

Permanente Creek Restoration Plan Supplemental EIR

Data Request (1/20/23) - Construction Assumptions Attachment

Estimated Material Handling Volumes

Site Area	49.2	acres
Volume of infill to be brought in	27,099	cubic yards
Volume of material to be exported	0	cubic yards

Estimated Overall Construction Schedule

Start date of construction	April 2024
First year of operation	

Construction Area	Year	Construction Start Date	Construction End Date	No. of days/week	No. of Workdays
Concrete Channel/Channel Widening (Phase 1)	2024	April 15th	October 15th	5	130
Rock Pile Area (Phase 1)	2025	April 15th	October 15th	5	130
Rock Pile Area (Phase 2)	2026	April 15th	October 15th	5	130
Channel Widening (Phase 2)	2027	April 15th	October 15th	5	130
Material Removal Area (Phase 1)/Older Crusher Foundation	2028	April 15th	October 15th	5	130
Material Removal Area (Phase 2)	2029	April 15th	October 15th	5	130

Construction Equipment

Please list the types of construction equipment that would be used for each phase by selecting from the drop down menu in each cell.

Concrete Channel

Equipment	Number	Hrs/day used	No. of Days used
Stihl FS 561 Clearing Saw	1	4	8
Stihl FS 70 String Trimmer	1	4	8
Pickup Truck	2	3	20

Channel Widening

Equipment	Number	Hrs/day used	No. of Days used
Caterpillar 350 Excavator	1	6	63
Caterpillar 313 Excavator	1	6	31
Caterpillar 740 (40 Ton Haul Truck)	2	6	59
Caterpillar 980 Loader	1	4	7
Caterpillar 299 (tracked skid steer loader)	1	4	48
Dump truck (10 CY)	1	4	9
Pickup Truck	2	4	20
Hydroseeding Truck (1500 gal)	1	8	1
Water Truck (3000 gal)	1	4	60
Caterpillar D8 Bulldozer	1	6	13

Rock Pile Area

Equipment	Number	Hrs/day used	No. of Days used
Caterpillar 350 Excavator	2	8	72
Caterpillar 313 Excavator	1	8	71
Caterpillar 740 (40 Ton Haul Truck)	4	8	95
Caterpillar 980 Loader	1	4	13
Caterpillar 299 (tracked skid steer loader)	1	4	46
Dump truck (10 CY)	1	4	13
Pickup Truck	2	4	13
Hydroseeding Truck (1500 gal)	1	8	1
Water Truck (3000 gal)	1	4	60
Caterpillar Compactor CP56	1	6	8
Caterpillar D8 Bulldozer	1	6	20

"Old Crusher Foundation"

Equipment	Number	Hrs/day used	No. of Days used
7500 Watt Generator	1	6	7
Pickup Truck	1	4	7

Material Removal Area

Equipment	Number	Hrs/day used	No. of Days used
Caterpillar 350 Excavator	2	8	61
Caterpillar 313 Excavator	1	8	60
Caterpillar 740 (40 Ton Haul Truck)	4	8	82
Caterpillar 980 Loader	1	4	14
Caterpillar 299 (tracked skid steer loader)	1	4	37
Dump truck (10 CY)	1	4	9
Pickup Truck	2	4	15
Hydroseeding Truck (1500 gal)	1	8	3
Water Truck (3000 gal)	1	4	60
Caterpillar D8 Bulldozer	1	6	20

Vehicle Trips

Please provide the number of **one-way vehicle trips** associated with workers, material delivery and hauling during each construction phase

Construction Phase	Worker Commute trips/day	Vendor (e.g., water trucks) Trips/day	Hauling Total Trips
Concrete Channel	8	25	2
Channel Widening	12	216	343
Rock Pile Area	16	216	1481
"Old Crusher Foundation"	8	25	2
Material Removal Area	16	216	1276
Average miles per trip (if known)			