control		Riparian Conservation Areas (RCAs) ¹
						Physical Control	Fumigants	
Project Facilities								
Dams Reservoirs, and Diversion Pools								
Large Dams								
French Meadows Dam and Outlet Works	TNF	A		A			X	X
Hell Hole Dam and Outlet Works	ENF	A		A			X	X
Medium Dams								
Middle Fork Interbay Dam	TNF	A					X	X
Ralston Afterbay Dam	TNF	A					X	X
Small Dams								
Duncan Creek Diversion Dam	TNF	A						X
North Fork Long Canyon Diversion Dam	ENF	A						X
South Fork Long Canyon Diversion Dam	ENF	A						X
Small Diversion Pools								
Duncan Creek Diversion Pool	TNF	A						X
North Fork Long Canyon Diversion Pool	ENF	A						X
South Fork Long Canyon Diversion Pool	ENF	A						X
Water Conveyance Systems								
Diversion Pipes and Drop Inlets								
North Fork Long Canyon Diversion Pipe and Drop Inlet	ENF	A						X
South Fork Long Canyon Diversion Pipe and Drop Inlet	ENF	A						X
Surge Shafts and Adits								
Brushy Canyon Adit		A						X
Removable Sections and Portals								
Duncan Creek - Middle Fork Tunnel Portal	TNF	A						X
North Fork Long Canyon Crossing Removable Section	ENF	A						X
Intakes and Gatehouses								
Duncan Creek - Middle Fork Tunnel Intake	TNF	A						X
French Meadows - Hell Hole Tunnel Gatehouse	TNF	A						X
French Meadows - Hell Hole Tunnel Intake	TNF	A						X
Hell Hole - Middle Fork Tunnel Gatehouse	ENF	A						X
Hell Hole - Middle Fork Tunnel Intake	ENF	A						X
Middle Fork - Ralston Tunnel Intake and Gatehouse	ENF	A						X
Ralston - Oxbow Tunnel Intake	TNF	A						X
Penstocks and Valve Houses								
French Meadows Powerhouse Penstock and Butterfly Valve House	TNF	A		A				X
Middle Fork Powerhouse Penstock and Butterfly Valve House	ENF	A		A				X
Ralston Powerhouse Penstock and Butterfly Valve House	ENF	A		A				X

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		Trimming by Hand	Trimming with Equipment	Herbicide Use	Fungicide Use	Physical Control	Fumigants	Riparian Conservation Areas (RCAs) ¹
Water Conveyance Systems (continued)								
Powerhouses, Switchyards, and Substations								
French Meadows Powerhouse and Switchyard	TNF	A		A		X		X
Hell Hole Powerhouse	ENF	A				X		X
Middle Fork Powerhouse and Upper and Lower Switchyards	ENF	A		A		X		X
Ralston Powerhouse and Switchyard	ENF	A		A		X		X
Oxbow Powerhouse and Switchyard	TNF	A		A		X		X
Hell Hole Substation	ENF	A				X		X
Gaging Stations and Weirs								
Stream Gages and Weirs								
Duncan Creek Gage and Weir above Diversion Dam (USGS Gage and Weir No. 11427700)	TNF	A						X
Duncan Creek Gage and Weir below Diversion Dam (USGS Gage and Weir No. 11427750)	TNF	A						X
Middle Fork American River Gage and Weir below French Meadows Dam (USGS Gage and Weir No. 11427500)	TNF	A						X
Project Communication Lines and Powerlines								
French Meadows Area								
French Meadows Dam Generator Building to French Meadows Dam Outlet Works Powerline	TNF	A						X
French Meadows Dam Generator Building to French Meadows Dam Spillway Gates Powerline	TNF	A						X
Hell Hole Area								
French Meadows Powerhouse to French Meadows Powerhouse Penstock and Butterfly Valve House Communication Line/Powerline	ENF	A		A				X
French Meadows Powerhouse and Switchyard to Hell Hole - Middle Fork Tunnel Gatehouse, Dormitory Facility, Operator's Cottages, and Hell Hole Powerhouse Communication Line/Powerline	ENF	A						X
Hell Hole Powerhouse to Rubicon River Gage and Weir below Hell Hole Dam Communication Line/Powerline	ENF	A						X
Middle Fork Interbay Area								
Middle Fork Powerhouse to Middle Fork Powerhouse Butterfly Valve House Communication Line/Powerline	ENF	A		A				X
Middle Fork Powerhouse to Middle Fork - Ralston Tunnel Intake and Gatehouse Communication Line/Powerline	ENF	A						X
Middle Fork Powerhouse to Middle Fork American River Gage above Middle Fork Powerhouse Communication Line/Powerline	ENF	A						X

