Appendix S

Transportation and Circulation Analysis Data

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This appendix presents a detailed analysis of the hauling and worker trips for each alternative. Hauling trips include trips to a local recycling facility in Weed, California, as well as truck trips for additional deconstructed materials to disposal sites outside of the project boundaries.

Table S-1. Alternative 2 Hauling and Worker Trips

		Alternative 2 - Full Removal								
		J.C. Boyle		Copco 1		Copco 2		Iron Gate		
Roads	Baseline (projected) AADT	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Total AADT
Interstate 5 (California) (1)	18,350			56	10	64	34	80	10	18,604
Interstate 5 (Oregon)	15,100	12								15,112
OR66	490	72	20							582
US97	9,300	60	20							9,380
Copco Rd (2)	250			56	10	64	34	80	10	504
Topsy Grade Rd (2)	200		20							220
Unpaved Access Roads (2)	30		420		100		200		1700	2,450

Source: Bureau of Reclamation (Reclamation) 2012; Caltrans Traffic Data Branch and ODOT Traffic Counting Program, projections by CDM

(1) Uses peak month AADT to determine 2020 baseline
(2) Estimated Average Daily Traffic is based on field observations

Table S-2. Alternative 3 Hauling and Worker Trips

Roads		Alternative 3 - Partial Removal								
		J.C. Boyle		Copco 1		Copco 2		Iron Gate		
	Baseline (projected) AADT	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Total AADT
Interstate 5 (California) (1)	18,350			56	10	60	34	80	10	18,600
Interstate 5 (Oregon)	15,100	11								15,111
OR66	490	64	20							574
US97	9,300	53	20							9,373
Copco Rd (2)	250			56	10	60	34	80	10	500
Topsy Grade Rd (2)	200		20							220
Unpaved Access Roads (2)	30		420		100		200		1700	2,450

Source: Reclamation 2012; Caltrans Traffic Data Branch and ODOT Traffic Counting Program, projections by CDM
(1)Uses peak month AADT to determine 2020 baseline
(2)Estimated Average Daily Traffic is based on field observations

Table S-3. Alternative 4 Hauling and Worker Trips

Roads		Alternative 4 - Fish Passage Four Dams (2)								
		J.C. Boyle		Copco 1		Copco 2		Iron Gate		
	Baseline (projected) AADT	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Total AADT
Interstate 5 (California) (1)	18,350			40		24		40		18,454
Interstate 5 (Oregon)	15,100	4								15,104
OR66	490	24								514
US97	9,300	20								9,320
Copco Rd (2)	250			40		24		40		354
Topsy Grade Rd (2)	200									200
Unpaved Access Roads (2)	30		18		18		18		18	102

Source: Reclamation 2012; Caltrans Traffic Data Branch and ODOT Traffic Counting Program, projections by CDM
(1)Uses peak month AADT to determine 2020 baseline
(2)Estimated Average Daily Traffic is based on field observations

Table S-4 Alternative 5 Hauling and Worker Trips

Roads		Alternative 5 - Remove 2 Dams FP 2 Dams (2)								
		J.C. Boyle		Copco 1		Copco 2		Iron Gate		
	Baseline (projected) AADT	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Workers (daily trips)	Hauling (daily trips)	Total AADT
Interstate 5 (California) (1)	18,350			56	10	24		80	10	18,530
Interstate 5 (Oregon)	15,100	4								15,104
OR66	490	24								514
US97	9,300	20								9,320
Copco Rd (2)	250			56	10	24		80	10	430
Topsy Grade Rd (2)	200									200
Unpaved Access Roads (2)	30		18		100		18		1700	1,866

Source: Reclamation 2012; Caltrans Traffic Data Branch and ODOT Traffic Counting Program, projections by CDM

(1)Uses peak month AADT to determine 2020 baseline

(2)Estimated Average Daily Traffic is based on field observations

S.1 References

Bureau of Reclamation (Reclamation). 2012. "Detailed Plan for Dam Removal – Klamath River Dams." Klamath Hydroelectric Project, FERC License No. 2082, Oregon – California. Prepared for Mid-Pacific Region, Bureau of Reclamation, Technical Service Center, Denver, CO.

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