



	Section 404 Permit Application		 <small>DAVID EVANS AND ASSOCIATES INC.</small>
	Document Number: J1-000-RGL-PMT-DEA-00002-00		
	Rev.: B	Rev. Date: October 13, 2017	

Tables

Table 1: Landowner Information Associated with Wetlands

Table B.3-4: Fish Utilization, EFH, Crossing Techniques/Rationales, In-Water Work Windows, and Bridges for Waterbodies

Table A.8-1: Access Road Table

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Tables

Table 1: Landowner Information Associated with Wetlands

Landowners Associated with Wetlands and Waterbodies Affected by the PCGP Project

Milepost	Wetland ID	County	PLS	Longitude	Latitude	Owner	APN Number	Map Tax ID	Address	City State Zip
0.00	Alt_Wetl_N M	Coos	Section 4, T25S, R13W	-124.244	43.43358	FORT CHICAGO HOLDINGS II U.S., LLC	309702	25S13W04TL0010000	125 W CENTRAL AVE, SUITE 380	COOS BAY, OR 97420
0.00	Alt_Wetl_N A	Coos	Section 4, T25S, R13W	-124.249	43.43537	FORT CHICAGO HOLDINGS II U.S., LLC	309702	25S13W04TL0010000	125 W CENTRAL AVE, SUITE 380	COOS BAY, OR 97420
0.00	Alt_Wetl_N E	Coos	Section 4, T25S, R13W	-124.248	43.43534	FORT CHICAGO HOLDINGS II U.S., LLC	309702	25S13W04TL0010000	125 W CENTRAL AVE, SUITE 380	COOS BAY, OR 97420
0.00	Alt_Wetl_N H (West)	Coos	Section 4, T25S, R13W	-124.244	43.43436	FORT CHICAGO HOLDINGS II U.S., LLC	309702	25S13W04TL0010000	125 W CENTRAL AVE, SUITE 380	COOS BAY, OR 97420
0.14	J	Coos	Section 3, T25S, R13W	-124.238	43.43222	FORT CHICAGO HOLDINGS II U.S., LLC	309600	25S13W03TL0020000	125 W CENTRAL AVE, SUITE 380	COOS BAY, OR 97420
0.28 to 1.00 1.46-3.02	NE-26	Coos	Coos Bay	-124.229724	43.446285	STATE OF OREGON DEPT OF STATE LANDS	186104		775 SUMMER ST NE, SUITE 100	SALEM, OR 97301
1.16	APC-C2	Coos	Section 10, T25S, R13W	-124.225	43.42279	APCO COOS PROPERTIES, LLC	312301	25S13W10TL0100000	PO BOX 300	COOS BAY, OR 97420
1.2	EE-WW-9902	Coos	Section 10, T25S, R13W	-124.224	43.42236	STATE OF OREGON	312400	25S13W10TL0080000	355 CAPITOL ST NE	SALEM, OR 97301
1.41	EE-WW-9902	Coos	Section 10, T25S, R13W	-124.22	43.42164	LTM, INC.	313900	25S13W10TL0010000	PO BOX 1720	COOS BAY, OR 97420
3.25	KEN-A1 (NW-117 / EE-6A)	Coos	Section 1, T25S, R13W	-124.185	43.42301	FORT CHICAGO HOLDINGS II U.S., LLC	258706	25S13W01DTL0040000	125 W CENTRAL AVE	COOS BAY, OR 97420
3.28	EE-SS-9004 (EE-6)	Coos	Section 1, T25S, R13W	-124.184	43.42203	FORT CHICAGO HOLDINGS II U.S., LLC	258706	25S13W01DTL0040000	125 W CENTRAL AVE	COOS BAY, OR 97420
3.28	EE-SS-9004 (EE-6)	Coos	Section 12, T25S, R13W	-124.184	43.42203	FORT CHICAGO HOLDINGS II US LLC	258707	25S13W12ATL0010000	125 W CENTRAL AVE	COOS BAY, OR 97420
3.33	KEN-A2 (NW-117 / EE-6A)	Coos	Section 1, T25S, R13W	-124.182	43.4233	FORT CHICAGO HOLDINGS II U.S., LLC	258706	25S13W01DTL0040000	125 W CENTRAL AVE	COOS BAY, OR 97420

Milepost	Wetland ID	County	PLS	Longitude	Latitude	Owner	APN Number	Map Tax ID	Address	City State Zip
3.33	KEN-A2 (NW-117 / EE-6A)	Coos	Section 12, T25S, R13W	-124.182	43.4233	FORT CHICAGO HOLDINGS II US LLC	258707	25S13W12ATL0010000	125 W CENTRAL AVE	COOS BAY, OR 97420
6.39	KEN-A1 W1-01 (NW-117 / EE-6A)	Coos	Section 6, T25S, R12W	-124.175	43.42863	FORT CHICAGO HOLDINGS II U.S., LLC	258700	25S12W06CTL0010000	125 W CENTRAL AVE	COOS BAY, OR 97420
6.39	KEN-A1 W1-01 (NW-117 / EE-6A)	Coos	Section 6, T25S, R12W	-124.175	43.42863	FORT CHICAGO HOLDINGS II U.S., LLC	258706	25S13W01DTL0040000	125 W CENTRAL AVE	COOS BAY, OR 97420
6.39	KEN-A2 W1-01 (NW-117 / EE-6A)	Coos	Section 6, T25S, R12W	-124.175	43.4271	FORT CHICAGO HOLDINGS II U.S., LLC	258700	25S12W06CTL0010000	125 W CENTRAL AVE	COOS BAY, OR 97420
6.39	KEN-A2 W1-01 (NW-117 / EE-6A)	Coos	Section 6, T25S, R12W	-124.175	43.4271	FORT CHICAGO HOLDINGS II U.S., LLC	258706	25S13W01DTL0040000	125 W CENTRAL AVE	COOS BAY, OR 97420
6.39	S1-01 (EE-6)	Coos	Section 6, T25S, R12W	-124.177	43.42695	FORT CHICAGO HOLDINGS II U.S., LLC	258700	25S12W06CTL0010000	125 W CENTRAL AVE	COOS BAY, OR 97420
6.39	S1-01 (EE-6)	Coos	Section 6, T25S, R12W	-124.177	43.42695	FORT CHICAGO HOLDINGS II U.S., LLC	258706	25S13W01DTL0040000	125 W CENTRAL AVE	COOS BAY, OR 97420
6.47	W1-02	Coos	Section 6, T25S, R12W	-124.178	43.42625	FORT CHICAGO HOLDINGS II U.S., LLC	258700	25S12W06CTL0010000	125 W CENTRAL AVE	COOS BAY, OR 97420
6.47	W1-02	Coos	Section 6, T25S, R12W	-124.178	43.42625	LONE ROCK TIMBER INVESTMENTS I, LLC	258711	25S12W06CTL0060100	PO BOX 1127	ROSEBURG, OR 97470
8.27	S1-04 (EE-7 (MOD))	Coos	Section 18, T25S, R12W	-124.16	43.40633	SWEET, STEVEN	274603	25S12W18TL0020000	95469 BROOKHAVEN LN	NORTH BEND, OR 97459
8.33	W1-04	Coos	Section 18, T25S, R12W	-124.16	43.4056	SWEET, STEVEN	273404	25S12W17TL0030000	95469 BROOKHAVEN LN	NORTH BEND, OR 97459
8.33	W1-04	Coos	Section 18, T25S, R12W	-124.16	43.4056	SWEET, STEVEN	274603	25S12W18TL0020000	95469 BROOKHAVEN LN	NORTH BEND, OR 97459
8.46	GDX-30	Coos	Section 17, T25S, R12W	-124.159	43.40463	SHAW, JACKIE LYNN and BELINDA A.	273400	25S12W17TL0060000	95004 LINDGREN LN	NORTH BEND, OR 97459

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10.21	SS-100-002	Coos	Section 20, T25S, R12W	-124.15	43.38282	ECHO CREEK, LLC	277200	25S12W20TL0030000	1500 NE IRVING	PORTLAND, OR 97232
11.01	WW-100-001	Coos	Section 29, T25S, R12W	-124.141	43.37554	ZINK, MICHELLE S.	288500	25S12W29TL0040000	95665 HWY 241	COOS BAY, OR 97420
11.01	WW-100-001	Coos	Section 29, T25S, R12W	-124.141	43.37468	ODOT			4040 Fairview Ind DR SE MS#2	Salem, OR 97301
11.01	WW-100-001	Coos	Section 29, T25S, R12W	-124.141	43.37468	WEYERHAEUSER COMPANY	289501	25S12W29TL0140000	PO BOX 9777	FEDERAL WAY, WA 98063
11.13	BSP-119	Coos	Section 29, T25S, R12W	-124.146	43.37058	DSL (DEPT. OF STATE LANDS)			775 SUMMER ST NE, SUITE 100	SALEM, OR 97301
11.13	BSP-119	Coos	Section 29, T25S, R12W	-124.146	43.37058	WEYERHAEUSER COMPANY	289501	25S12W29TL0140000	PO BOX 9777	FEDERAL WAY, WA 98063
11.26	WW-222-002	Coos	Section 28, T25S, R12W	-124.139	43.37242	JEANNETTE M. BRUNELL TRUST	287700	25S12W28TL0150000	PO BOX 148	COOS BAY, OR 97420
11.39	WW-500-001	Coos	Section 28, T25S, R12W	-124.139	43.37048	JEANNETTE M. BRUNELL TRUST	287700	25S12W28TL0150000	PO BOX 148	COOS BAY, OR 97420
11.55	SS-100-005 (BR-S-02)	Coos	Section 28, T25S, R12W	-124.135	43.36628	FRED MESSERLE and SONS, INC.	287900	25S12W28TL0140000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
11.55	SS-100-005 (BR-S-02)	Coos	Section 28, T25S, R12W	-124.135	43.36628	FRED MESSERLE and SONS, INC.	299000	25S12W33TL0010000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
11.74	BR-W-03	Coos	Section 33, T25S, R12W	-124.137	43.36588	FRED MESSERLE and SONS, INC.	287900	25S12W28TL0140000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
11.74	BR-W-03	Coos	Section 33, T25S, R12W	-124.137	43.36588	FRED MESSERLE and SONS, INC.	299000	25S12W33TL0010000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
11.88	BR-S-04	Coos	Section 33, T25S, R12W	-124.135	43.36495	FRED MESSERLE and SONS, INC.	299000	25S12W33TL0010000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420

