



KLAMATH RIVER RENEWAL PROJECT - CONSTRUCTION SCHEDULE



Activity ID	Activity Name	Start	Finish	2019				2020				2021				2022				2023				2024				2025				2026				2027				2028				2029				2030					
				Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q						
KLAMATH RIVER RENEWAL PROJECT				26-Apr-19A	30-Oct-28																																																
CONSTRUCTION				26-Apr-19A	30-Oct-28																																																
KIEWIT				26-Apr-19A	01-Dec-26																																																
Milestones				26-Apr-19A	05-Dec-24																																																
GEN3030	KIWC Start of Preliminary Services	26-Apr-19A		◆ KIWC Start of Preliminary Services																																																	
GEN0011	FERC GMP	20-Nov-20A		◆ FERC GMP																																																	
GEN0001	GMP Amended - Executed	12-Feb-21A		◆ GMP Amended - Executed																																																	
GEN3010	LNTP 1 Procure Daggett Bridge & Yreka Pipeline	16-Mar-22A		◆ LNTP 1 Procure Daggett Bridge & Yreka Pipeline																																																	
GEN0040	FERC Surrender Order	10-Oct-22*		◆ FERC Surrender Order																																																	
GEN0002	Notice to Proceed (NTP)	01-Mar-23*		◆ Notice to Proceed (NTP)																																																	
GEN3020	LNTP 2 Daggett Bridge & Yreka Pipeline Construction	01-Mar-23*		◆ LNTP 2 Daggett Bridge & Yreka Pipeline Construction																																																	
GEN0018	Yreka Waterline Complete		17-Aug-23	◆ Yreka Waterline Complete																																																	
GEN0006	Pre-Drawdown Work Complete		21-Oct-23*	◆ Pre-Drawdown Work Complete																																																	
GEN3000	Drawdown Complete		11-Jul-24	◆ Drawdown Complete																																																	
GEN0020	Volitional Fish Passage		19-Oct-24	◆ Volitional Fish Passage																																																	
GEN0008	Substantial Completion - Dam Removal Work (Complete by Dec 31, 2022)		05-Dec-24*	◆ Substantial Completion - Dam Removal Work (Complete by Dec 31, 2022)																																																	
Pre-Construction				30-Aug-19A	07-Oct-22																																																
Permitting				30-Aug-19A	07-Oct-22																																																
Transfer and Surrender Orders (FERC)				20-Feb-20A	07-Oct-22																																																
PERM001	FERC Process for License Transfer	20-Feb-20A	17-Jun-21A	FERC Process for License Transfer																																																	
PERM034	FERC Decommissioning Plan	31-Jul-20A	30-Nov-20A	FERC Decommissioning Plan																																																	
PERM003	FERC Process for License Surrender	01-Aug-22	07-Oct-22	FERC Process for License Surrender																																																	
NEPA Process (FERC)				31-Jul-20A	03-Oct-22																																																
PERM004	Supplemental EIS	31-Jul-20A	22-Feb-22A	Supplemental EIS																																																	
PERM017	Public Comment Period	23-Feb-22A	05-Apr-22A	Public Comment Period																																																	
PERM018	Final EIS	06-Apr-22A	29-Jul-22	Final EIS																																																	
PERM019	Approve Surrender Order	01-Aug-22	03-Oct-22	Approve Surrender Order																																																	
CEQA Process				30-Aug-19A	03-Oct-22																																																
PERM016	CEQA Process - EIR & NOD	30-Aug-19A	03-Oct-22	CEQA Process - EIR & NOD																																																	
Federal Permits				30-Aug-19A	03-Oct-22																																																
PERM005	USFWS & NFMS ESA Section 7	30-Aug-19A	03-Oct-22	USFWS & NFMS ESA Section 7																																																	
PERM006	USACE SEC 404	30-Aug-19A	03-Oct-22	USACE SEC 404																																																	
PERM008	SHPO Concurrence	30-Aug-19A	03-Oct-22	SHPO Concurrence																																																	
PERM014	NHPA Sec 106	30-Aug-19A	03-Oct-22	NHPA Sec 106																																																	
PERM020	Bald and Golden Eagle Permit	30-Aug-19A	03-Oct-22	Bald and Golden Eagle Permit																																																	
PERM021	Wild & Scenic Rivers Act Consistency	30-Aug-19A	03-Oct-22	Wild & Scenic Rivers Act Consistency																																																	
PERM022	Right of Way on Public Lands Permit	30-Aug-19A	03-Oct-22	Right of Way on Public Lands Permit																																																	
State Permits				30-Aug-19A	03-Oct-22																																																
PERM010	ORMOU	30-Aug-19A	03-Oct-22	ORMOU																																																	
PERM012	SWRCB CWA Section 401	30-Aug-19A	03-Oct-22	SWRCB CWA Section 401																																																	

█ Actual Work █ Critical Remaining Work
█ Remaining Work ◆ Milestone

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23-Jun-22	Construction Schedule	MDM	MDM