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		Trimming by Hand	Trimming with Equipment	Herbicide Use	Fungicide Use	Physical Control	Fumigants	Riparian Conservation Areas (RCAs) ¹
Project Communication Lines and Powerlines (continued)								
Ralston - Oxbow Area								
Ralston - Oxbow Tunnel Intake to Ralston Powerhouse Communication Line	TNF	A						X
Ralston Powerhouse to Ralston Powerhouse Butterfly Valve House Communication Line/Powerline	TNF/ENF	A		A				X
Ralston Afterbay Dam Generator Building to Ralston - Oxbow Tunnel Intake Communication Line/Powerline	TNF	A						X
Oxbow Powerhouse to Ralston Afterbay Dam Generator Building Communication Line/Powerline	TNF	A						X
Photovoltaic Poles and Powerlines								
Photovoltaic Poles and Powerline to Duncan Creek Gage above Diversion Dam	TNF	A						X
Photovoltaic Pole and Powerline at Duncan Creek Gage below Diversion Dam	TNF	A						X
Photovoltaic Pole and Powerline at Middle Fork American River Gage below French Meadows Dam	TNF	A						X
Photovoltaic Pole and Powerline at Middle Fork American River Gage above Middle Fork Powerhouse	ENF	A						X
Photovoltaic Pole and Powerline at North Fork Long Canyon Gage at Diversion Dam	ENF	A						X
Photovoltaic Pole and Powerline at South Fork Long Canyon Gage at Diversion Dam	ENF	A						X
Photovoltaic Pole at Middle Fork American River Gage below Oxbow Powerhouse	TNF	A						X
Microwave Reflectors and Radio Towers								
Radio Communications Tower near French Meadows - Hell Hole Tunnel Gatehouse	ENF	I						X
Ancillary Facilities								
French Meadows Dam Generator Building	TNF	A		A		X		X
Ralston Afterbay Dam Generator Building	TNF	A		A		X		X
Project Fences								
Slope Fences								
French Meadows Powerhouse Penstock Rock Fence	ENF							X
French Meadows Powerhouse Slope Fence	ENF	I						X
Long Canyon Crossing Slope Fence	ENF	I						X
Middle Fork Powerhouse Upper Switchyard Slope Fence	ENF			I				X
Oxbow Powerhouse Slope Fence	TNF			I				X
Ralston Powerhouse Slope Fence	ENF			I				X

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		Trimming by Hand	Trimming with Equipment	Herbicide Use	Fungicide Use	Physical Control	Fumigants	Riparian Conservation Areas (RCAs) ¹
Project Roads and Access Points								
Duncan Creek Area								
Duncan Creek Diversion Intake Road and Diversion Pool Access Point	TNF	A	A					X
Duncan Creek Diversion Dam Road	TNF	A	A					X
Duncan Creek Diversion Pool Road and Access Point	TNF	A	A					X
French Meadows Area								
Duncan Creek–Middle Fork Tunnel Portal Road and Spillway Access Point	TNF	A	A					X
French Meadows–Hell Hole Tunnel Gatehouse Road	TNF	A	A	I				X
French Meadows Dam Outlet Works and Leakage Weirs Road	TNF	A	A	A				X
French Meadows Dam Staging Area Road	TNF	A	A					
Hell Hole Area								
Hell Hole Dam and Powerhouse Road and Spillway Southern Access Point	ENF	A		A				X
Rubicon River Gage and Weir below Hell Hole Dam Road	ENF	A	A					X
Hell Hole Dam Leakage Weir Road	ENF	A	A					X
Hell Hole Dam Spillway and Northern Access Point	ENF	A	A					X
French Meadows Powerhouse Road	ENF	A	A					X
Hell Hole–Middle Fork Tunnel Gatehouse Road	ENF	A	A					X
Long Canyon Area								
North Fork Long Canyon Diversion North Road	ENF	A	A					X
North Fork Long Canyon Diversion South Road	ENF	A	A					X
South Fork Long Canyon Diversion and Drop Inlet Road	ENF	A	A					X
North Fork Long Canyon Crossing Removable Section North Road and Parking Area	ENF	A	A					X
North Fork Long Canyon Crossing Removable Section South Road	ENF	A	A					X
Middle Fork Interbay Area								
Middle Fork Powerhouse Penstock and Butterfly Valve House Road	ENF	A	A	A				X
Middle Fork Interbay Dam and Powerhouse Road and Interbay Access Points	ENF	A	A					X
Middle Fork Powerhouse Upper Switchyard Road	ENF	A	A					X
Project Recreation Facilities								
French Meadows Reservoir								
Ahart Campground	TNF	A			I			X
Poppy Campground	TNF	A			I			X
French Meadows Campground	TNF	A			I			X
Gates Group Campground	TNF	A			I			X
Lewis Campground	TNF	A			I			X

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Project Recreation Facilities (continued)								
Hell Hole Reservoir								
Big Meadows Campground	ENF	A			I			X
Upper Hell Hole Campground	ENF	A			I			X
Hell Hole General Parking Area/Hell Hole Boat Ramp and Parking Area	ENF	A						X
Ralston Afterbay								
Ralston Afterbay Picnic Area	TNF	A						X
Ralston Picnic Area Cartop Boat Ramp	TNF	A						X
Indian Bar Rafting Access and General Parking	ENF	A						X
Long Canyon Creek								
Middle Meadows Group Campground	ENF	A			I			X
Project Recreation Facility Water Supplies								
Dolly Creek Water Supply	TNF	I						X
French Meadows Campground Water Supply and Trail	TNF	I						X
Big Meadows Campground Water Supply and Trail	ENF	I						X
Middle Meadows Group Campground Water Supply and Trail	ENF	I						X
New Project Betterment Facilities								
Hell Hole Reservoir Seasonal Storage Increase Betterment								
Hell Hole Dam Spillway Crest Gates Control Building	ENF	A				X		X
Hell Hole Dam Spillway Crest Gates Control Building Powerline	ENF	A						X
French Meadows Powerhouse Capacity Upgrade								
French Meadows Powerhouse and Switchyard (new powerhouse)	ENF	A				X		X
French Meadows Powerhouse Penstock	ENF	A						X

A = Activity occurs on an annual basis.

I = Activity occurs on an infrequent basis.

¹Facility is within 300' of a Riparian Conservation Area (RCA) (i.e., perennial stream, intermittent or ephemeral stream, or special aquatic site (e.g., lake, meadow, seep, spring, seasonal wetland)).