Milepost	Wetland ID	County	PLS	Longitude	Latitude	Owner	APN Number	Map Tax ID	Address	City State Zip
12	BR-W-03	Coos	Section 33, T25S, R12W	-124.132	43.36429	FRED MESSERLE and SONS, INC.	299000	25S12W33TL0010000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
12.11	BR-S-06	Coos	Section 33, T25S, R12W	-124.131	43.3639	FRED MESSERLE and SONS, INC.	299000	25S12W33TL0010000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
12.12	EE-WW-9927	Coos	Section 33, T25S, R12W	-124.13	43.36344	FRED MESSERLE and SONS, INC.	299000	25S12W33TL0010000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
13.41	EE-SS-9021	Coos	Section 4, T26S, R12W	-124.128	43.34889	COOS BAY BLM DISTRICT	462890	26S12W04TL0010000	1300 AIRPORT LANE	NORTHBEND, OR 97459
13.92	EE-SS-9026	Coos	Section 4, T26S, R12W	-124.134	43.34566	BAVARIAN OLYMPUS TIMBER, LLC	462900	26S12W04TL0050000	15 Piedmont Center Ste 1250	Atlanta, GA 30305
14.72	BR-S-31	Coos	Section 4, T26S, R12W	-124.136	43.33846	FRED MESSERLE and SONS, INC.	463200	26S12W04TL0070000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
15.01	BR-W-04A	Coos	Section 9, T26S, R12W	-124.138	43.3346	FRED MESSERLE and SONS, INC.	469800	26S12W09TL0120000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
15.08	BR-W-04B	Coos	Section 9, T26S, R12W	-124.138	43.33359	COOS COUNTY			250 N BAXTER	COQUILLE, OR 97423
15.08	BR-W-04B	Coos	Section 9, T26S, R12W	-124.138	43.33359	FRED MESSERLE and SONS, INC.	469800	26S12W09TL0120000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
15.11	BR-S-36	Coos	Section 9, T26S, R12W	-124.14	43.33292	FRED MESSERLE and SONS, INC.	469900	26S12W09TL0140000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
15.11	BR-S-36	Coos	Section 9, T26S, R12W	-124.136	43.33272	FRED MESSERLE and SONS, INC.	469900	26S12W09TL0140000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
15.15	BR-W-05	Coos	Section 9, T26S, R12W	-124.139	43.33211	FRED MESSERLE and SONS, INC.	469900	26S12W09TL0140000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
15.16	BR-S-30	Coos	Section 9, T26S, R12W	-124.135	43.33829	FRED MESSERLE and SONS, INC.	469800	26S12W09TL0120000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420

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15.32	EE-SS-9068	Coos	Section 9, T26S, R12W	-124.135	43.33143	FRED MESSERLE and SONS, INC.	469900	26S12W09TL0140000	94881 STOCK SLOUGH LN	COOS BAY, OR 97420
20.2	SS-500-003 (BR-S-63)	Coos	Section 26, T26S, R12W	-124.093	43.28288	COOS BAY BLM DISTRICT	490800	26S12W00TL0090000	1300 AIRPORT LANE	NORTHBEND, OR 97459
20.99	WW-500-003	Coos	Section 35, T26S, R12W	-124.087	43.27332	BLM-OANDC REVESTED GRANT	499300	26S12W00TL0220000	1300 Airport Lane	North Bend, OR 97459
22.72	DA-10X	Coos	Section 24, T27S, R12W	-124.079	43.21028	WILLIAMS, VIRGIL D. and CAROL	665904	27S12W24CTL0170000	58167 FAIRVIEW RD	COQUILLE, OR 97423
22.78	NW-40	Coos	Section 24, T27S, R12W	-124.078	43.20983	WILLIAMS, VIRGIL D. and CAROL	665904	27S12W24CTL0170000	58167 FAIRVIEW RD	COQUILLE, OR 97423
22.78	NW-40	Coos	Section 24, T27S, R12W	-124.078	43.20983	YATES, CHARLES and JOHANNA and SCHLATTER	666700	27S12W25TL0020000	96640 BURTON PRAIRIE LN	COQUILLE, OR 97423
23.06	BSP-207	Coos	Section 25, T27S, R12W	-124.075	43.2069	YATES, CHARLES and JOHANNA and SCHLATTER	666700	27S12W25TL0020000	96640 BURTON PRAIRIE LN	COQUILLE, OR 97423
23.06	BSP-207	Coos	Section 25, T27S, R12W	-124.075	43.2069	FISHER, DONALD L. and SHIRLEY J.	666701	27S12W25TL0020100	97182 LONE PINE LN	COQUILLE, OR 97423
23.38	WW-222-009 (CW-10)	Coos	Section 25, T27S, R12W	-124.07	43.20446	BLM-OANDC REVESTED GRANT	666600	27S12W25TL0010000	1300 Airport Lane	North Bend, OR 97459
24.32	BR-S-63	Coos	Section 26, T26S, R12W	-124.094	43.23157	CARY A. NORMAN LIVING TRUST	656800	27S12W14TL0030000	96121 FAIRVIEW SUMNER LN	COQUILLE, OR 97423
25.18	EE-SS-9073	Coos	Section 30, T27S, R11W	-124.045	43.20047	NEW GROWTH OLYMPUS LLC	641600	27S11W00TL0150000	15 PIEDMONT CENTER	ATLANTA, GA 30305
27.01	BSI-137	Coos	Section 5, T28S, R11W	-124.031	43.17786	BLM-OANDC REVESTED GRANT	815100	28S11W05TL0010000	1300 Airport Lane	North Bend, OR 97459
27.02	WW-222-005 (BW-134)	Coos	Section 5, T28S, R11W	-124.03	43.17787	BLM-OANDC REVESTED GRANT	815100	28S11W05TL0010000	1300 Airport Lane	North Bend, OR 97459

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27.03	BSI-135	Coos	Section 5, T28S, R11W	-124.03	43.17773	BLM-OANDC REVESTED GRANT	815100	28S11W05TL0010000	1300 Airport Lane	North Bend, OR 97459
27.04	BSP-133	Coos	Section 5, T28S, R11W	-124.03	43.17767	BLM-OANDC REVESTED GRANT	815100	28S11W05TL0010000	1300 Airport Lane	North Bend, OR 97459
28.86	BSP-77	Coos	Section 10, T28S, R11W	-124.005	43.16262	PACIFIC WEST TIMBER COMPANY (OREGON), LLC	818500	28S11W10TL0100000	ONE SW COLUMBIA	PORTLAND, OR 97258
29.3	BSP-74	Coos	Section 10, T28S, R11W	-124	43.15786	LONE ROCK TIMBER INVESTMENTS I, LLC	818600	28S11W10TL0090000	PO Box 1127	Roseburg, OR 97470
29.47	BSI-76	Coos	Section 10, T28S, R11W	-123.997	43.15673	LONE ROCK TIMBER INVESTMENTS I, LLC	818600	28S11W10TL0090000	PO Box 1127	Roseburg, OR 97470
29.52	BW-72	Coos	Section 10, T28S, R11W	-123.995	43.15569	GARRETT, CYNTHIA A.	818900	28S11W10TL0130000	13674 SITKUM LN	MYRTLE POINT, OR 97458
29.85	BSP-71	Coos	Section 10, T28S, R11W	-123.989	43.15392	GARRETT, CYNTHIA A.	818990		13674 SITKUM LN	MYRTLE POINT, OR 97458
30.22	SS-003-007A	Coos	Section 14, T28S, R11W	-123.984	43.15071	MOORE MILL and LUMBER CO.	821900	28S11W00TL0050000	PO Box 277	Bandon, OR 97411
30.29	SS-003-007B	Coos	Section 14, T28S, R11W	-123.982	43.15036	MOORE MILL and LUMBER CO.	821900	28S11W00TL0050000	PO Box 277	Bandon, OR 97411
31.64	BSI-70	Coos	Section 13, T28S, R11W	-123.964	43.1414	BLM-OANDC REVESTED GRANT	821300	28S11W13TL0090000	1300 Airport Lane	North Bend, OR 97459
32.4	BSP-57	Coos	Section 24, T28S, R11W	-123.951	43.13717	KEYSTONE FOREST INVESTMENTS, LLC	827800	28S11W24TL0010000	15 PIEDMONT CENTER	ATLANTA, GA 30305
32.44	BSP-55	Coos	Section 24, T28S, R11W	-123.951	43.13658	KEYSTONE FOREST INVESTMENTS, LLC	827800	28S11W24TL0010000	15 PIEDMONT CENTER	ATLANTA, GA 30305
32.56	SS-100-030	Coos	Section 24, T28S, R11W	-123.95	43.13485	KEYSTONE FOREST INVESTMENTS, LLC	827800	28S11W24TL0010000	15 PIEDMONT CENTER	ATLANTA, GA 30305

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32.63	SS-100-031	Coos	Section 24, T28S, R11W	-123.949	43.13429	KEYSTONE FOREST INVESTMENTS, LLC	827800	28S11W24TL0010000	15 PIEDMONT CENTER	ATLANTA, GA 30305
33	BSP-49	Coos	Section 24, T28S, R11W	-123.949	43.12918	KEYSTONE FOREST INVESTMENTS, LLC	827800	28S11W24TL0010000	15 PIEDMONT CENTER	ATLANTA, GA 30305
33.02	BSP-50	Coos	Section 24, T28S, R11W	-123.949	43.12891	KEYSTONE FOREST INVESTMENTS, LLC	827800	28S11W24TL0010000	15 PIEDMONT CENTER	ATLANTA, GA 30305
34.45	CW-6	Coos	Section 19, T28S, R10W	-123.934	43.11327	LONE ROCK TIMBERLAND CO	803000	28S10W00TL0360000	PO BOX 1127	ROSEBURG, OR 97470
34.46	CSP-5	Coos	Section 19, T28S, R10W	-123.933	43.11326	LONE ROCK TIMBERLAND CO	803000	28S10W00TL0360000	PO BOX 1127	ROSEBURG, OR 97470
34.46	CW-4	Coos	Section 19, T28S, R10W	-123.933	43.11322	LONE ROCK TIMBERLAND CO	803000	28S10W00TL0360000	PO BOX 1127	ROSEBURG, OR 97470
35.51	BSI-251	Coos	Section 29, T28S, R10W	-123.914	43.10942	BLM-OANDC REVESTED GRANT	808000	28S10W00TL0410000	1300 Airport Lane	North Bend, OR 97459
35.87	BLM-35.87 (CSP-2)	Coos	Section 29, T28S, R10W	-123.911	43.10618	BLM-OANDC REVESTED GRANT	808000	28S10W00TL0410000	1300 Airport Lane	North Bend, OR 97459
36.48	BLM-36.48	Coos	Section 29, T28S, R10W	-123.902	43.10411	BLM-OANDC REVESTED GRANT	808000	28S10W00TL0410000	1300 Airport Lane	North Bend, OR 97459
36.54	GSI-25 (BSI-253)	Coos	Section 28, T28S, R10W	-123.9	43.10535	BLM-OANDC REVESTED GRANT	807200	28S10W00TL0420000	1300 Airport Lane	North Bend, OR 97459
36.85	BLM-36.85	Coos	Section 28, T28S, R10W	-123.895	43.10494	BLM-OANDC REVESTED GRANT	807200	28S10W00TL0420000	1300 Airport Lane	North Bend, OR 97459
36.92	BSI-252	Coos	Section 28, T28S, R10W	-123.893	43.10627	BLM-OANDC REVESTED GRANT	807200	28S10W00TL0420000	1300 Airport Lane	North Bend, OR 97459
37.32	ESI-19	Coos	Section 28, T28S, R10W	-123.887	43.10566	BLM-OANDC REVESTED GRANT	807200	28S10W00TL0420000	1300 Airport Lane	North Bend, OR 97459