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				Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q				
PERM015	BLM SF299	30-Aug-19A	03-Oct-22	[Gantt bar: 30-Aug-19A to 03-Oct-22]																																BLM SF299															
PERM023	SWRCB Solid Waste Discharge	30-Aug-19A	03-Oct-22	[Gantt bar: 30-Aug-19A to 03-Oct-22]																																SWRCB Solid Waste Discharge															
PERM024	SWRCB CWA Section 402	30-Aug-19A	03-Oct-22	[Gantt bar: 30-Aug-19A to 03-Oct-22]																																SWRCB CWA Section 402															
PERM025	ODEQ CWA Section 402	30-Aug-19A	03-Oct-22	[Gantt bar: 30-Aug-19A to 03-Oct-22]																																ODEQ CWA Section 402															
PERM026	ODFW Fish Passage Approval	30-Aug-19A	03-Oct-22	[Gantt bar: 30-Aug-19A to 03-Oct-22]																																ODFW Fish Passage Approval															
PERM027	ODOT Encroachment Permit	30-Aug-19A	03-Oct-22	[Gantt bar: 30-Aug-19A to 03-Oct-22]																																ODOT Encroachment Permit															
PERM028	CDFW MOU - 1602 and CESA	30-Aug-19A	03-Oct-22	[Gantt bar: 30-Aug-19A to 03-Oct-22]																																CDFW MOU - 1602 and CESA															
PERM029	DSOD CA Dam Removal Permit	30-Aug-19A	03-Oct-22	[Gantt bar: 30-Aug-19A to 03-Oct-22]																																DSOD CA Dam Removal Permit															
PERM030	OR Dam Safety/Decommissioning	30-Aug-19A	03-Oct-22	[Gantt bar: 30-Aug-19A to 03-Oct-22]																																OR Dam Safety/Decommissioning															
Local Permits		30-Aug-19A	03-Oct-22																																																
PERM007	Siskiyou County MOU	30-Aug-19A	03-Oct-22	[Gantt bar: 30-Aug-19A to 03-Oct-22]																																Siskiyou County MOU															
PERM031	Humboldt County Land Use Consistency	30-Aug-19A	03-Oct-22	[Gantt bar: 30-Aug-19A to 03-Oct-22]																																Humboldt County Land Use Consistency															
PERM032	Del Norte County Land Use Consistency	30-Aug-19A	03-Oct-22	[Gantt bar: 30-Aug-19A to 03-Oct-22]																																Del Norte County Land Use Consistency															
Pre-Drawdown Year		16-Mar-22A	21-Oct-23																																																
Project Wide		16-Mar-22A	17-Aug-23																																																
PW1204	Yreka Water Line PM's	16-Mar-22A	18-Jun-22	[Gantt bar: 16-Mar-22A to 18-Jun-22]																																Yreka Water Line PM's															
PW1214	Yreka Water Line Store Pipe	18-Jun-22	01-Sep-22	[Gantt bar: 18-Jun-22 to 01-Sep-22]																																Yreka Water Line Store Pipe															
PW1184	Install Yreka Water Line	01-Apr-23	17-Aug-23	[Gantt bar: 01-Apr-23 to 17-Aug-23]																																Install Yreka Water Line															
Roads and Bridges		16-Mar-22A	21-Jul-23																																																
PW1194	Daggett Bridge Fab	16-Mar-22A	19-Jun-22	[Gantt bar: 16-Mar-22A to 19-Jun-22]																																Daggett Bridge Fab															
PW1224	Daggett Bridge Store Bridge	19-Jun-22	01-Sep-22	[Gantt bar: 19-Jun-22 to 01-Sep-22]																																Daggett Bridge Store Bridge															
PW1234	Mobe to Site	01-Mar-23	31-Mar-23	[Gantt bar: 01-Mar-23 to 31-Mar-23]																																Mobe to Site															
PW1004	Daggett Rd Bridge - Install Perm Bridge (Copco 2)	01-Apr-23	21-Jul-23	[Gantt bar: 01-Apr-23 to 21-Jul-23]																																Daggett Rd Bridge - Install Perm Bridge (Copco 2)															
PW1001	Dry Creek Bridge - Install Temp Support Beam (Copco)	01-Apr-23	11-Apr-23	[Gantt bar: 01-Apr-23 to 11-Apr-23]																																Dry Creek Bridge - Install Temp Support Beam (Copco)															
PW0044	Copco Road - Site Access Improvements	01-Apr-23	11-Apr-23	[Gantt bar: 01-Apr-23 to 11-Apr-23]																																Copco Road - Site Access Improvements															
PW1002	Fall Creek Bridge - Install Temp Support Beam (Copco)	12-Apr-23	20-Apr-23	[Gantt bar: 12-Apr-23 to 20-Apr-23]																																Fall Creek Bridge - Install Temp Support Beam (Copco)															
PW1003	Ager and Ager Beswick Rd - Access Improvements (Iron Gate)	15-Jun-23	23-Jun-23	[Gantt bar: 15-Jun-23 to 23-Jun-23]																																Ager and Ager Beswick Rd - Access Improvements (Iron Gate)															
Demo Recreation Sites		12-Apr-23	15-Jun-23																																																
PW1008	Recreation Area Demo - JC Boyle	12-Apr-23	03-May-23	[Gantt bar: 12-Apr-23 to 03-May-23]																																Recreation Area Demo - JC Boyle															
PW1020	Recreation Area Demo - Copco	04-May-23	17-May-23	[Gantt bar: 04-May-23 to 17-May-23]																																Recreation Area Demo - Copco															
PW1030	Recreation Area Demo - Iron Gate	18-May-23	15-Jun-23	[Gantt bar: 18-May-23 to 15-Jun-23]																																Recreation Area Demo - Iron Gate															
Copco 1		01-Mar-23	21-Oct-23																																																
Site Prep		01-Mar-23	25-May-23																																																
CO12240	PacifiCorp - Provide Temp Power Drops Complete		01-Mar-23	[Milestone: 01-Mar-23]																																PacifiCorp - Provide Temp Power Drops Complete															
CO12222	PacifiCorp - Transmission/Distribution Relocates Complete		01-Mar-23	[Milestone: 01-Mar-23]																																PacifiCorp - Transmission/Distribution Relocates Complete															
CO10062	Mobe and Setup Trailers	01-Mar-23*	21-Mar-23	[Gantt bar: 01-Mar-23 to 21-Mar-23]																																Mobe and Setup Trailers															
CO10290	Setup Site Security	01-Mar-23	08-Mar-23	[Gantt bar: 01-Mar-23 to 08-Mar-23]																																Setup Site Security															
CO10031	Clear and Grub/Prep Disposal Site	22-Mar-23	11-Apr-23	[Gantt bar: 22-Mar-23 to 11-Apr-23]																																Clear and Grub/Prep Disposal Site															
CO10040	Install Temp BMPs	22-Mar-23	28-Mar-23	[Gantt bar: 22-Mar-23 to 28-Mar-23]																																Install Temp BMPs															
CO10021	Pioneer Access Roads (Copco 1 to Disposal Site)	22-Mar-23	16-May-23	[Gantt bar: 22-Mar-23 to 16-May-23]																																Pioneer Access Roads (Copco 1 to Disposal Site)															
CO10600	Install Temp Power	22-Mar-23	04-Apr-23	[Gantt bar: 22-Mar-23 to 04-Apr-23]																																Install Temp Power															
CO10800	Demo Buildings in Disposal Site	22-Mar-23	11-Apr-23	[Gantt bar: 22-Mar-23 to 11-Apr-23]																																Demo Buildings in Disposal Site															

- Yreka Water Line PM's
- Yreka Water Line Store Pipe
- Install Yreka Water Line

- Daggett Bridge Fab
- Daggett Bridge Store Bridge
- Mobe to Site
- Daggett Rd Bridge - Install Perm Bridge (Copco 2)
- Dry Creek Bridge - Install Temp Support Beam (Copco)
- Copco Road - Site Access Improvements
- Fall Creek Bridge - Install Temp Support Beam (Copco)
- Ager and Ager Beswick Rd - Access Improvements (Iron Gate)

- Recreation Area Demo - JC Boyle
- Recreation Area Demo - Copco
- Recreation Area Demo - Iron Gate

- ◆ PacifiCorp - Provide Temp Power Drops Complete
- ◆ PacifiCorp - Transmission/Distribution Relocates Complete
- Mobe and Setup Trailers
- Setup Site Security
- Clear and Grub/Prep Disposal Site
- Install Temp BMPs
- Pioneer Access Roads (Copco 1 to Disposal Site)
- Install Temp Power
- Demo Buildings in Disposal Site