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37.35	ESP-20	Coos	Section 28, T28S, R10W	-123.886	43.10535	BLM-OANDC REVESTED GRANT	807200	28S10W00TL0420000	1300 Airport Lane	North Bend, OR 97459
43.63	WW-222-006 (CW-1)	Coos	Section 8, T29S, R9W	-123.797	43.06723	LONE ROCK TIMBERLAND CO	1056700	29S09W00TL0050000	PO BOX 1127	ROSEBURG, OR 97470
44.21	BSP-41	Coos	Section 8, T29S, R9W	-123.788	43.06394	PLUM CREEK TIMBERLANDS, L.P.	1056600	29S09W00TL0060000	220 Occidental Ave S	Seattle, WA 98104
46.56	S3-07 (BW-38)	Douglas	Section 10, T29S, R9W	-123.749	43.05843	PLUM CREEK TIMBERLANDS, L.P.	R14042	29090000500	220 Occidental Ave S	Seattle, WA 98104
46.56	W3-01 (BW-38 (MOD))	Douglas	Section 10, T29S, R9W	-123.749	43.05901	PLUM CREEK TIMBERLANDS, L.P.	R14042	29090000500	220 Occidental Ave S	Seattle, WA 98104
48.21	S3-06	Douglas	Section 14, T29S, R9W	-123.723	43.05115	DOUGLAS COUNTY	R14362	29091400101	1036 SE Douglas, Rm 320	Roseburg, OR 97470
48.27	BSP-257 (MOD)	Douglas	Section 13, T29S, R9W	-123.72	43.05035	BLM-OANDC REVESTED GRANT	R14290	29091300100	1300 Airport Lane	North Bend, OR 97459
48.27	BSP-257 (MOD)	Douglas	Section 13, T29S, R9W	-123.719	43.04999	BLM-OANDC REVESTED GRANT	R14290	29091300100	1300 Airport Lane	North Bend, OR 97459
49.94	BDX-32	Douglas	Section 7, T29S, R8W	-123.688	43.05519	BROWN, RICHARD P. and TWYLA J.	R10218	29080701700	2381 Upper Camas Rd	Camas Valley, OR 97416
50.02	BDX-31	Douglas	Section 7, T29S, R8W	-123.686	43.05513	BROWN, RICHARD P. and TWYLA J.	R10218	29080701700	2381 Upper Camas Rd	Camas Valley, OR 97416
50.28	BSP-30	Douglas	Section 7, T29S, R8W	-123.681	43.05539	NEAL C. BROWN FAMILY, LLC	R10266	29080800500	14138 NW Lakeshore Court	Portland, OR
50.45	GDX-36 (BSI-66 / 067)	Douglas	Section 8, T29S, R8W	-123.674	43.0569	NEAL C. BROWN FAMILY, LLC	R10266	29080800500	14138 NW Lakeshore Court	Portland, OR
50.71	GSI-37 (BSP-61)	Douglas	Section 8, T29S, R8W	-123.668	43.05561	NEAL C. BROWN FAMILY, LLC	R11298	29081700400	14138 NW Lakeshore Court	Portland, OR

Milepost	Wetland ID	County	PLS	Longitude	Latitude	Owner	APN Number	Map Tax ID	Address	City State Zip
51.02	S1-07 (GSI-38)	Douglas	Section 17, T29S, R8W	-123.666	43.05399	MURRAY, DANELLE and SPURLOCK	R142307	29081700200	1127 Kirkendall Road	Camas Valley, OR 97416
51.71	SS-222-006	Douglas	Section 16, T29S, R8W	-123.657	43.04988	STANDLEY, BRIAN S. and DARLA J.	R130630	29081600304	5160 Upper Camas Rd	Camas Valley, OR 97416
55.9	BSI-202	Douglas	Section 1, T29S, R8W	-123.585	43.07311	ADAMS, CLARENCE L. and STEPHANY D.	R73220	29080100900	2039 Ireland Rd	Winston, OR 97496
55.94	BSI-203	Douglas	Section 1, T29S, R8W	-123.584	43.07317	ADAMS, FRANK CHARLES	R73164	29080100800	1731 Ireland Rd	Winston, OR 97496
55.98	BW-164	Douglas	Section 1, T29S, R8W	-123.584	43.07319	EDWARDS, REBECCA J.	R73206	29080103500	1729 Ireland Rd	Winston, OR 97496
56.28	DA-13	Douglas	Section 6, T29S, R7W	-123.579	43.07155	JAMES, DEBRA	R69538	29070603100	1527 Ireland Rd	Winston, OR 97496
56.28	DA-13	Douglas	Section 6, T29S, R7W	-123.579	43.07155	DIMEGLIO, ANN and DEBBIE ANN PERRY	R69587	29070601700	1101 Englander St	San Pedro, CA 90731
56.34	DA-14	Douglas	Section 6, T29S, R7W	-123.577	43.07584	DIMEGLIO, ANN and DEBBIE ANN PERRY	R69587	29070601700	1101 Englander St	San Pedro, CA 90731
56.34	DA-14	Douglas	Section 6, T29S, R7W	-123.577	43.07584	DIMEGLIO, ANN and DEBBIE ANN PERRY	R69594	29070700700	1101 Englander St	San Pedro, CA 90731
56.69	DA-15	Douglas	Section 7, T29S, R7W	-123.571	43.07065	DOUGLAS COUNTY			1036 SE Douglas, Rm 320	Roseburg, OR 97470
56.69	DA-15	Douglas	Section 7, T29S, R7W	-123.571	43.07065	DIMEGLIO, ANN and DEBBIE ANN PERRY	R69594	29070700700	1101 Englander St	San Pedro, CA 90731
56.75	BW-160	Douglas	Section 7, T29S, R7W	-123.57	43.06985	DOUGLAS COUNTY			1036 SE Douglas, Rm 320	Roseburg, OR 97470
56.75	BW-160	Douglas	Section 7, T29S, R7W	-123.57	43.06985	DIMEGLIO, ANN and DEBBIE ANN PERRY	R69594	29070700700	1101 Englander St	San Pedro, CA 90731

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56.78	BW-161	Douglas	Section 7, T29S, R7W	-123.569	43.06963	DIMEGLIO, ANN and DEBBIE ANN PERRY	R69594	29070700700	1101 Englander St	San Pedro, CA 90731
56.78	BW-161	Douglas	Section 7, T29S, R7W	-123.569	43.06963	WAECHTER, ROGER D. and MARY R.	R69958	29070700600	PO Box 142	Tenmile, OR 97481
56.83	BW-162	Douglas	Section 7, T29S, R7W	-123.568	43.06883	WAECHTER, ROGER D. and MARY R.	R69769	29070700300	PO Box 142	Tenmile, OR 97481
56.83	BW-162	Douglas	Section 7, T29S, R7W	-123.568	43.06883	WEST, BRIAN and HEATHER	R69846	29070701500	790 Ireland Rd	Winston, OR 97496
56.97	BW-163	Douglas	Section 7, T29S, R7W	-123.566	43.06821	ALVEY, REGINALD MARK and RENEE CAROL	R69734	29070701900	PO Box 1086	Winston, OR 97496
56.97	BW-163	Douglas	Section 7, T29S, R7W	-123.566	43.06821	DICKE, KEVIN D. and KITTI L.	R69755	29070701701	PO Box 38	Tenmile, OR 97481
56.97	BW-163	Douglas	Section 7, T29S, R7W	-123.566	43.06821	WEST, BRIAN and HEATHER	R69846	29070701500	790 Ireland Rd	Winston, OR 97496
57.11	BSI-140	Douglas	Section 7, T29S, R7W	-123.564	43.0667	ALVEY, REGINALD MARK and RENEE CAROL	R69734	29070701900	PO Box 1086	Winston, OR 97496
57.14	BSI-140	Douglas	Section 7, T29S, R7W	-123.564	43.06649	ALVEY, REGINALD MARK and RENEE CAROL	R69734	29070701900	PO Box 1086	Winston, OR 97496
57.18	BW-142	Douglas	Section 7, T29S, R7W	-123.563	43.06646	JAMES, MATTHEW	R141831	29070800500	PO Box 685	Winston, OR 97496
57.25	BW-141	Douglas	Section 8, T29S, R7W	-123.561	43.06592	JAMES, MATTHEW	R141831	29070800500	PO Box 685	Winston, OR 97496
57.31	BSI-138	Douglas	Section 8, T29S, R7W	-123.562	43.06675	JAMES, MATTHEW	R141831	29070800500	PO Box 685	Winston, OR 97496
57.46	BW-145	Douglas	Section 8, T29S, R7W	-123.557	43.06588	JAMES, MATTHEW	R141831	29070800500	PO Box 685	Winston, OR 97496

Milepost	Wetland ID	County	PLS	Longitude	Latitude	Owner	APN Number	Map Tax ID	Address	City State Zip
57.84	EE-12	Douglas	Section 8, T29S, R7W	-123.55	43.0665	THEISS, ROLAND and MARGARET and LEBENGOOD	R69797	29070800400	PO Box 824	Myrtle Creek, OR 97457
57.97	BDX-148	Douglas	Section 8, T29S, R7W	-123.548	43.06737	FRANK P LAMACCHIA FAMILY TRUST	R69251	29070800100	1948 Spring St	Paso Robles, CA 93446
58.07	BW-150	Douglas	Section 8, T29S, R7W	-123.546	43.06841	FRANK P LAMACCHIA FAMILY TRUST	R69251	29070800100	1948 Spring St	Paso Robles, CA 93446
58.2	BSI-151	Douglas	Section 8, T29S, R7W	-123.544	43.06941	FRANK P LAMACCHIA FAMILY TRUST	R69251	29070800100	1948 Spring St	Paso Robles, CA 93446
58.3	BDX-157	Douglas	Section 8, T29S, R7W	-123.542	43.07021	FRANK P LAMACCHIA FAMILY TRUST	R69272	29070900300	1948 Spring St	Paso Robles, CA 93446
58.42	W4-02 (BW-158 (MOD))	Douglas	Section 9, T29S, R7W	-123.54	43.071	FRANK P LAMACCHIA FAMILY TRUST	R69272	29070900300	1948 Spring St	Paso Robles, CA 93446
58.51	BDX-157	Douglas	Section 9, T29S, R7W	-123.539	43.07166	FRANK P LAMACCHIA FAMILY TRUST	R69272	29070900300	1948 Spring St	Paso Robles, CA 93446
58.55	BSP-159	Douglas	Section 4, T29S, R7W	-123.538	43.07166	FRANK P LAMACCHIA FAMILY TRUST	R69272	29070900300	1948 Spring St	Paso Robles, CA 93446
58.78	BSP-155	Douglas	Section 4, T29S, R7W	-123.534	43.07243	HELEN E. NORTHCRAFT TESTAMENTARY TRUST	R69279	29070401100	3791 Olalla Road	Winston, OR 97496
58.98	BW-154	Douglas	Section 4, T29S, R7W	-123.53	43.07385	HELEN E. NORTHCRAFT TESTAMENTARY TRUST	R69279	29070401100	3791 Olalla Road	Winston, OR 97496
59.02	BDX-153	Douglas	Section 4, T29S, R7W	-123.529	43.0743	HELEN E. NORTHCRAFT TESTAMENTARY TRUST	R69279	29070401100	3791 Olalla Road	Winston, OR 97496
59.29	BSI-132	Douglas	Section 4, T29S, R7W	-123.524	43.07614	QUAM, LYNN H. and MARSHA JO HANNAH	R69153	29070400900	PO Box 1450	Winston, OR 97496
59.56	BW-130	Douglas	Section 3, T29S, R7W	-123.521	43.07888	QUAM, LYNN H. and MARSHA JO HANNAH	R69111	29070300900	PO Box 1450	Winston, OR 97496

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59.65	BSI-129	Douglas	Section 3, T29S, R7W	-123.519	43.07995	A.G. and L.M. DAHL LIVING TRUST	R69069	29070300500	2700 Olalla Road	Winston, OR 97496
59.93	BW-127	Douglas	Section 3, T29S, R7W	-123.515	43.08273	A.G. and L.M. DAHL LIVING TRUST	R69069	29070300500	2700 Olalla Road	Winston, OR 97496
60.01	BW-126	Douglas	Section 3, T29S, R7W	-123.515	43.08333	A.G. and L.M. DAHL LIVING TRUST	R69069	29070300500	2700 Olalla Road	Winston, OR 97496
60.13	NSP-14	Douglas	Section 3, T29S, R7W	-123.512	43.08347	HOOT, PAUL M	R69041	29070300200	2505 Meadow Ave N	Renton, WA 98056
60.48	NSP-13	Douglas	Section 3, T29S, R7W	-123.505	43.08505	HOOT, PAUL M	R69055	29070300100	2505 Meadow Ave N	Renton, WA 98056
63.97	BSI-241	Douglas	Section 6, T29S, R6W	-123.45	43.07715	WHITSON, JUDY FAYE	R65737	29060601100	2002 Kent Creek Rd	Winston, OR 97496
63.97	BSP-240	Douglas	Section 6, T29S, R6W	-123.45	43.07757	WHITSON, JUDY FAYE	R65737	29060601100	2002 Kent Creek Rd	Winston, OR 97496
65.76	S2-04 BSP-227 (MOD)	Douglas	Section 4, T29S, R6W	-123.418	43.0773	KENNERLY RANCHES LLC	R65317	29060401000	PO Box 730	Roseburg, OR 97470
65.76	S2-04 BSP-227 (MOD)	Douglas	Section 4, T29S, R6W	-123.418	43.0773	KENNERLY RANCHES LLC	R65492	29060402700	PO Box 730	Roseburg, OR 97470
65.83	BW-229	Douglas	Section 4, T29S, R6W	-123.416	43.07702	CHAVEZ, ESTEPHEN and PUMPHERY	R70809, R70816	29060402500	PO Box 944	Dillard, OR 97432
66.87	BSI-230	Douglas	Section 10, T29S, R6W	-123.401	43.06878	DOUGLAS COUNTY			1036 SE Douglas, Rm 320	Roseburg, OR 97470
66.87	BSI-230	Douglas	Section 10, T29S, R6W	-123.401	43.06878	BARTON, JACOB W.	R65170	29061000200	2740 Willis Creek Rd	Winston, OR 97496
66.87	BSI-230	Douglas	Section 10, T29S, R6W	-123.401	43.06878	HUGHES, JEFFREY D	R65191	29061000300	PO Box 326	Roseburg, OR 97470

Milepost	Wetland ID	County	PLS	Longitude	Latitude	Owner	APN Number	Map Tax ID	Address	City State Zip
66.95	BSP-168	Douglas	Section 10, T29S, R6W	-123.4	43.06898	BARTON, JACOB W.	R65170	29061000200	2740 Willis Creek Rd	Winston, OR 97496
67	BSI-169	Douglas	Section 10, T29S, R6W	-123.398	43.06865	BARTON, JACOB W.	R66353	29061000100	2740 Willis Creek Rd	Winston, OR 97496
69.1	SS-005-001 (SS-100-011)	Douglas	Section , T29S, R6W	-123.367	43.05408	AUER, BYRON L. and PATRICIA	R66444	29061400100	15331 Old Hwy 99s	Myrtle Creek, OR 97457
69.25	WW-004-005	Douglas	Section , T29S, R6W	-123.364	43.05474	BRIGHT, DEAN ALLEN	R66752	29061300500	15379 Old Highway 99 South	Myrtle Creek, OR 97457
69.29	SS-004-004 (SS-100-012)	Douglas	Section , T29S, R6W	-123.364	43.05441	BRIGHT, DEAN ALLEN	R66752	29061300500	15379 Old Highway 99 South	Myrtle Creek, OR 97457
69.35	SS-004-005 (SS-100-013)	Douglas	Section 13, T29S, R6W	-123.362	43.05448	BRIGHT, DEAN ALLEN	R66752	29061300500	15379 Old Highway 99 South	Myrtle Creek, OR 97457
69.57	SS-004-006 (SS-100-014)	Douglas	Section 13, T29S, R6W	-123.36	43.05418	BRIGHT, DEAN ALLEN	R66731	29061300200	15379 Old Highway 99 South	Myrtle Creek, OR 97457
71.08	SS-005-006 (SS-100-015)	Douglas	Section 18, T29S, R5W	-123.336	43.05398	HONG, FANG YEN and CHUN-MEI LIN and LO CHENG FAN and KUEI CHUN	R59423	29051801300	133 Tiffany Way	Grants Pass, OR 97526
71.08	WW-005-002	Douglas	Section 18, T29S, R5W	-123.336	43.05408	HONG, FANG YEN and CHUN-MEI LIN and LO CHENG FAN and KUEI CHUN	R59423	29051801300	133 Tiffany Way	Grants Pass, OR 97526
71.18	WW-501-009	Douglas	Section 18, T29S, R5W	-123.334	43.05334	HONG, FANG YEN and CHUN-MEI LIN and LO CHENG FAN and KUEI CHUN	R59423	29051801300	133 Tiffany Way	Grants Pass, OR 97526
71.27	BSP-26	Douglas	Section 18, T29S, R5W	-123.331	43.05373	UNCLAIMED WATER WAY				
71.34	SS-005-007	Douglas	Section 7, T29S, R5W	-123.331	43.05484	UNION PACIFIC RAILROAD	R128804	29050701401	PO Box 358	Christmas Valley, OR 97641
71.34	SS-005-007	Douglas	Section 7, T29S, R5W	-123.331	43.05484	ROTH, DAVID D.; GALYN; KATHLEEN; JANETTE	R59388	29051800200	One Williams Center	Tulsa, OK 74172
71.35	SS-005-008 (SS-100-016)	Douglas	Section 18, T29S,	-123.328	43.05394	UNION PACIFIC RAILROAD	R128804	29050701401	PO Box 358	Christmas Valley, OR 97641

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			R5W							
71.35	SS-005-008 (SS-100-016)	Douglas	Section 18, T29S, R5W	-123.328	43.05394	ROTH, DAVID D. and GALYN	R131760	29051800201	PO Box 358	Christmas Valley, OR 97641
71.35	SS-005-008 (SS-100-016)	Douglas	Section 18, T29S, R5W	-123.328	43.05394	ROTH, DAVID D.; GALYN; KATHLEEN; JANETTE	R59388	29051800200	One Willimas Center	Tulsa, OK 74172
71.69	SS-100-017	Douglas	Section 7, T29S, R5W	-123.325	43.05552	GOW, BILL C and SHARON M	R130655	29050701300	4993 Clarks Branch Rd	Roseburg, OR 97470
71.69	SS-100-017	Douglas	Section 7, T29S, R5W	-123.325	43.05642	GOW, BILL C and SHARON M	R130655	29050701300	4993 Clarks Branch Rd	Roseburg, OR 97470
73.04	SS-005-009 (SS-100-019)	Douglas	Section 8, T29S, R5W	-123.304	43.06484	ROTH, DAVID D.; GALYN; KATHLEEN; JANETTE	R57911	29050800100	PO Box 358	Christmas Valley, OR 97641
73.51	SS-005-013 (SS-100-020)	Douglas	Section 9, T29S, R5W	-123.297	43.06797	ROTH, DAVID D.; GALYN; KATHLEEN; JANETTE	R57946	29050900200	PO Box 358	Christmas Valley, OR 97641
73.56	SS-005-011 & 012 (SS-100-021)	Douglas	Section 9, T29S, R5W	-123.296	43.06837	ROTH, DAVID D.; GALYN; KATHLEEN; JANETTE	R57946	29050900200	PO Box 358	Christmas Valley, OR 97641
73.6	WW-005-006	Douglas	Section 9, T29S, R5W	-123.293	43.0683	ROTH, DAVID D.; GALYN; KATHLEEN; JANETTE	R57946	29050900200	PO Box 358	Christmas Valley, OR 97641
73.6	WW-005-006	Douglas	Section 9, T29S, R5W	-123.293	43.06847	ROTH, DAVID D.; GALYN; KATHLEEN; JANETTE	R57946	29050900200	PO Box 358	Christmas Valley, OR 97641
73.7	WW-005-006	Douglas	Section 9, T29S, R5W	-123.294	43.06868	ROTH, DAVID D.; GALYN; KATHLEEN; JANETTE	R57946	29050900200	PO Box 358	Christmas Valley, OR 97641
73.73	SS-005-010	Douglas	Section 4, T29S, R5W	-123.293	43.06878	ROTH, DAVID D.; GALYN; KATHLEEN; JANETTE	R57946	29050900200	PO Box 358	Christmas Valley, OR 97641
75.33	EE-SS-9032	Douglas	Section 2, T29S, R5W	-123.265	43.07482	SENECA JONES TIMBER COMPANY	R57365	29050200600	PO Box 10265	Eugene, OR 97440
75.34	EE-SS-9033	Douglas	Section 2, T29S,	-123.262	43.07886	SENECA JONES TIMBER COMPANY	R57365	29050200600	PO Box 10265	Eugene, OR 97440

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			R5W							
76.38	BSP-1	Douglas	Section 2, T29S, R5W	-123.246	43.07774	DAVIS, WAYNE and SUSAN	R57330	29050200201	587 Days Creek Cutoff Rd	Myrtle Creek, OR 97457
76.69	BW-2	Douglas	Section 1, T29S, R5W	-123.242	43.07495	DAVIS, WAYNE and SUSAN	R57288	29050100600	587 Days Creek Cutoff Rd	Myrtle Creek, OR 97457
77.62	BW-258	Douglas	Section 12, T29S, R5W	-123.228	43.06746	DAVIS, WAYNE and SUSAN	R58282	29051200100	587 Days Creek Cutoff Rd	Myrtle Creek, OR 97457
77.66	BW-5	Douglas	Section 12, T29S, R5W	-123.228	43.06674	DAVIS, WAYNE and SUSAN	R58282	29051200100	587 Days Creek Cutoff Rd	Myrtle Creek, OR 97457
77.71	BSP-6	Douglas	Section 12, T29S, R5W	-123.227	43.0654	DAVIS, WAYNE and SUSAN	R58282	29051200100	587 Days Creek Cutoff Rd	Myrtle Creek, OR 97457
77.71	BSP-6	Douglas	Section 12, T29S, R5W	-123.227	43.0654	GILMER, LAVINA P.	R58296	29051200900	4983 N Myrtle Rd	Myrtle Creek, OR 97457
77.93	BSI-8	Douglas	Section 7, T29S, R4W	-123.225	43.06344	GILMER, LAVINA P.	R54530	29040700400	4983 N Myrtle Rd	Myrtle Creek, OR 97457
78.02	BSI-10	Douglas	Section 7, T29S, R4W	-123.224	43.0623	GILMER, LAVINA P.	R54530	29040700400	4983 N Myrtle Rd	Myrtle Creek, OR 97457
78.05	W4-03 (BW-011 (MOD))	Douglas	Section 7, T29S, R4W	-123.224	43.0623	GILMER, LAVINA P.	R54530	29040700400	4983 N Myrtle Rd	Myrtle Creek, OR 97457
79.12	NSP-37	Douglas	Section 17, T29S, R4W	-123.206	43.05555	CLACK, RAYNOR LEE	R55265	29041700300	5589 N Myrtle	Myrtle Creek, OR 97457
79.15	NSP-38	Douglas	Section 8, T29S, R4W	-123.206	43.05548	CLACK, RAYNOR LEE	R55265	29041700300	5589 N Myrtle	Myrtle Creek, OR 97457
79.17	EE-SS-9038	Douglas	Section 2 & 17, T29S, R4W	-123.205	43.05554	CLACK, RAYNOR LEE	R55265	29041700300	5589 N Myrtle	Myrtle Creek, OR 97457
79.19	EE-SS-9039	Douglas	Section 2 & 17, T29S,	-123.204	43.05537	CLACK, RAYNOR LEE	R55265	29041700300	5589 N Myrtle	Myrtle Creek, OR 97457