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CO10620	Remove Transmission Poles and Lines	05-Apr-23	18-Apr-23																									Remove Transmission Poles and Lines
CO11571	Abate Lead Paint in Powerhouse	12-Apr-23	16-May-23																									Abate Lead Paint in Powerhouse
CO10700	Borrow/Process Material for Access Pad	21-Apr-23	25-May-23																									Borrow/Process Material for Access Pad
Upstream Work		15-Jun-23	24-Aug-23																									
CO10030	Install Turbidity Curtain and Silt Fencing	15-Jun-23	28-Jun-23																									Install Turbidity Curtain and Silt Fencing
CO10010	Mobilize Barge onto Reservoir	29-Jun-23	19-Jul-23																									Mobilize Barge onto Reservoir
CO10210	Dredge Upstream Debris at Adit and Diversion Tunnel Intake	20-Jul-23	16-Aug-23																									Dredge Upstream Debris at Adit and Diversion Tunnel Intake
CO10052	Demobilize barge	17-Aug-23	24-Aug-23																									Demobilize barge
Downstream Work		22-Jun-23	21-Oct-23																									
CO16010	Access Pad to Base of Dam and Stage Materials for Diversion Tunnel Plugs	22-Jun-23*	07-Jul-23																									Access Pad to Base of Dam and Stage Materials for Diversion Tunnel Plugs
CO10380	Set Up for Adit Excavation	07-Jul-23	25-Jul-23																									Set Up for Adit Excavation
CO10071	Drill and Shoot Adit (Plug intact) (Double Shift)	25-Jul-23	11-Aug-23																									Drill and Shoot Adit (Plug intact) (Double Shift)
CO10340	Remove Existing Concrete from Adit (Double Shift)	11-Aug-23	24-Aug-23																									Remove Existing Concrete from Adit (Double Shift)
CO10360	Install Anchors and Rebar (Double Shift)	24-Aug-23	07-Sep-23																									Install Anchors and Rebar (Double Shift)
CO10451	Grade Pad/Set Cradles/Install Outlet Pipe (Double Shift)	07-Sep-23	06-Oct-23																									Grade Pad/Set Cradles/Install Outlet Pipe (Double Shift)
CO11010	Backfill Outlet Pipe	06-Oct-23	14-Oct-23																									Backfill Outlet Pipe
CO11561	Conc Rip Rap	14-Oct-23	21-Oct-23																									Conc Rip Rap
Copco 2		01-Mar-23	02-Sep-23																									
Access/Site Work		01-Mar-23	24-Jun-23																									
CO20521	PacifiCorp - Provide Temp Power Drops Complete		01-Mar-23																									PacifiCorp - Provide Temp Power Drops Complete
CO20491	Mobilize and Setup Trailers and Camp	01-Mar-23	26-Apr-23																									Mobilize and Setup Trailers and Camp
CO20501	Install Temp Power	15-Apr-23	26-Apr-23																									Install Temp Power
CO20011	Install Temp BMPs	15-Apr-23	26-Apr-23																									Install Temp BMPs
CO20012	Set Up Staging Areas	27-Apr-23	17-May-23																									Set Up Staging Areas
CO20013	Prep Site and Clear and Grub	27-Apr-23	08-May-23																									Prep Site and Clear and Grub
CO20014	Pioneer Access Roads	09-May-23	19-May-23																									Pioneer Access Roads
CO20581	Abate Lead Paint in Powerhouse	20-May-23	24-Jun-23																									Abate Lead Paint in Powerhouse
Dam Removal		15-Jul-23	02-Sep-23																									
Dry Period #1		15-Jul-23	02-Aug-23																									
CO2026	Remove Existing Cofferdam (Double Shift)	15-Jul-23	21-Jul-23																									Remove Existing Cofferdam (Double Shift)
CO2008	Remove Right Retaining Wall (Double Shift)	15-Jul-23	18-Jul-23																									Remove Right Retaining Wall (Double Shift)
CO2001	Dry Up Reservoir	15-Jul-23*	15-Jul-23																									Dry Up Reservoir
CO2011	Demo Concrete Spillway (Double Shift)	17-Jul-23	22-Jul-23																									Demo Concrete Spillway (Double Shift)
CO2007	Remove Tainter Gates, Bridge Deck, Hoists (Double Shift)	17-Jul-23	22-Jul-23																									Remove Tainter Gates, Bridge Deck, Hoists (Double Shift)
CO20541	Refill Reservoir	24-Jul-23	02-Aug-23																									Refill Reservoir
Dry Period #2		03-Aug-23	24-Aug-23																									
CO20481	Dry Up Reservoir	03-Aug-23	03-Aug-23																									Dry Up Reservoir
CO20401	Close Caterpillar Gate	04-Aug-23	04-Aug-23																									Close Caterpillar Gate
CO2004	CIP Plug for Caterpillar Gate (Double Shift)	05-Aug-23	05-Aug-23																									CIP Plug for Caterpillar Gate (Double Shift)
CO2013	Re-Grade Right Bank, Remove Access Road, and Grade Area (Double Shift)	07-Aug-23	12-Aug-23																									Re-Grade Right Bank, Remove Access Road, and Grade Area (Double Shift)
CO20411	Demo and Remove Intake Structure (Double Shift)	07-Aug-23	09-Aug-23																									Demo and Remove Intake Structure (Double Shift)
CO20391	Restore Volitional Fish Channel (Downstream of Dam) (Double Shift)	10-Aug-23	14-Aug-23																									Restore Volitional Fish Channel (Downstream of Dam) (Double Shift)
CO2002	Backfill Intake Structure with Rip Rap (Double Shift)	10-Aug-23	11-Aug-23																									Backfill Intake Structure with Rip Rap (Double Shift)

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CO20551	Refill Reservoir	15-Aug-23	24-Aug-23																									
Dry Period #3		25-Aug-23	02-Sep-23																									
CO20591	Dry Up Reservoir	25-Aug-23	25-Aug-23																									
CO20601	Complete Final Removals/Grading	26-Aug-23	02-Sep-23																									
Iron Gate		01-Mar-23	26-Sep-23																									
Access/ Site Work		01-Mar-23	11-Aug-23																									
IG4000	PacifiCorp - Provide Temp Power Drops Complete		01-Mar-23																									
IG0067	Mobe and Setup Trailers	01-Mar-23	03-Apr-23																									
IG2130	Set Up Site Security	01-Apr-23	08-Apr-23																									
IG3280	Install Temp Power	03-Apr-23	22-Apr-23																									
IG0065	Prep Site and Set Up Staging Areas	03-Apr-23	22-Apr-23																									
IG0064	Install Temp BMPs	03-Apr-23	22-Apr-23																									
IG3290	Decommission Holding Ponds	15-Jun-23	28-Jun-23																									
IG0051	Build Access Road to Diversion Tunnel and Holding Tanks	15-Jun-23	07-Jul-23																									
IG4030	Abate Lead Paint in Powerhouse	08-Jul-23	11-Aug-23																									
Pre-Drawdown Modifications		08-Jul-23	26-Sep-23																									
Tunnel Lining		08-Jul-23	26-Sep-23																									
IG3050	Mobe Equipment and Setup	08-Jul-23	15-Jul-23																									
IG0001	Close and Secure Hinged Blind Flange	17-Jul-23	20-Jul-23																									
IG3060	Demo Weir and Stop Logs/Water Pump Down (Double Shift)	21-Jul-23	22-Jul-23																									
IG3070	Tunnel Inspection Scaling/Vent/Utilities/Temp Support (Double Shift)	24-Jul-23	29-Jul-23																									
IG3080	Demo Existing Invert Concrete (double shift)	31-Jul-23	03-Aug-23																									
IG3090	Install Anchors for Walls/invert (double shift)	04-Aug-23	08-Aug-23																									
IG3100	Mud Mat (Double Shift)	09-Aug-23	10-Aug-23																									
IG3110	Invert Rebar (Double Shift)	11-Aug-23	12-Aug-23																									
IG3120	Invert Concrete (Double Shift)	14-Aug-23	18-Aug-23																									
IG3130	Wall Rebar (Double Shift)	23-Aug-23	26-Aug-23																									
IG0013	Wall Concrete (Double Shift)	28-Aug-23	08-Sep-23																									
IG0028	Install Vent Lines (Double Shift)	09-Sep-23	20-Sep-23																									
IG3260	Remove Blind Flange (Double Shift)	21-Sep-23	26-Sep-23																									
Drawdown Year		14-Feb-20 A	01-Dec-26																									
JC Boyle		01-Mar-23	21-Sep-24																									
Drawdown		01-Dec-23	27-Jan-24																									
JCB1180	PacifiCorp - Drawdown to Normal Operating Level	01-Dec-23*	29-Dec-23																									
JCB0017	Stage 1 Drawdown - Drawdown Using Gates	01-Jan-24	03-Jan-24																									
JCB0082	Drawdown Starts - JC Boyle	03-Jan-24																										
JCB1220	Stage 2 Drawdown - Drawdown Using Power Intake/Close Tainter Gates	03-Jan-24	13-Jan-24																									
JCB1230	Stage 3 Drawdown - Blast Diversion Culvert #1/Close Intake	13-Jan-24	23-Jan-24																									
JCB0019	Stage 4 Drawdown - Blast Diversion Culvert #2	23-Jan-24	27-Jan-24																									
JCB1050	Drawdown Complete - JC Boyle		27-Jan-24																									
Access/ Site Work		01-Mar-23	21-Sep-24																									
JCB1270	PacifiCorp - Provide Temp Power Drops Complete		01-Mar-23																									