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			R4W							
81.19	BSP-172	Douglas	Section 21, T29S, R4W	-123.189	43.03507	BLANCHARD, DELBERT E	R142245	29042100306	PO Box 3790	Tualatin, OR 97062
81.38	BSP-259	Douglas	Section 21, T29S, R4W	-123.188	43.03366	BLANCHARD, DELBERT E	R142245	29042100306	PO Box 3790	Tualatin, OR 97062
81.39	BW-173	Douglas	Section 21, T29S, R4W	-123.188	43.03353	BLANCHARD, DELBERT E	R142245	29042100306	PO Box 3790	Tualatin, OR 97062
81.39	BW-173	Douglas	Section 21, T29S, R4W	-123.188	43.03353	SUTCH, STEVE J. and BARBARA J.	R55972	29042101200	5305 South Myrtle Rd	Myrtle Creek, OR 97457
81.45	SS-100-023	Douglas	Section 21, T29S, R4W	-123.188	43.03175	SUTCH, STEVE J. and BARBARA J.	R55972	29042101200	5305 South Myrtle Rd	Myrtle Creek, OR 97457
81.93	EE-SS-9074	Douglas	Section 21, T29S, R4W	-123.185	43.02824	SUTCH, STEVE J. and BARBARA J.	R55972	29042101200	5305 South Myrtle Rd	Myrtle Creek, OR 97457
84.17	BSP-226	Douglas	Section 26, T29S, R4W	-123.151	43.01543	ROSEBURG RESOURCES CO.	R56630	29042600500	PO Box 1088	Roseburg, OR 97470
84.23	EW-24	Douglas	Section 26, T29S, R4W	-123.149	43.01432	ROSEBURG RESOURCES CO.	R56630	29042600500	PO Box 1088	Roseburg, OR 97470
84.23	EW-25	Douglas	Section 26, T29S, R4W	-123.15	43.01371	ROSEBURG RESOURCES CO.	R56630	29042600500	PO Box 1088	Roseburg, OR 97470
84.23	EW-26	Douglas	Section 26, T29S, R4W	-123.149	43.01458	ROSEBURG RESOURCES CO.	R56630	29042600500	PO Box 1088	Roseburg, OR 97470
85.38	EE-SS-9040	Douglas	Section 25, T29S, R4W	-123.133	43.01353	BOLING, JOHN W and ROBISON	R56595	29042500600	11831 Tiller Trail	Days Creek, OR 97429
85.38	EE-SS-9040	Douglas	Section 36, T29S, R4W	-123.133	43.01353	SENECA JONES TIMBER COMPANY	R57155	29043600100	PO Box 10265	Eugene, OR 97440
85.69	EE-SS-9041	Douglas	Section 36, T29S,	-123.127	43.01224	SENECA JONES TIMBER COMPANY	R57155	29043600100	PO Box 10265	Eugene, OR 97440

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			R4W							
85.71	EE-SS-9042	Douglas	Section 36, T29S, R4W	-123.127	43.01208	SENECA JONES TIMBER COMPANY	R57155	29043600100	PO Box 10265	Eugene, OR 97440
85.88	EE-SS-9043	Douglas	Section 36, T29S, R4W	-123.124	43.01103	SENECA JONES TIMBER COMPANY	R57155	29043600100	PO Box 10265	Eugene, OR 97440
86.07	EE-SS-9044	Douglas	Section 36, T29S, R4W	-123.122	43.01023	SENECA JONES TIMBER COMPANY	R57155	29043600100	PO Box 10265	Eugene, OR 97440
86.1	EE-SS-9045	Douglas	Section 36, T29S, R4W	-123.12	43.01017	SENECA JONES TIMBER COMPANY	R57155	29043600100	PO Box 10265	Eugene, OR 97440
88.2	BSI-236	Douglas	Section , T30S, R3W	-123.105	42.99293	EICHMANN, DONALD A and TAMMY L	R18610	30030600400	3170 Days Creek Road	Days Creek, OR 97429
88.22	BW-239	Douglas	Section , T30S, R3W	-123.104	42.99252	EICHMANN, DONALD A and TAMMY L	R18610	30030600400	3170 Days Creek Road	Days Creek, OR 97429
88.23	BSI-238 (MOD)	Douglas	Section , T30S, R3W	-123.105	42.99175	EICHMANN, DONALD A and TAMMY L	R18610	30030600400	3170 Days Creek Road	Days Creek, OR 97429
88.48	BSP-232	Douglas	Section , T30S, R3W	-123.103	42.98944	LYON , RUSSELL R. and SANDRA G.	R18546	30030600100	3880 Days Creek Rd	Days Creek, OR 97429
88.6	BSP-233	Douglas	Section , T30S, R3W	-123.101	42.98773	HENDERSON, DENNIS and KAREN	R18626, R18618	30030600600	3 Walnut Hollow Ln	Holmdel, NJ
92.62	ASP-303	Douglas	Section 22, T30S, R3W	-123.049	42.95716	STINCHFIELD, THOMAS	R19146	30030002200	2225 Washington St	Eugene, OR 97405
94.51	WW-504-012 (AW-197 (MOD))	Douglas	Section 27, T30S, R3W	-123.042	42.93457	HUFFMAN and WRIGHT LOGGING CO.	R19778	30032700300	PO Box 910	Canyonville, OR 97417
94.6	H3-01	Douglas	Section 27, T30S, R3W	-123.045	42.93238	HUFFMAN and WRIGHT LOGGING CO.	R19778	30032700300	PO Box 910	Canyonville, OR 97417
94.6	H3-03	Douglas	Section 27, T30S, R3W	-123.042	42.93247	HUFFMAN and WRIGHT LOGGING CO.	R19778	30032700300	PO Box 910	Canyonville, OR 97417
94.65	WW-502-003 (AW-201 (MOD))	Douglas	Section 26, T30S, R3W	-123.041	42.93314	HUFFMAN and WRIGHT LOGGING CO.	R19730	30032601200	PO Box 910	Canyonville, OR 97417

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94.65	WW-502-003 (AW-201 (MOD))	Douglas	Section 26, T30S, R3W	-123.041	42.93314	HUFFMAN and WRIGHT LOGGING CO.	R19778	30032700300	PO Box 910	Canyonville, OR 97417
94.66	WW-GM-39	Douglas	Sec 26 & 27, T30S, R3W	-123.041	42.93244	HUFFMAN and WRIGHT LOGGING CO.	R19730	30032601200	PO Box 910	Canyonville, OR 97417
94.66	WW-GM-39	Douglas	Section 27, T30S, R3W	-123.041	42.93244	HUFFMAN and WRIGHT LOGGING CO.	R19778	30032700300	PO Box 910	Canyonville, OR 97417
94.73	ASP-196	Douglas	Section 26, T30S, R3W	-123.039	42.93267	STATE OF OREGON	R19394	30032601400	355 Capitol St NE Rm 420	Salem, OR 97301
94.73	ASP-196	Douglas	Section 26, T30S, R3W	-123.039	42.93267	MILO ACADEMY INC	R19402	30032601100	19800 Oatfield Road	Gladstone, OR 97027
94.85	ASI-193 (ASI-191)	Douglas	Section 26, T30S, R3W	-123.038	42.9313	MILO ACADEMY INC	R19402	30032601100	19800 Oatfield Road	Gladstone, OR 97027
94.96	WW-504-013 (AW-194/AW-195 (MOD))	Douglas	Section 35, T30S, R3W	-123.038	42.93019	MILO ACADEMY INC	R21002	30033500200	19800 Oatfield Road	Gladstone, OR 97027
95.03	ASI-193 (ASI-191)	Douglas	Section 35, T30S, R3W	-123.037	42.92667	MILO ACADEMY INC	R21002	30033500200	19800 Oatfield Road	Gladstone, OR 97027
98.46	ASI-190	Douglas	Section 1, T31S, R3W	-122.997	42.90153	BLM-OANDC REVESTED GRANT	R45760	31030000100	1300 Airport Lane	North Bend, OR 97459
103.9	WW-003-006 (CW- 55)	Douglas	Section 36, T31S, R3W	-122.997	42.83116	C and D LUMBER CO.	R46292	31030005200	PO Box 27	Riddle, OR 97469
105.41	CDX-50	Douglas	Section 6, T32S, R2W	-122.973	42.82655	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471
106.77	CDX-49	Douglas	Section 8, T32S, R2W	-122.963	42.81068	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471
108.08	CDX-47	Douglas	Section 16, T32S, R2W	-122.951	42.79429	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471

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108.4	CDX-48	Douglas	Section 16, T32S, R2W	-122.948	42.79023	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471
109.13	GDX-15	Douglas	Section 16, T32S, R2W	-122.937	42.78568	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471
109.15	WW-111-001 (GW-14 (FS-HF-C))	Douglas	Section 16, T32S, R2W	-122.936	42.78548	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471
109.17	WW-111-001	Douglas	Section 16, T32S, R2W	-122.937	42.78521	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471
109.17	WW-111-001	Douglas	Section 16, T32S, R2W	-122.936	42.78516	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471
109.33	GSI-16 (FS-HF-F)	Douglas	Section 16, T32S, R2W	-122.936	42.78295	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471
109.47	GSP-19 (ASP-297 / FS-HF-G)	Douglas	Section 21, T32S, R2W	-122.936	42.78078	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471
109.47	WW-111-005 (GW-21 (FS-HF-H))	Douglas	Section 21, T32S, R2W	-122.936	42.78103	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471
109.69	FS-HF-J	Douglas	Section 21, T32S, R2W	-122.935	42.77759	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471
109.69	GSP-22 (ASP-297 / FS-HF-M)	Douglas	Section 21, T32S, R2W	-122.934	42.77837	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471
109.78	FS-HF-K	Douglas	Section 21, T32S, R2W	-122.934	42.77701	USA - UMPQUA NATIONAL FOREST	R50240	32020000200	2900 NW Stewart Parkway	Roseburg, OR 97471
110.57	ESI-68	Jackson	Section 27, T32S, R2W	-122.928	42.76624	USA - UMPQUA NATIONAL FOREST	10213121	322W100	2900 NW Stewart Parkway	Roseburg, OR 97471
110.57	EW-69	Jackson	Section 27, T32S, R2W	-122.927	42.76724	USA - UMPQUA NATIONAL FOREST	10213121	322W100	2900 NW Stewart Parkway	Roseburg, OR 97471

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110.96	FS-HF-N (ESI-68)	Jackson	Section 22, T32S, R2W	-122.923	42.7696	USA - UMPQUA NATIONAL FOREST	10213121	322W100	2900 NW Stewart Parkway	Roseburg, OR 97471
118.8	SS-100-032	Jackson	Section 20, T33S, R1W	-122.849	42.68136	ALOHA GAGNON-BALDWIN INHERITANCE TRUST	10995437	331W202105	PO BOX 853	SHADY COVE, OR 97539
118.89	ASP-202	Jackson	Section 20, T33S, R1W	-122.85	42.68024	ALOHA GAGNON-BALDWIN INHERITANCE TRUST	10995437	331W202105	PO BOX 853	SHADY COVE, OR 97539
119.84	S1-06 (DA-16 (MOD))	Jackson	Section 29, T33S, R1W	-122.847	42.66798	BLM-USA	10545725	331W29300	3040 Biddle Rd	Medford, OR 97504
120.45	NSP-11	Jackson	Section 33, T33S, R1W	-122.836	42.66323	BLM-USA	10215287	331W2000	3040 Biddle Rd	Medford, OR 97504
120.45	NSP-11	Jackson	Section 33, T33S, R1W	-122.836	42.66323	CRAIG, LINDA D	10703553	331W333501	119 LOPER LN	TRAIL, OR 97541
120.83	AW-204	Jackson	Section 33, T33S, R1W	-122.832	42.65907	WOODWARD, STEVEN	10216745	331W331802	1303 CORNISH DR C	CARDIFF, CA 92007
120.9	ASI-205	Jackson	Section 33, T33S, R1W	-122.832	42.65796	WOODWARD, STEVEN	10216745	331W331802	1303 CORNISH DR C	CARDIFF, CA 92007
121.57	ASI-206	Jackson	Section 4, T34S, R1W	-122.827	42.65056	JOHNSON, CORDY	10221611	341W04200	PO BOX 1225	EAGLE POINT, OR 97524
121.87	ESI-71	Jackson	Section 4, T34S, R1W	-122.824	42.64534	ACOSTA, ALISA	10222023	341W04700	18124 WEDGE PARKWAY 431	RENO, NV 89511
121.91	ESI-73	Jackson	Section 4, T34S, R1W	-122.822	42.64568	ACOSTA, ALISA	10222023	341W04700	18124 WEDGE PARKWAY 431	RENO, NV 89511
121.96	ESI-72	Jackson	Section 4, T34S, R1W	-122.822	42.64553	ACOSTA, ALISA	10222023	341W04700	18124 WEDGE PARKWAY 431	RENO, NV 89511
122.04	ESI-74	Jackson	Section 4, T34S, R1W	-122.82	42.6456	ACOSTA, ALISA	10222023	341W04700	18124 WEDGE PARKWAY 431	RENO, NV 89511

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122.07	ESI-70	Jackson	Section 4, T34S, R1W	-122.821	42.64552	ACOSTA, ALISA	10222023	341W04700	18124 WEDGE PARKWAY 431	RENO, NV 89511
122.65	ASP-235	Jackson	Section 3, T34S, R1W	-122.809	42.64553	NICHOLAS E. GARCIA LIVING TRUST	10221262	341W03A2500	20136 CRYSTAL MOUNTAIN LN	BEND, OR 97702
122.65	ASP-235	Jackson	Section 3, T34S, R1W	-122.809	42.64553	Oregon Department of Transportation	10251859	341W03B2200	100 Antelope Rd.	White City, OR 97503
125.91	ASI-223	Jackson	Section 12, T34S, R1W	-122.764	42.62276	COLLINS, DARREN and DIANA LOU	10222488	341W12200	3600 110TH ST	GALENA, KS 66739
125.98	ASI-222	Jackson	Section 12, T34S, R1W	-122.763	42.62206	COLLINS, DARREN and DIANA LOU	10222488	341W12200	3600 110TH ST	GALENA, KS 66739
126.52	ASI-220	Jackson	Section 18, T34S, R1E	-122.755	42.619	BLM-USA	10536363	341E1200	3040 Biddle Rd	Medford, OR 97504
126.53	RS-4	Jackson	Section 18, T34S, R1E	-122.756	42.61897	BLM-USA	10536363	341E1200	3040 Biddle Rd	Medford, OR 97504
126.56	ASI-221	Jackson	Section 18, T34S, R1E	-122.755	42.61831	BLM-USA	10536363	341E1200	3040 Biddle Rd	Medford, OR 97504
127.21	ADX-287	Jackson	Section 18, T34S, R1E	-122.753	42.60847	SNATTLERAKE HILLS, LLC	10536477	341E5700	1524 DRAGON GLEN DR	HENDERSON, NV 89012
127.33	ADX-285	Jackson	Section 18, T34S, R1E	-122.751	42.60782	SNATTLERAKE HILLS, LLC	10536477	341E5700	1524 DRAGON GLEN DR	HENDERSON, NV 89012
128.49	ASP-307	Jackson	Section 20, T34S, R1E	-122.737	42.59631	SNATTLERAKE HILLS, LLC	10536509	341E6000	1524 DRAGON GLEN DR	HENDERSON, NV 89012
128.61	AW-278	Jackson	Section 20, T34S, R1E	-122.736	42.59431	SNATTLERAKE HILLS, LLC	10536509	341E6000	1524 DRAGON GLEN DR	HENDERSON, NV 89012
128.61	AW-278	Jackson	Section 20, T34S, R1E	-122.735	42.59431	SNATTLERAKE HILLS, LLC	10536509	341E6000	1524 DRAGON GLEN DR	HENDERSON, NV 89012

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128.61	AW-278	Jackson	Section 20, T34S, R1E	-122.734	42.59432	SNATTLERAKE HILLS, LLC	10536509	341E6000	1524 DRAGON GLEN DR	HENDERSON, NV 89012
128.68	ASP-310	Jackson	Section 20, T34S, R1E	-122.736	42.5932	SNATTLERAKE HILLS, LLC	10536509	341E6000	1524 DRAGON GLEN DR	HENDERSON, NV 89012
128.89	AW-309	Jackson	Section 29, T34S, R1E	-122.733	42.59142	BLM-USA	10536533	341E10700	3040 Biddle Rd	Medford, OR 97504
129.13	ASI-400	Jackson	Section 29, T34S, R1E	-122.729	42.58974	BLM-USA	10536533	341E10700	3040 Biddle Rd	Medford, OR 97504
129.21	ASI-306	Jackson	Section 29, T34S, R1E	-122.727	42.58944	BLM-USA	10536533	341E10700	3040 Biddle Rd	Medford, OR 97504
129.46	ASI-277	Jackson	Section 29, T34S, R1E	-122.723	42.58871	SNATTLERAKE HILLS, LLC	10706470	341E6102	1524 DRAGON GLEN DR	HENDERSON, NV 89012
130.81	SS-201-014a	Jackson	Section 28, T34S, R1E	-122.699	42.59185	INDIAN HILL, LLC	10537165	341E28100	200 CORPORATE WAY	GRANTS PASS, OR 97526
130.81	WW-201-003a (AW-245 (MOD))	Jackson	Section 28, T34S, R1E	-122.699	42.5919	SAT and CO.	10537116	341E27200	711 MEDFORD CENTER 282	MEDFORD, OR 97504
130.81	WW-201-003a (AW-245 (MOD))	Jackson	Section 28, T34S, R1E	-122.699	42.5919	INDIAN HILL, LLC	10537165	341E28100	200 CORPORATE WAY	GRANTS PASS, OR 97526
130.83	SS-201-014b	Jackson	Section 27, T34S, R1E	-122.698	42.59228	SAT and CO.	10537116	341E27200	711 MEDFORD CENTER 282	MEDFORD, OR 97504
130.83	WW-201-003b (AW-244 (MOD))	Jackson	Section 27, T34S, R1E	-122.698	42.59223	SAT and CO.	10537116	341E27200	711 MEDFORD CENTER 282	MEDFORD, OR 97504
130.86	ASI-246	Jackson	Section 27, T34S, R1E	-122.698	42.59213	SAT and CO.	10537116	341E27200	711 MEDFORD CENTER 282	MEDFORD, OR 97504
131.26	WW-201-001 (AW-248 (MOD))	Jackson	Section 27, T34S, R1E	-122.691	42.59146	SAT and CO.	10537116	341E27200	711 MEDFORD CENTER 282	MEDFORD, OR 97504

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131.37	ASI-251	Jackson	Section 27, T34S, R1E	-122.687	42.5875	BLM-USA	10537108	341E27100	3040 Biddle Rd	Medford, OR 97504
132.03	S2-02 (ADX-253 (MOD))	Jackson	Section 27, T34S, R1E	-122.682	42.58397	SCHOTT, DAVID	10225767	341E27500	P O BOX 310	MEDFORD, OR 97501
132.08	WW-502-002 (W2-02(MOD))	Jackson	Section 27, T34S, R1E	-122.682	42.58328	SCHOTT, DAVID	10225767	341E27500	P O BOX 310	MEDFORD, OR 97501
132.12	ASP-252	Jackson	Section 27, T34S, R1E	-122.683	42.58273	SCHOTT, DAVID	10225767	341E27500	P O BOX 310	MEDFORD, OR 97501
132.22	WW-502-001	Jackson	Section 27, T34S, R1E	-122.682	42.58121	SCHOTT, DAVID	10225783	341E27700	P O BOX 310	MEDFORD, OR 97501
132.26	EDX-75	Jackson	Section 27, T34S, R1E	-122.682	42.58101	SCHOTT, DAVID	10225767	341E27500	P O BOX 310	MEDFORD, OR 97501
132.26	EDX-75	Jackson	Section 27, T34S, R1E	-122.682	42.58101	SCHOTT, DAVID	10225783	341E27700	P O BOX 310	MEDFORD, OR 97501
132.47	W3-05 (AW-243 (MOD))	Jackson	Section 27, T34S, R1E	-122.68	42.57901	JACKSON COUNTY			10 South Oakdale Avenue	Medford, OR 97501
132.47	W3-05 (AW-243 (MOD))	Jackson	Section 27, T34S, R1E	-122.68	42.57901	SCHOTT, DAVID	10225783	341E27700	P O BOX 310	MEDFORD, OR 97501
132.47	W3-05 (AW243 (MOD))	Jackson	Section 34, T34S, R1E	-122.681	42.57759	JACKSON COUNTY			10 South Oakdale Avenue	Medford, OR 97501
132.47	W3-05 (AW243 (MOD))	Jackson	Section 34, T34S, R1E	-122.681	42.57759	SCHOTT, DAVID	10225783	341E27700	P O BOX 310	MEDFORD, OR 97501
132.54	W5-01	Jackson	Section 35, T34S, R1E	-122.68	42.5767	JACKSON COUNTY			10 South Oakdale Avenue	Medford, OR 97501
132.54	W5-01	Jackson	Section 35, T34S, R1E	-122.68	42.5767	DALTON, JOHN R. and RENIE H.	10537481	341E351000	PO BOX 51	EAGLE POINT, OR 97524

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132.69	W5-02 (AW-242)	Jackson	Section 35, T34S, R1E	-122.678	42.57557	DALTON, JOHN R. and RENIE H.	10537481	341E351000	PO BOX 51	EAGLE POINT, OR 97524
132.75	S5-01 (ASI-265)	Jackson	Section 34, T34S, R1E	-122.679	42.57336	DALTON, JOHN R. and RENIE H.	10537481	341E351000	PO BOX 51	EAGLE POINT, OR 97524
132.77	R5-02 (AW-264 (MOD))	Jackson	Section 34, T34S, R1E	-122.68	42.57299	DALTON, JOHN R. and RENIE H.	10537481	341E351000	PO BOX 51	EAGLE POINT, OR 97524
132.77	R5-02 (AW-264 (MOD))	Jackson	Section 34, T34S, R1E	-122.679	42.57326	DALTON, JOHN R. and RENIE H.	10537481	341E351000	PO BOX 51	EAGLE POINT, OR 97524
132.77	R5-02 (AW-264 (MOD))	Jackson	Section 34, T34S, R1E	-122.679	42.5735	DALTON, JOHN R. and RENIE H.	10537481	341E351000	PO BOX 51	EAGLE POINT, OR 97524
132.77	S5-02 (AW-264)	Jackson	Section 34, T34S, R1E	-122.679	42.57321	DALTON, JOHN R. and RENIE H.	10537481	341E351000	PO BOX 51	EAGLE POINT, OR 97524
133.09	AW-263	Jackson	Section 35, T34S, R1E	-122.678	42.56884	ARNOLD, WILLIAM R. and XIAO	10537465	341E35800	PO BOX 547	EAGLE POINT, OR 97524
133.35	ASP-241	Jackson	Section 35, T34S, R1E	-122.678	42.56545	BLM-USA	10537473	341E35900	3040 Biddle Rd	Medford, OR 97504
133.38	ASP-240	Jackson	Section 35, T34S, R1E	-122.678	42.56443	BLM-USA	10537473	341E35900	3040 Biddle Rd	Medford, OR 97504
133.92	R5-05 (AW-239)	Jackson	Section 2, T35S, R1E	-122.674	42.5577	SYSTEM GLOBAL TIMBERLANDS LLC	10539125	351E400	17700 SE Mill Plan Blvd #180	Vancouver, WA 98683
137.48	ASI-207	Jackson	Section 24, T35S, R1E	-122.652	42.51673	HARGROVE, EDWARD L. and RISE K.	10539758	351E8800	18358 MESSAGE PL	GRASS VALLEY, CA 95949
138.26	ASI-208	Jackson	Section 19, T35S, R2E	-122.64	42.51181	MERKER WOODS LLC	10539766	351E8900	1400 HIGH ST B-2	EUGENE, OR 97401
138.26	ASI-208	Jackson	Section 19, T35S, R2E	-122.64	42.51181	TERBECK, THOMAS	10540824	352E6800	14790 HWY 62	EAGLE POINT, OR 97524