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JCB1260	Install Temp Power	02-Oct-23*	23-Oct-23																									Install Temp Power
JCB1060	Setup Site Security	17-Oct-23	23-Oct-23																									Setup Site Security
JCB0056	Mobe and Set Up Trailers	24-Oct-23	14-Nov-23																									Mobe and Set Up Trailers
JCB0057	Clear and Grub Site	01-Mar-24	14-Mar-24																									Clear and Grub Site
JCB0051	Install Temp BMPs	01-Mar-24	28-Mar-24																									Install Temp BMPs
JCB1070	Develop Access for Penstocks	01-Mar-24	28-Mar-24																									Develop Access for Penstocks
JCB0052	Develop Access Roads	15-Mar-24	04-Apr-24																									Develop Access Roads
JCB1190	Remove Misc. Site Features	29-Mar-24	20-Apr-24																									Remove Misc. Site Features
JCB1200	Remove Buildings and Storage Sheds at Dam	21-Aug-24	13-Sep-24																									Remove Buildings and Storage Sheds at Dam
JCB0059	Demobilize	14-Sep-24	21-Sep-24																									Demobilize
JCB0081	JC Boyle Complete		21-Sep-24																									JC Boyle Complete
Dam/Intake/Spillway Removal		01-Mar-24	20-Sep-24																									
JCB0012	Remove Intake Structure and Hoist	01-Mar-24	09-Mar-24																									Remove Intake Structure and Hoist
JCB0014	Remove Spillway Bridge Deck and Railings	01-Mar-24	09-Mar-24																									Remove Spillway Bridge Deck and Railings
JCB0015	Remove Spillway Gates, Operators, and Traveling Hoist	11-Mar-24	21-Mar-24																									Remove Spillway Gates, Operators, and Traveling Hoist
JCB0005	Remove Fish Ladder	01-Jun-24	15-Jun-24																									Remove Fish Ladder
JCB0013	Timber Bridge Removal	14-Sep-24	20-Sep-24																									Timber Bridge Removal
Embankment Removal		01-May-24	20-Aug-24																									
JCB0006	Remove and Stockpile Rip Rap (Phase 1)	01-May-24*	03-May-24																									Remove and Stockpile Rip Rap (Phase 1)
JCB1240	Remove Embankment Down to Elevation 3792 (Phase 2)	04-May-24	10-May-24																									Remove Embankment Down to Elevation 3792 (Phase 2)
JCB0020	Remove Embankment Down to Elevation 3785 (Phase 3)	11-May-24	20-May-24																									Remove Embankment Down to Elevation 3785 (Phase 3)
JCB1120	Remove Embankment Down to Elevation 3775.7 (Phase 4)	21-May-24	31-May-24																									Remove Embankment Down to Elevation 3775.7 (Phase 4)
JCB1130	Remove Downstream Portion of Embankment down to Elevation 3738 (Phase 5)	01-Jun-24	17-Jun-24																									Remove Downstream Portion of Embankment down to Elevation 3738 (Phase 5)
JCB0003	Rehab Historical Cofferdam	01-Jun-24	12-Jun-24																									Rehab Historical Cofferdam
JCB0007	Remove Embankment Cut Off Wall	18-Jun-24	24-Jun-24																									Remove Embankment Cut Off Wall
JCB1170	Remove Work Platform down to (Phase 7)	25-Jun-24	03-Jul-24																									Remove Work Platform down to (Phase 7)
JCB1140	Remove Soft Saturated Material	04-Jul-24	10-Jul-24																									Remove Soft Saturated Material
JCB1000	Restore Volitional Fish Passage (Downstream of Historic Cofferdam)	04-Jul-24	12-Jul-24																									Restore Volitional Fish Passage (Downstream of Historic Cofferdam)
JCB0009	Controlled Breach of Historic Cofferdam (down to 3740.7)	11-Jul-24	16-Jul-24																									Controlled Breach of Historic Cofferdam (down to 3740.7)
JCB1150	Restore Volitional Fish Passage (Upstream of Embankment)	17-Jul-24	27-Jul-24																									Restore Volitional Fish Passage (Upstream of Embankment)
JCB1210	Install Permanent BMPs	29-Jul-24	20-Aug-24																									Install Permanent BMPs
Power Canal Removal		01-Mar-24	29-Jul-24																									
JCB0029	Forebay demolition	01-Mar-24	14-Mar-24																									Forebay demolition
JCB0024	Remove 14' Dia. Pipeline and Support Members	01-Mar-24	23-Mar-24																									Remove 14' Dia. Pipeline and Support Members
JCB1090	Scaling Uphill of Power Canal	01-Mar-24	23-Mar-24																									Scaling Uphill of Power Canal
JCB1010	Forebay Regrading	15-Mar-24	28-Mar-24																									Forebay Regrading
JCB0026	Remove Headgate Facility	25-Mar-24	29-Mar-24																									Remove Headgate Facility
JCB0028	Place Stability Fill on Canal	05-Apr-24	21-May-24																									Place Stability Fill on Canal
JCB0027	Demo and Haul to Scour Hole - Power Canal Downhill Wall	05-Apr-24	11-May-24																									Demo and Haul to Scour Hole - Power Canal Downhill Wall
JCB0040	Lay back Slopes at Scour Hole	05-Apr-24	16-Apr-24																									Lay back Slopes at Scour Hole
JCB0031	Haul Embankment to Scour Hole (3' rock cover)	21-May-24	17-Jul-24																									Haul Embankment to Scour Hole (3' rock cover)
JCB1100	Install Permanent BMPs at Power Canal and Scour Hole	18-Jul-24	29-Jul-24																									Install Permanent BMPs at Power Canal and Scour Hole
Powerhouse and Penstock Removal		01-Feb-24	17-Jul-24																									