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138.36	SS-GM-9	Jackson	Section 19, T35S, R2E	-122.637	42.51118	TERBECK, THOMAS	10540824	352E6800	14790 HWY 62	EAGLE POINT, OR 97524
138.44	SS-GM-10	Jackson	Section 19, T35S, R2E	-122.636	42.51069	TERBECK, THOMAS	10540824	352E6800	14790 HWY 62	EAGLE POINT, OR 97524
138.5	ASI-210	Jackson	Section 19, T35S, R2E	-122.636	42.50961	TERBECK, THOMAS	10540824	352E6800	14790 HWY 62	EAGLE POINT, OR 97524
138.55	SS-GM-11	Jackson	Section 19, T35S, R2E	-122.636	42.50916	TERBECK, THOMAS	10540824	352E6800	14790 HWY 62	EAGLE POINT, OR 97524
138.57	SS-GM-12	Jackson	Section 19, T35S, R2E	-122.636	42.50903	TERBECK, THOMAS	10540824	352E6800	14790 HWY 62	EAGLE POINT, OR 97524
138.71	ASI-211	Jackson	Section 19, T35S, R2E	-122.634	42.50742	TERBECK, THOMAS	10540824	352E6800	14790 HWY 62	EAGLE POINT, OR 97524
138.74	SS-GM-13	Jackson	Section 19, T35S, R2E	-122.633	42.50733	TERBECK, THOMAS	10540824	352E6800	14790 HWY 62	EAGLE POINT, OR 97524
139.07	SS-GM-14	Jackson	Section 30, T35S, R2E	-122.628	42.50433	TERBECK, THOMAS	10540997	352E8700	14790 HWY 62	EAGLE POINT, OR 97524
139.15	WW-GM-33 (ASI-214)	Jackson	Section 30, T35S, R2E	-122.627	42.50393	TERBECK, THOMAS	10540997	352E8700	14790 HWY 62	EAGLE POINT, OR 97524
139.17	WW-GM-37	Jackson	Section 30, T35S, R2E	-122.626	42.50398	TERBECK, THOMAS	10540997	352E8700	14790 HWY 62	EAGLE POINT, OR 97524
139.21	SS-GM-15	Jackson	Section 30, T35S, R2E	-122.626	42.50382	TERBECK, THOMAS	10540997	352E8700	14790 HWY 62	EAGLE POINT, OR 97524
139.28	SS-GM-16	Jackson	Section 30, T35S, R2E	-122.625	42.50315	TERBECK, THOMAS	10540997	352E8700	14790 HWY 62	EAGLE POINT, OR 97524
139.39	ASI-217	Jackson	Section 30, T35S, R2E	-122.623	42.50218	TERBECK, THOMAS	10540997	352E8700	14790 HWY 62	EAGLE POINT, OR 97524

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139.59	ASI-226	Jackson	Section 29, T35S, R2E	-122.619	42.50128	TERBECK, THOMAS	10541000	352E8800	14790 HWY 62	EAGLE POINT, OR 97524
139.63	ASI-227	Jackson	Section 29, T35S, R2E	-122.619	42.5009	TERBECK, THOMAS	10541000	352E8800	14790 HWY 62	EAGLE POINT, OR 97524
139.68	ASI-228	Jackson	Section 29, T35S, R2E	-122.617	42.50059	TERBECK, THOMAS	10541000	352E8800	14790 HWY 62	EAGLE POINT, OR 97524
139.75	SS-GM-43 (AW-230)	Jackson	Section 29, T35S, R2E	-122.617	42.50006	TERBECK, THOMAS	10541000	352E8800	14790 HWY 62	EAGLE POINT, OR 97524
139.91	SS-GM-19	Jackson	Section 29, T35S, R2E	-122.616	42.49824	BLM-USA	10540816	352E6700	3040 Biddle Rd	Medford, OR 97504
140.27	ASI-233	Jackson	Section 29, T35S, R2E	-122.61	42.49469	BLM-USA	10540816	352E6700	3040 Biddle Rd	Medford, OR 97504
140.32	ADX-234	Jackson	Section 29, T35S, R2E	-122.609	42.49409	BLM-USA	10540816	352E6700	3040 Biddle Rd	Medford, OR 97504
140.58	ASI-189	Jackson	Section 32, T35S, R2E	-122.607	42.49087	MAVILIA, JOHN V. and STACEY K.	10238089	352E9300	P O BOX 1162	EAGLE POINT, OR 97524
140.94	ADX-186	Jackson	Section 32, T35S, R2E	-122.61	42.48633	BLM-USA	10238062	352E9000	3040 Biddle Rd	Medford, OR 97504
140.94	ADX-186	Jackson	Section 32, T35S, R2E	-122.61	42.48633	FRANCES A. JENSEN REVOCABLE TRUST	10238071	352E9100	1888 OBENCHAIN RD	EAGLE POINT, OR 97524
141.01	Edge-1	Jackson	Section 32, T35S, R2E	-122.614	42.48775	FRANCES A. JENSEN REVOCABLE TRUST	10238071	352E9100	1888 OBENCHAIN RD	EAGLE POINT, OR 97524
141.08	EW-76	Jackson	Section 32, T35S, R2E	-122.612	42.48558	FRANCES A. JENSEN REVOCABLE TRUST	10238071	352E9100	1888 OBENCHAIN RD	EAGLE POINT, OR 97524
141.08	EW-77	Jackson	Section 32, T35S, R2E	-122.612	42.48591	FRANCES A. JENSEN REVOCABLE TRUST	10238071	352E9100	1888 OBENCHAIN RD	EAGLE POINT, OR 97524

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141.08	EW-78 (EW-82)	Jackson	Section 32, T35S, R2E	-122.612	42.48594	FRANCES A. JENSEN REVOCABLE TRUST	10238071	352E9100	1888 OBENCHAIN RD	EAGLE POINT, OR 97524
141.18	ASI-187	Jackson	Section 32, T35S, R2E	-122.611	42.48295	BLM-USA	10238062	352E9000	3040 Biddle Rd	Medford, OR 97504
141.48	ASI-188	Jackson	Section 32, T35S, R2E	-122.612	42.47951	BLM-USA	10238062	352E9000	3040 Biddle Rd	Medford, OR 97504
141.49	RS-17	Jackson	Section 32, T35S, R2E	-122.612	42.47856	BLM-USA	10238062	352E9000	3040 Biddle Rd	Medford, OR 97504
141.95	ESI-30	Jackson	Section 5, T36S, R2E	-122.611	42.47284	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
142.28	EDX-32	Jackson	Section 5, T36S, R2E	-122.613	42.46844	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
142.32	ESI-31	Jackson	Section 5, T36S, R2E	-122.613	42.46661	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
142.45	EW-33	Jackson	Section 5, T36S, R2E	-122.613	42.46597	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
142.57	ESP-34	Jackson	Section 5, T36S, R2E	-122.613	42.46435	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
142.57	ESP-34	Jackson	Section 5, T36S, R2E	-122.613	42.46433	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
142.61	EW-35	Jackson	Section 5, T36S, R2E	-122.613	42.46416	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
142.61	EW-35	Jackson	Section 5, T36S, R2E	-122.612	42.4639	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
142.65	EDX-36	Jackson	Section 5, T36S, R2E	-122.611	42.46373	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062

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143.12	ESI-37	Jackson	Section 8, T36S, R2E	-122.607	42.46057	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
143.51	ESI-38	Jackson	Section 9, T36S, R2E	-122.598	42.4524	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
143.74	ESI-39	Jackson	Section 9, T36S, R2E	-122.597	42.45301	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
143.76	EL-41	Jackson	Section 9, T36S, R2E	-122.597	42.45247	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
143.76	ESI-38	Jackson	Section 9, T36S, R2E	-122.597	42.45226	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
143.77	ESI-40	Jackson	Section 9, T36S, R2E	-122.596	42.45269	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
144.11	ESI-38	Jackson	Section 9, T36S, R2E	-122.595	42.44777	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
144.14	EDX-42	Jackson	Section 16, T36S, R2E	-122.595	42.44551	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
144.7	GSP-5 (ESP-48)	Jackson	Section 16, T36S, R2E	-122.584	42.44339	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
145.27	GSI-6 (ESP-59)	Jackson	Section 16, T36S, R2E	-122.588	42.43714	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
145.32	NDX-107	Jackson	Section 21, T36S, R2E	-122.591	42.4315	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
145.37	NDX-56	Jackson	Section 16, T36S, R2E	-122.588	42.43609	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
145.54	ESI-61	Jackson	Section 21, T36S, R2E	-122.594	42.4279	OREGON DEPARTMENT OF TRANSPORTATION			4040 Fairview Ind DR SE MS#2	Salem, OR 97301

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145.54	ESI-61	Jackson	Section 21, T36S, R2E	-122.594	42.4279	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
145.54	ESI-61	Jackson	Section 21, T36S, R2E	-122.592	42.42855	OREGON DEPARTMENT OF TRANSPORTATION			4040 Fairview Ind DR SE MS#2	Salem, OR 97301
145.54	ESI-61	Jackson	Section 21, T36S, R2E	-122.592	42.42855	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
145.55	EW-63	Jackson	Section 21, T36S, R2E	-122.593	42.42825	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
145.57	EDX-64	Jackson	Section 21, T36S, R2E	-122.593	42.42807	OREGON DEPARTMENT OF TRANSPORTATION			4040 Fairview Ind DR SE MS#2	Salem, OR 97301
145.63	EW-67	Jackson	Section 21, T36S, R2E	-122.593	42.42727	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
145.69	ESP-66	Jackson	Section 21, T36S, R2E	-122.592	42.42642	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
146.05	ESI-56	Jackson	Section 21, T36S, R2E	-122.587	42.42353	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
146.38	ESI-55	Jackson	Section 21, T36S, R2E	-122.585	42.41954	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
146.8	EDX-51	Jackson	Section 28, T36S, R2E	-122.582	42.41382	C2 CATTLE CO, LP	10244112	362E5300	176 HARCROSS RD	WOODSIDE, CA 94062
162.45	ASP-165	Jackson	Section 15, T37S, R4E	-122.341	42.34826	USA - ROGUE RIVER NATIONAL FOREST	10955522	37-4E-100	2900 NW Stewart Parkway	Roseburg, OR 97471
166.21	ESI-76 (ESI-84)	Jackson	Section 25, T37S, R4E	-122.291	42.32017	USA - ROGUE RIVER NATIONAL FOREST	10955522	37-4E-100	2900 NW Stewart Parkway	Roseburg, OR 97471
171.06	WW-001-013 (EW-85)	Klamath	Section 3, T38S, R5E	-122.209	42.28848	USA - FREMONT WINEMA NATIONAL FOREST	R739776	R-3805-00000-00100-000	1301 South G Street	Lakeview, OR 97630