█ Actual Work █ Critical Remaining Work
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Activity ID	Activity Name	Start	Finish	2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030		
				Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
JCB1040	PacifiCorp - De-energize Powerhouses		01-Feb-24*																									
JCB0043	Remove Utilities	01-Mar-24	12-Mar-24																									
JCB0034	Construct Work Platform in Tailrace	01-Mar-24	23-Mar-24																									
JCB0044	Remove Hydromechanical/ Hydroelectrical Equipment	13-Mar-24	26-Apr-24																									
JCB0022	Remove Penstock	29-Mar-24	23-May-24																									
JCB1020	Remove Structure	27-Apr-24	08-May-24																									
JCB0041	Demo Powerhouse Concrete	09-May-24	20-May-24																									
JCB0023	Knock-over Penstock Foundations	15-May-24	28-May-24																									
JCB0025	Backfill Powerhouse	21-May-24	06-Jun-24																									
JCB0038	Backfill Tailrace Channel with Powerhouse Concrete and Excavated Alluvial Ma	21-May-24	06-Jun-24																									
JCB0032	Bury-in-place Penstock Foundations	29-May-24	08-Jun-24																									
JCB0033	Install Tunnel Barriers	10-Jun-24	18-Jun-24																									
JCB1030	Remove Warehouse and Buildings	19-Jun-24	05-Jul-24																									
JCB1250	Install Permanent BMP	06-Jul-24	17-Jul-24																									
Transmission/Distribution		01-Mar-23	17-Apr-24																									
JCB1110	PacifiCorp - Transmission/Distribution Relocates		01-Mar-23																									
JCB0100	Access Roads for Powerline Removal	01-Mar-24	14-Mar-24																									
JCB0036	Remove Switchyard Equipment	01-Mar-24	14-Mar-24																									
JCB0042	Remove Transmission/ Distribution Lines	15-Mar-24	03-Apr-24																									
JCB0045	Remove Substation Equipment	04-Apr-24	17-Apr-24																									
Copco 1		01-Dec-23	07-Nov-24																									
Access/Site Work		01-Jun-24	07-Nov-24																									
CO11000	Remove Misc. Site Features	01-Jun-24	29-Jun-24																									
CO11020	Install Permanent BMPs	16-Oct-24	07-Nov-24																									
CO10064	Copco 1 Complete		07-Nov-24																									
Drawdown		01-Dec-23	11-Jul-24																									
CO10018	PacifiCorp - Drawdown to Elevation 2590	01-Dec-23*	01-Jan-24																									
CO10063	Drawdown Start - Copco 1	01-Jan-24																										
CO10003	Drawdown - Blast Adit Plug (down to 2525)	01-Jan-24	11-Jan-24																									
CO10260	Drawdown Complete - Copco 1	11-Jul-24																										
Dam Removal		12-Jan-24	06-Nov-24																									
CO10005	Demolish Right Abutment Gate Houses	12-Jan-24	19-Jan-24																									
CO10004	Demo Right Abutment to Elevation 2569 and Establish Access	01-Jun-24	15-Jun-24																									
CO10002	Remove Tainter Gates and Operators, Bridge Deck and Piers	15-Jun-24	29-Jun-24																									
CO10072	Remove Diversion Tunnel Intake	15-Jun-24	01-Jul-24																									
CO10250	Dam Concrete Demolition - Down to Elevation 2585	29-Jun-24	13-Jul-24																									
CO10240	Remove Diversion Tunnel Plug	01-Jul-24	10-Jul-24																									
CO10331	Divert Water to Existing Diversion Tunnel	10-Jul-24	11-Jul-24																									
CO10400	Repair Old Cofferdam	11-Jul-24	18-Jul-24																									
CO11300	Dam Concrete Demolition - Elevation 2585 to Elevation 2525	13-Jul-24	10-Aug-24																									
CO10341	Remove Right Bank Material (Upstream of Dam)	10-Aug-24	10-Sep-24																									
CO10300	Dam Concrete Demolition - Elevation 2525 to Elevation 2511	10-Aug-24	24-Aug-24																									
CO10017	Remove Downstream Work Pad and Pipe	24-Aug-24	09-Sep-24																									

- ◆ PacifiCorp - De-energize Powerhouses
- ▮ Remove Utilities
- ▮ Construct Work Platform in Tailrace
- ▮ Remove Hydromechanical/ Hydroelectrical Equipment
- ▮ Remove Penstock
- ▮ Remove Structure
- ▮ Demo Powerhouse Concrete
- ▮ Knock-over Penstock Foundations
- ▮ Backfill Powerhouse
- ▮ Backfill Tailrace Channel with Powerhouse Concrete and Excavated Alluvial Material
- ▮ Bury-in-place Penstock Foundations
- ▮ Install Tunnel Barriers
- ▮ Remove Warehouse and Buildings
- ▮ Install Permanent BMP

- ◆ PacifiCorp - Transmission/ Distribution Relocates
- ▮ Access Roads for Powerline Removal
- ▮ Remove Switchyard Equipment
- ▮ Remove Transmission/ Distribution Lines
- ▮ Remove Substation Equipment

- ▮ Remove Misc. Site Features
- ▮ Install Permanent BMPs
- ◆ Copco 1 Complete

- ▮ PacifiCorp - Drawdown to Elevation 2590
- ◆ Drawdown Start - Copco 1
- ▮ Drawdown - Blast Adit Plug (down to 2525)
- ◆ Drawdown Complete - Copco 1

- ▮ Demolish Right Abutment Gate Houses
- ▮ Demo Right Abutment to Elevation 2569 and Establish Access
- ▮ Remove Tainter Gates and Operators, Bridge Deck and Piers
- ▮ Remove Diversion Tunnel Intake
- ▮ Dam Concrete Demolition - Down to Elevation 2585
- ▮ Remove Diversion Tunnel Plug
- ▮ Divert Water to Existing Diversion Tunnel
- ▮ Repair Old Cofferdam
- ▮ Dam Concrete Demolition - Elevation 2585 to Elevation 2525
- ▮ Remove Right Bank Material (Upstream of Dam)
- ▮ Dam Concrete Demolition - Elevation 2525 to Elevation 2511
- ▮ Remove Downstream Work Pad and Pipe

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				Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
CO11200	Dam Concrete Demolition - Elevation 2511 to Elevation 2472	24-Aug-24	09-Sep-24																									
CO10371	Restore Volitional Fish Passage Channel (Downstream of Historical Cofferdam)	09-Sep-24	26-Sep-24																									
CO11800	Breach Cofferdam	26-Sep-24	03-Oct-24																									
CO10351	Remove Cofferdam and Historical Construction, Volitional Fish Passage Upstre:	03-Oct-24	16-Oct-24																									
CO10019	Plug Diversion Tunnel Outlet	03-Oct-24	08-Oct-24																									
CO11030	Plug Diversion Tunnel Inlet	03-Oct-24	08-Oct-24																									
CO20611	Cap Fill Site & Grade	16-Oct-24	25-Oct-24																									
CO20621	Demobilization	25-Oct-24	06-Nov-24																									
Powerhouse and Penstock Removal		01-Feb-24	01-Jun-24																									
CO12230	PacifiCorp - De-energize Powerhouses		01-Feb-24																									
CO10053	Demolish Hydromechanical/Hydroelectrical Equipment	01-Mar-24	05-Apr-24																									
CO10051	Demolish Utilities in Powerhouse	01-Mar-24	18-Mar-24																									
CO10006	Demolish Penstocks	01-Mar-24	12-Mar-24																									
CO10007	Demolish Powerhouse	06-Apr-24	02-May-24																									
CO10022	Backfill Powerhouse	02-May-24	24-May-24																									
CO10390	Build Access Road on Powerhouse	24-May-24	01-Jun-24																									
Transmission/Distribution		01-Mar-24	17-Apr-24																									
CO10220	Access Roads for Transmission Line Removal	01-Mar-24	14-Mar-24																									
CO10054	Remove Transmission Lines	15-Mar-24	04-Apr-24																									
CO10055	Remove Substation Equipment	04-Apr-24	17-Apr-24																									
Copco 2 (Could Happen as Early as Pre-Drawdown Year)		01-Mar-23	16-Aug-24																									
Site		28-May-24	16-Aug-24																									
CO20441	Install Permanent BMPs	28-May-24	20-Jun-24																									
CO20421	Remove Misc. Site Features	19-Jul-24	16-Aug-24																									
CO2081	Copco 2 Complete		16-Aug-24																									
Powerhouse and Penstock Removal		01-Feb-24	19-Jul-24																									
CO20531	PacifiCorp - De-energize Powerhouses		01-Feb-24																									
CO20471	Remove Utilities in Powerhouse	01-Mar-24	18-Mar-24																									
CO20051	Demolish Electric Equipment from Powerhouse	01-Mar-24	19-Mar-24																									
CO20112	Construct Diversion Berm in Tailrace Channel	01-Mar-24	14-Mar-24																									
CO20010	Remove Right Tailrace Wingwall, Place in Tailrace	15-Mar-24	19-Mar-24																									
CO20053	Demolish Mechanical Equipment	20-Mar-24	07-May-24																									
CO20113	Demo and Backfill Powerhouse	07-May-24	28-May-24																									
CO20114	Dewater Diversion Berm and Backfill Tailrace	29-May-24	12-Jun-24																									
CO20110	Remove Pipe Supports, Foundations, and Plugs	29-May-24	21-Jun-24																									
CO20190	Remove Penstock Steel Pipe	29-May-24	21-Jun-24																									
CO20431	Remove Residential Buildings	20-Jun-24	19-Jul-24																									
CO20111	Install Tunnel Barriers at Portal	21-Jun-24	27-Jun-24																									
Wood Stave Penstock Removal		27-Jun-24	09-Aug-24																									
CO2014	Remove Woodstave Penstock	27-Jun-24	17-Jul-24																									
CO2016	Knock-over Concrete Saddles	17-Jul-24	29-Jul-24																									
CO2017	Bury Saddles and Re-Grade Area	29-Jul-24	03-Aug-24																									

- Dam Concrete Demolition - Elevation 2511 to Elevation 2472
- Restore Volitional Fish Passage Channel (Downstream of Historical Cofferdam)
- Breach Cofferdam
- Remove Cofferdam and Historical Construction, Volitional Fish Passage Upstream
- Plug Diversion Tunnel Outlet
- Plug Diversion Tunnel Inlet
- Cap Fill Site & Grade
- Demobilization
- ◆ PacifiCorp - De-energize Powerhouses
- Demolish Hydromechanical/Hydroelectrical Equipment
- Demolish Utilities in Powerhouse
- Demolish Penstocks
- Demolish Powerhouse
- Backfill Powerhouse
- Build Access Road on Powerhouse
- Access Roads for Transmission Line Removal
- Remove Transmission Lines
- Remove Substation Equipment
- Install Permanent BMPs
- Remove Misc. Site Features
- ◆ Copco 2 Complete
- ◆ PacifiCorp - De-energize Powerhouses
- Remove Utilities in Powerhouse
- Demolish Electric Equipment from Powerhouse
- Construct Diversion Berm in Tailrace Channel
- Remove Right Tailrace Wingwall, Place in Tailrace
- Demolish Mechanical Equipment
- Demo and Backfill Powerhouse
- Dewater Diversion Berm and Backfill Tailrace
- Remove Pipe Supports, Foundations, and Plugs
- Remove Penstock Steel Pipe
- Remove Residential Buildings
- Install Tunnel Barriers at Portal
- Remove Woodstave Penstock
- Knock-over Concrete Saddles
- Bury Saddles and Re-Grade Area

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Activity ID	Activity Name	Start	Finish	2019				2020				2021				2022				2023				2024				2025				2026				2027				2028				2029				2030			
				Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q				
Beaver Creek		29-Aug-23	29-Oct-24																																																
A4300	Beaver Creek Dry Hydrant Construction	29-Aug-23	29-Oct-24																					■ Beaver Creek Dry Hydrant Construction																											
Deer Creek		29-Aug-23	29-Oct-24																																																
A4310	Deer Creek Dry Hydrant Construction	29-Aug-23	29-Oct-24																					■ Deer Creek Dry Hydrant Construction																											
Substantial Completion		29-Oct-24	29-Oct-24																																																
A4320	Substantial Completion	29-Oct-24	29-Oct-24*	◆ Substantial Completion																																															
Project Closeout		30-Oct-24	01-Dec-26																																																
A4150	As-Constructed Drawings	30-Oct-24	27-Nov-24	■ As-Constructed Drawings																																															
A4330	O&M Manuals	30-Oct-24	27-Nov-24	■ O&M Manuals																																															
A4340	Warranty	02-Dec-24	01-Dec-26																					■ Warranty																											

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				Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
A44607	Habitat Structure Placement	15-Jul-25*	15-Sep-25																									
A44608	Final Seeding and Planting	15-Sep-25*	30-Nov-25																									
Beaver Creek Restoration																												
A44701	Mobilize for Site Prep	01-Nov-23	14-Nov-23																									
A44702	Reestablish Staging Area (Incl. BMPs)	15-Nov-23	31-Dec-23																									
A44703	Mobilize for Restoration Construction	01-Mar-25	31-Mar-25																									
A44704	Perimeter Fencing	01-Apr-25	30-Apr-25																									
A44705	Floodplain Grading	01-May-25	30-Sep-25																									
A44706	Channel Grading	15-Jun-25	15-Sep-25																									
A44707	Habitat Structure Placement	15-Jul-25	15-Sep-25																									
A44708	Final Seeding and Planting	15-Sep-25	30-Nov-25																									
Jenny Creek Restoration																												
A44801	Mobilize for Site Prep	01-Nov-23	14-Nov-23																									
A44802	Reestablish Staging Area (Incl. BMPs)	15-Nov-23	31-Dec-23																									
A44803	Mobilize for Restoration Construction	01-Mar-25	31-Mar-25																									
A44804	Perimeter Fencing	01-Apr-25	30-Apr-25																									
A44805	Floodplain Grading	01-May-25	30-Sep-25																									
A44806	Channel Grading	15-Jun-25	15-Sep-25																									
A44807	Habitat Structure Placement	15-Jul-25	15-Sep-25																									
A44808	Final Seeding and Planting	15-Sep-25	30-Nov-25																									
Camp and Scotch Creek Restoration																												
A44901	Mobilize for Site Prep	01-Nov-23	14-Nov-23																									
A44902	Reestablish Staging Area (Incl. BMPs)	15-Nov-23	31-Dec-23																									
A44903	Mobilize for Restoration Construction	01-Mar-25	31-Mar-25																									
A44904	Perimeter Fencing	01-Apr-25	30-Apr-25																									
A44905	Floodplain Grading	01-May-25	30-Sep-25																									
A44906	Channel Grading	15-Jun-25	15-Sep-25																									
A44907	Habitat Structure Placement	15-Jul-25	15-Sep-25																									
A44908	Final Seeding and Planting	15-Sep-25	30-Nov-25																									

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Activity ID	Activity Name	Start	Finish	2019				2020				2021				2022				2023				2024				2025				2026				2027				2028				2029				2030											
				Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q												
PACIFICORP				14-Feb-20 A				02-Dec-24																																																			
Temporary Power				01-Mar-21 A				03-Apr-23																																																			
A1350	KRRC Prepare and Submit Applications	01-Mar-21 A	01-Jun-21 A	■ KRRC Prepare and Submit Applications																																																							
A1360	Monthly Coordination Meetings	03-Jun-22*	03-Apr-23	■ Monthly Coordination Meetings																																																							
A1370	Field Stake Temporary Power Locations	03-Jun-22	01-Jul-22	■ Field Stake Temporary Power Locations																																																							
A1380	Develop Design	01-Jul-22	31-Oct-22	■ Develop Design																																																							
A1390	Field Construction	01-Nov-22	01-Apr-23	■ Field Construction																																																							
A1340	Work Complete		03-Apr-23	◆ Work Complete																																																							
Transmission Demo & Relocation				03-Jun-22				30-Sep-23																																																			
A1330	Bi-weekly Coordination Meetings with KRRC	03-Jun-22*	28-Feb-23	■ Bi-weekly Coordination Meetings with KRRC																																																							
A3650	Confirm Kiewit/PacifiCorp Scope Split	03-Jun-22	01-Jul-22	■ Confirm Kiewit/PacifiCorp Scope Split																																																							
Develop PacifiCorp Design Documents				03-Jun-22				30-Sep-23																																																			
A3660	Develop PacifiCorp Design Documents	03-Jun-22*	15-Dec-22	■ Develop PacifiCorp Design Documents																																																							
A3700	Prepare ESC Documents	03-Jun-22*	14-Oct-22	■ Prepare ESC Documents																																																							
A3670	50% Design Preparation	01-Jul-22*	14-Oct-22	■ 50% Design Preparation																																																							
A3680	100% Design Preparation	30-Nov-22*	15-Feb-23	■ 100% Design Preparation																																																							
A3690	Transmission Line Demo & Relocation IFC Documents		15-Feb-23	◆ Transmission Line Demo & Relocation IFC Documents																																																							
A3710	JC Boyle Construction	27-Mar-23*	30-Sep-23	■ JC Boyle Construction																																																							
A3720	Copco No.1 Construction	27-Mar-23*	30-Jun-23	■ Copco No.1 Construction																																																							
A3730	Copco No.2 Construction	27-Mar-23*	30-Jun-23	■ Copco No.2 Construction																																																							
A3740	Iron Gate Construction	27-Mar-23*	30-Sep-23	■ Iron Gate Construction																																																							
A3750	Construction Complete		30-Sep-23	◆ Construction Complete																																																							
Fall Creek Hatchery				14-Feb-20 A				02-Dec-24																																																			
Design				14-Feb-20 A				31-May-22 A																																																			
A3760	Kick Off Meeting	14-Feb-20 A	14-Feb-20 A	Kick Off Meeting																																																							
A3770	50% Design	15-Feb-20 A	15-Jun-20 A	■ 50% Design																																																							
A3780	60% Design	16-Jun-20 A	22-Sep-20 A	■ 60% Design																																																							
A3790	100% Design	23-Sep-20 A	30-Oct-20 A	■ 100% Design																																																							
A3800	Final Design Modifications	09-Mar-22 A	27-May-22 A	■ Final Design Modifications																																																							
A3810	Issue Final Construction Documents		31-May-22 A	◆ Issue Final Construction Documents																																																							
Pre-Construction				02-Apr-22 A				30-Dec-22																																																			
A3820	Issue for Bid		02-Apr-22 A	◆ Issue for Bid																																																							
A3830	Bids Due	17-May-22 A	17-May-22 A	Bids Due																																																							
A3840	Select Contractor	03-Jun-22*	03-Jun-22	Select Contractor																																																							
A3880	Company Obtained Permits Issued to Contractor	03-Jun-22*	31-Aug-22	■ Company Obtained Permits Issued to Contractor																																																							
A3850	Contract Execution	06-Jun-22	28-Jul-22	■ Contract Execution																																																							
A3860	Limited Notice to Proceed	29-Jul-22	29-Jul-22	Limited Notice to Proceed																																																							
A3870	Critical Submittals	01-Aug-22	31-Aug-22	■ Critical Submittals																																																							
A3890	Issue Full Notice to Proceed	30-Dec-22*	30-Dec-22	Issue Full Notice to Proceed																																																							

■ Actual Work ■ Critical Remaining Work
■ Remaining Work ◆ Milestone

Date	Revision	Checked	Approved
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Activity ID	Activity Name	Start	Finish	2019				2020				2021				2022				2023				2024				2025				2026				2027				2028				2029				2030			
				Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q				
Construction		24-Jan-23	01-Dec-23																																																
A3900	Mobilization	24-Jan-23*	17-Feb-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Mobilization </div>																																															
A3910	Office Trailer Setup & Temporary Power	24-Jan-23	17-Feb-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Office Trailer Setup & Temporary Power </div>																																															
A3920	Site Demolition	06-Feb-23	07-Mar-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Site Demolition </div>																																															
A3930	Relocate Electrical Service	08-Mar-23	04-Apr-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Relocate Electrical Service </div>																																															
A3940	Complete Metering Vault	05-Apr-23	01-Jun-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Complete Metering Vault </div>																																															
A4000	Chinook Incubation Building	10-Apr-23	24-Aug-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Chinook Incubation Building </div>																																															
A4010	Adult Holding / Sorting Ponds / Settling Basin	17-Apr-23	30-Aug-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Adult Holding / Sorting Ponds / Settling Basin </div>																																															
A3950	Diversion A & B	01-May-23	05-Jul-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Diversion A & B </div>																																															
A3960	Flume Demolition	01-May-23	05-Jul-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Flume Demolition </div>																																															
A3970	Chinook Fish Release Pipe	08-May-23	05-Jul-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Chinook Fish Release Pipe </div>																																															
A3980	Fish Barrier	08-May-23	05-Jul-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Fish Barrier </div>																																															
A3990	Fishway Ladder	08-May-23	05-Jul-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Fishway Ladder </div>																																															
A4020	Spawning Building	06-Jul-23	07-Sep-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Spawning Building </div>																																															
A4030	Coho Building & Raceways	06-Jul-23	21-Sep-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Coho Building & Raceways </div>																																															
A4040	Chinook Rearing Ponds	06-Jul-23	22-Aug-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Chinook Rearing Ponds </div>																																															
A4060	Testing and Commissioning	22-Sep-23	02-Oct-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Testing and Commissioning </div>																																															
A4070	Egg Transfer from IGH	03-Oct-23	01-Dec-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Egg Transfer from IGH </div>																																															
A4050	Substantial Completion for Fish Rearing		01-Dec-23	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Substantial Completion for Fish Rearing </div>																																															
Project Closeout		04-Dec-23	02-Dec-24																																																
A4090	As-Constructed Drawings	04-Dec-23	01-Mar-24	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> As-Constructed Drawings </div>																																															
A4100	Final O&M Manuals	04-Dec-23	01-Mar-24	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Final O&M Manuals </div>																																															
A4110	Warranty	04-Dec-23	02-Dec-24	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Warranty </div>																																															
Lakeview Road Bridge		26-Jun-21 A	29-Nov-23																																																
Project Kick Off		26-Jun-21 A	20-Aug-21 A																																																
A2700	NTP	26-Jun-21 A		<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> NTP </div>																																															
A2710	Kickoff Meeting (Internal)	09-Aug-21 A		<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Kickoff Meeting (Internal) </div>																																															
A2720	Kickoff Meeting (Client)	20-Aug-21 A		<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Kickoff Meeting (Client) </div>																																															
A2730	Initial Site Visit	20-Aug-21 A		<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Initial Site Visit </div>																																															
Survey On-Site		23-Aug-21 A	03-Sep-21 A																																																
A2740	Site Work Survey	23-Aug-21 A	03-Sep-21 A	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Site Work Survey </div>																																															
Design Criteria		23-Aug-21 A	29-Oct-21 A																																																
A2760	Development of Criteria & PacifiCorp Review	23-Aug-21 A	29-Oct-21 A	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Development of Criteria & PacifiCorp Review </div>																																															
Design Workshop		20-Sep-21 A	17-Nov-21 A																																																
A2780	Develop Prelim Design / Agenda Materials / Design Workshop	20-Sep-21 A	17-Nov-21 A	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> Develop Prelim Design / Agenda Materials / Design Workshop </div>																																															
Final Design		02-Dec-21 A	14-Nov-22																																																
A2790	60% Design	02-Dec-21 A	08-Mar-22 A	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> 60% Design </div>																																															
A2900	PacifiCorp Review	09-Mar-22 A	22-Mar-22 A	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> PacifiCorp Review </div>																																															
A2910	90% Design	23-Mar-22 A	06-May-22 A	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></div> 90% Design </div>																																															

■ Actual Work ■ Critical Remaining Work
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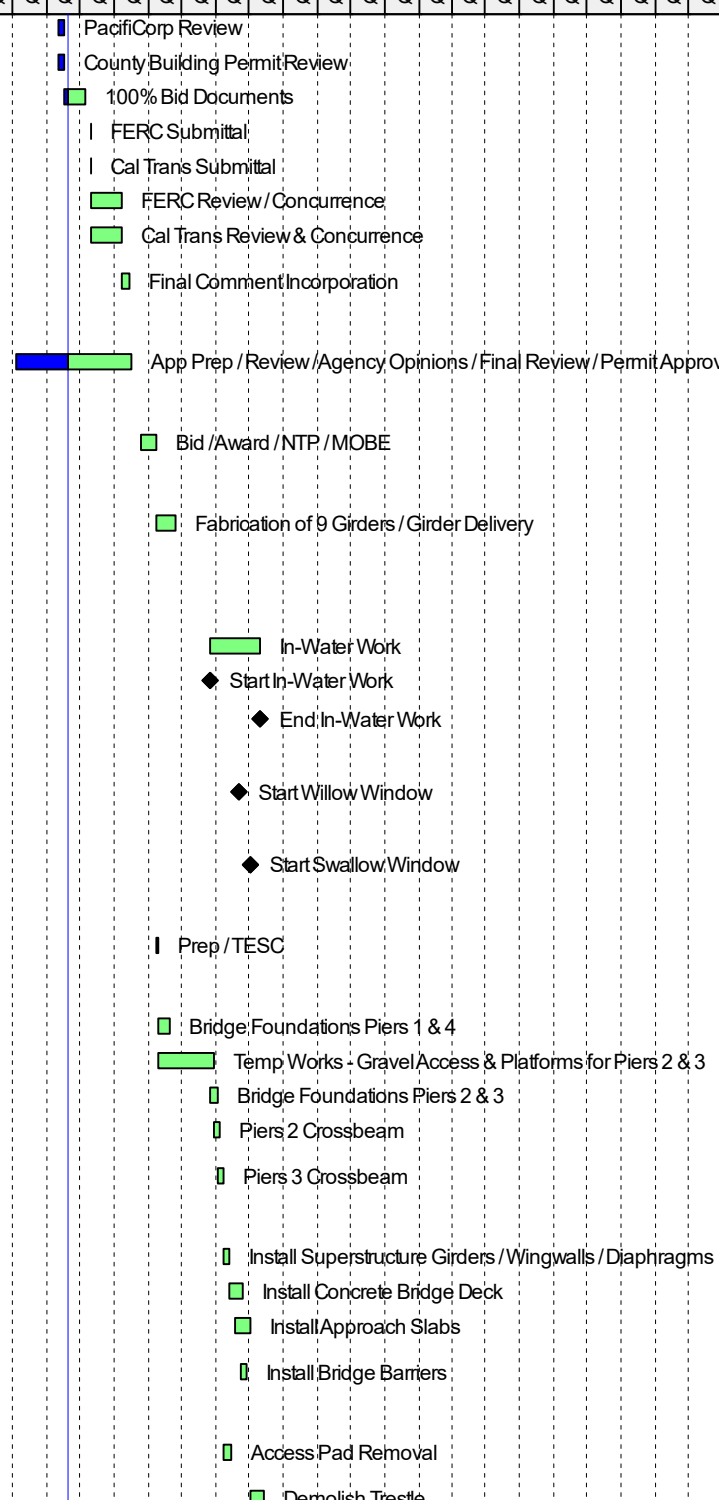
Date	Revision	Checked	Approved
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KLAMATH RIVER RENEWAL PROJECT - CONSTRUCTION SCHEDULE



Activity ID	Activity Name	Start	Finish	2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030		
				Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
A2920	PacifiCorp Review	06-May-22A	20-May-22A																									
A2930	County Building Permit Review	06-May-22A	20-May-22A																									
A2940	100% Bid Documents	20-May-22A	14-Jul-22																									
A2950	FERC Submittal	30-Jul-22	30-Jul-22																									
A2970	Cal Trans Submittal	30-Jul-22	30-Jul-22																									
A2960	FERC Review / Concurrence	30-Jul-22	21-Oct-22																									
A2980	Cal Trans Review & Concurrence	30-Jul-22	21-Oct-22																									
A2990	Final Comment Incorporation	22-Oct-22	14-Nov-22																									
Permitting Process		07-Jan-22A	15-Nov-22																									
A2800	App Prep / Review / Agency Opinions / Final Review / Permit Approval	07-Jan-22A	15-Nov-22																									
Advertisement / Bid / Award / Mobe		13-Dec-22	24-Jan-23																									
A2810	Bid / Award / NTP / MOBE	13-Dec-22*	24-Jan-23																									
Fabrication / Procurement		24-Jan-23	18-Mar-23																									
A2820	Fabrication of 9 Girders / Girder Delivery	24-Jan-23	18-Mar-23																									
Work Windows		15-Jun-23	01-Nov-23																									
In-Water Work		15-Jun-23	01-Nov-23																									
A2860	In-Water Work	15-Jun-23*	01-Nov-23																									
A3000	Start In-Water Work	15-Jun-23*																										
A3010	End In-Water Work		01-Nov-23																									
Willow		01-Sep-23	01-Sep-23																									
A3020	Start Willow Window	01-Sep-23*																										
Swallow		02-Oct-23	02-Oct-23																									
A3030	Start Swallow Window	02-Oct-23*																										
Prep / TESC		25-Jan-23	28-Jan-23																									
A2850	Prep / TESC	25-Jan-23	28-Jan-23																									
Bridge Foundation		30-Jan-23	24-Jul-23																									
A2840	Bridge Foundations Piers 1 & 4	30-Jan-23	01-Mar-23																									
A3040	Temp Works - Gravel Access & Platforms for Piers 2 & 3	30-Jan-23	26-Jun-23																									
A3050	Bridge Foundations Piers 2 & 3	17-Jun-23	07-Jul-23																									
A3060	Piers 2 Crossbeam	28-Jun-23	14-Jul-23																									
A3070	Piers 3 Crossbeam	08-Jul-23	24-Jul-23																									
Superstructure		24-Jul-23	05-Oct-23																									
A2830	Install Superstructure Girders / Wingwalls / Diaphragms	24-Jul-23	10-Aug-23																									
A3080	Install Concrete Bridge Deck	08-Aug-23	12-Sep-23																									
A3100	Install Approach Slabs	23-Aug-23	05-Oct-23																									
A3090	Install Bridge Barriers	11-Sep-23	25-Sep-23																									
Remove Temporary Works		24-Jul-23	11-Nov-23																									
A2870	Access Pad Removal	24-Jul-23	12-Aug-23																									
A3110	Demolish Trestle	06-Oct-23	11-Nov-23																									



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Activity ID	Activity Name	Start	Finish	2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030	
				Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Pavement Improvements		11-Nov-23	15-Nov-23																								
A2880	Final Grading of Boat Ramp	11-Nov-23	13-Nov-23																								
A3120	HMA Final Lift at Bridge Approaches	13-Nov-23	15-Nov-23																								
Planting / Wrap-Up / Completion		13-Nov-23	29-Nov-23																								
A2890	Native Planting Along Slopes	13-Nov-23	15-Nov-23																								
A3130	Reinstall Permanent Signs	15-Nov-23	16-Nov-23																								
A3140	Striping	15-Nov-23	16-Nov-23																								
A3150	Substantial Completion		16-Nov-23																								
A3160	Chain-link Fence Install at Fish Hatchery	16-Nov-23	21-Nov-23																								
A3170	Remove Traffic Control Signs	21-Nov-23	22-Nov-23																								
A3180	Final Cleanup / Punchlist	22-Nov-23	29-Nov-23																								
A3190	Project Completion		29-Nov-23																								

█ Actual Work █ Critical Remaining Work
█ Remaining Work ◆ Milestone

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