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171.06	WW-001-013 (EW-85)	Klamath	Section 3, T38S, R5E	-122.209	42.28858	USA - FREMONT WINEMA NATIONAL FOREST	R739776	R-3805-00000-00100-000	1301 South G Street	Lakeview, OR 97630
171.07	WW-001-013 (EW-85)	Klamath	Section 3, T38S, R5E	-122.209	42.28847	USA - FREMONT WINEMA NATIONAL FOREST	R739776	R-3805-00000-00100-000	1301 South G Street	Lakeview, OR 97630
171.57	GSP-7	Klamath	Section 2, T38S, R5E	-122.2	42.28621	ANTHON, ANTHON	R70960	R-3805-00000-00200-000	2508 REGATTA CT	DAVIS, CA 95618
171.57	GSP-7	Klamath	Section 2, T38S, R5E	-122.2	42.28621	USA - FREMONT WINEMA NATIONAL FOREST	R739776	R-3805-00000-00100-000	1301 South G Street	Lakeview, OR 97630
173.74	ESI-106a	Klamath	Section 7, T38S, R6E	-122.164	42.27307	BLM-USA	R739883	R-3806-00000-00100-000	3040 Biddle Rd	Medford, OR 97504
176.54	ESI-69	Klamath	Section 21, T38S, R6E	-122.122	42.25032	KLAMATH COUNTY			305 Main Street, Rm121	Klamath Falls, OR 97601
176.54	ESI-69	Klamath	Section 21, T38S, R6E	-122.122	42.25032	BLM-USA	R739883	R-3806-00000-00100-000	3040 Biddle Rd	Medford, OR 97504
176.56	GSI-10	Klamath	Section 21, T38S, R6E	-122.122	42.24984	KLAMATH COUNTY			305 Main Street, Rm121	Klamath Falls, OR 97601
176.56	GSI-10	Klamath	Section 21, T38S, R6E	-122.122	42.24984	BLM-USA	R739883	R-3806-00000-00100-000	3040 Biddle Rd	Medford, OR 97504
177.76	GSI-11	Klamath	Section 27, T38S, R6E	-122.101	42.24269	GREEN DIAMOND RESOURCE COMPANY	R73743	R-3806-00000-00900-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
177.76	SS-502-EW-103 (EW-103 (MOD))	Klamath	Section 27, T38S, R6E	-122.101	42.24298	GREEN DIAMOND RESOURCE COMPANY	R73743	R-3806-00000-00900-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
177.76	WW-502-EW-103 (EW-103 (MOD))	Klamath	Section 27, T38S, R6E	-122.101	42.24302	GREEN DIAMOND RESOURCE COMPANY	R73743	R-3806-00000-00900-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
186.61	ESI-97	Klamath	Section 15, T39S, R7E	-121.974	42.17121	GREEN DIAMOND RESOURCE COMPANY	R485399	R-3907-00000-00200-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101

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186.65	ESI-99	Klamath	Section 22, T39S, R7E	-121.973	42.17017	GREEN DIAMOND RESOURCE COMPANY	R485399	R-3907-00000-00200-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
186.74	ESI-100	Klamath	Section 23, T39S, R7E	-121.97	42.16722	KLAMATH COUNTY			305 Main Street, Rm121	Klamath Falls, OR 97601
186.74	ESI-100	Klamath	Section 23, T39S, R7E	-121.97	42.16722	GREEN DIAMOND RESOURCE COMPANY	R485399	R-3907-00000-00200-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
188.9	SS-001-001 (SS-100-025)	Klamath	Section 24, T39S, R7E	-121.935	42.16019	GREEN DIAMOND RESOURCE COMPANY	R486432	R-3907-024D0-00100-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
191.47	W2-03	Klamath	Section 32, T39S, R8E	-121.905	42.13451	OREGON DEPARTMENT OF TRANSPORTATION			4040 Fairview Ind DR SE MS#2	Salem, OR 97301
192.2	W2-06	Klamath	Section 32, T39S, R8E	-121.897	42.13216	JOHN K and KAREN L. LILLY REVOCABLE LIVING TRUST	R492121	R-3908-00000-05100-000	13350 HWY 66	KLAMATH FALLS, OR 97601
192.2	W2-06	Klamath	Section 32, T39S, R8E	-121.897	42.13216	JOHN K and KAREN L. LILLY REVOCABLE LIVING TRUST	R501843	R-3908-03200-00200-000	13350 HWY 66	KLAMATH FALLS, OR 97601
192.67	S2-07 (ADX-63 (MOD))	Klamath	Section 32, T39S, R8E	-121.897	42.13334	JOHN K and KAREN L. LILLY REVOCABLE LIVING TRUST	R492121	R-3908-00000-05100-000	13350 HWY 66	KLAMATH FALLS, OR 97601
192.67	S2-07 (ADX-63 (MOD))	Klamath	Section 32, T39S, R8E	-121.897	42.13334	JOHN K and KAREN L. LILLY REVOCABLE LIVING TRUST	R501843	R-3908-03200-00200-000	13350 HWY 66	KLAMATH FALLS, OR 97601
192.71	AW-65	Klamath	Section 33, T39S, R8E	-121.89	42.13341	JOHN K and KAREN L. LILLY REVOCABLE LIVING TRUST	R492121	R-3908-00000-05100-000	13350 HWY 66	KLAMATH FALLS, OR 97601
192.71	AW-65	Klamath	Section 33, T39S, R8E	-121.89	42.13341	DORIS VINER LIFE ESTATE	R502218	R-3908-033B0-01900-000	2650 SO BANNAVITCH ST	PAHRUMP, NV 89048
192.71	AW-65	Klamath	Section 33, T39S, R8E	-121.89	42.13341	GREEN DIAMOND RESOURCE COMPANY	R583719	R-3908-00000-04500-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
192.71	AW-65	Klamath	Section 33, T39S, R8E	-121.89	42.13341	KLAMATH COUNTY	R816086	R-3908-033B0-03000-000	305 Main Street, Rm121	Klamath Falls, OR 97601

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192.81	NDX-66	Klamath	Section 33, T39S, R8E	-121.89	42.13307	KERNS FAMILY TRUST	R492149	R-3908-00000-04800-000	9350 HWY 66	KLAMATH FALLS, OR 97601
192.81	NDX-66	Klamath	Section 33, T39S, R8E	-121.89	42.13307	GREEN DIAMOND RESOURCE COMPANY	R583719	R-3908-00000-04500-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
192.86	AW-66	Klamath	Section 33, T39S, R8E	-121.888	42.13517	DORIS VINER LIFE ESTATE	R502218	R-3908-033B0-01900-000	2650 SO BANNAVITCH ST	PAHRUMP, NV 89048
192.86	AW-66	Klamath	Section 33, T39S, R8E	-121.888	42.13517	HOUSE, CHARLA	R502236	R-3908-033B0-02000-000	11660 HWY 66	KLAMATH FALLS, OR 97601
192.86	AW-66	Klamath	Section 33, T39S, R8E	-121.888	42.13517	WARD, STEPHE	R502254	R-3908-033B0-02200-000	11622 HWY 66	KLAMATH FALLS, OR 97601
192.86	AW-66	Klamath	Section 33, T39S, R8E	-121.888	42.13517	REEVES, GORDON and LORI	R502263	R-3908-033B0-02300-000	11516 HWY 66	KLAMATH FALLS, OR 97601
192.86	AW-66	Klamath	Section 33, T39S, R8E	-121.888	42.13517	BUHRLE, ROGER J and ELIZABETH M	R502281	R-3908-033B0-02500-000	11414 HWY 66	KLAMATH FALLS, OR 97601
192.86	AW-66	Klamath	Section 33, T39S, R8E	-121.888	42.13517	DOUGHERTY, JOHN D. and MARILYN L.	R502307	R-3908-033B0-02700-000	11312 HWY 66	KLAMATH FALLS, OR 97601
192.86	AW-66	Klamath	Section 33, T39S, R8E	-121.888	42.13517	GREEN DIAMOND RESOURCE COMPANY	R583719	R-3908-00000-04500-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
192.89	NW-71	Klamath	Section 33, T39S, R8E	-121.887	42.13434	JOHN K and KAREN L. LILLY REVOCABLE LIVING TRUST	R492121	R-3908-00000-05100-000	13350 HWY 66	KLAMATH FALLS, OR 97601
192.89	NW-71	Klamath	Section 33, T39S, R8E	-121.887	42.13434	GREEN DIAMOND RESOURCE COMPANY	R583719	R-3908-00000-04500-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
192.99	ADX-67	Klamath	Section 33, T39S, R8E	-121.886	42.13577	DOUGHERTY, JOHN D. and MARILYN L.	R502307	R-3908-033B0-02700-000	11312 HWY 66	KLAMATH FALLS, OR 97601
192.99	ADX-67	Klamath	Section 33, T39S, R8E	-121.886	42.13577	OSTROM, THERESA	R502316	R-3908-033B0-02800-000	11280 HWY 66	KLAMATH FALLS, OR 97601

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192.99	ADX-67	Klamath	Section 33, T39S, R8E	-121.886	42.13577	GREEN DIAMOND RESOURCE COMPANY	R583719	R-3908-00000-04500-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
193.03	AW-68	Klamath	Section 33, T39S, R8E	-121.885	42.1363	OSTROM, THERESA	R502316	R-3908-033B0-02800-000	11280 HWY 66	KLAMATH FALLS, OR 97601
193.03	AW-68	Klamath	Section 33, T39S, R8E	-121.885	42.1363	GEORGE and HAZEL WHITLOCK TRUST	R502325	R-3908-033B0-02900-000	11212 HWY 66	KLAMATH FALLS, OR 97601
193.07	ADX-69	Klamath	Section 33, T39S, R8E	-121.885	42.13672	MULLIS, CURT D.	R492158	R-3908-00000-05000-000	11120 HWY 66	KLAMATH FALLS, OR 97601
193.17	AW-71	Klamath	Section 33, T39S, R8E	-121.883	42.13732	MULLIS, CURT D.	R492158	R-3908-00000-05000-000	11120 HWY 66	KLAMATH FALLS, OR 97601
193.21	AW-70	Klamath	Section 33, T39S, R8E	-121.882	42.13768	MULLIS, CURT D.	R492158	R-3908-00000-05000-000	11120 HWY 66	KLAMATH FALLS, OR 97601
193.21	WW-504-014 (NW-72)	Klamath	Section 33, T39S, R8E	-121.882	42.13691	KERNS FAMILY TRUST	R492149	R-3908-00000-04800-000	9350 HWY 66	KLAMATH FALLS, OR 97601
193.25	ADX-72	Klamath	Section 33, T39S, R8E	-121.882	42.13778	GREEN DIAMOND RESOURCE COMPANY	R583719	R-3908-00000-04500-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
193.47	ADX-73	Klamath	Section 33, T39S, R8E	-121.878	42.13955	GREEN DIAMOND RESOURCE COMPANY	R583719	R-3908-00000-04500-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
193.51	WW-504-001 (NW-74)	Klamath	Section 33, T39S, R8E	-121.877	42.13925	KERNS FAMILY TRUST	R492149	R-3908-00000-04800-000	9350 HWY 66	KLAMATH FALLS, OR 97601
194.44	AW-74	Klamath	Section 28, T39S, R8E	-121.876	42.14107	KLAMATH COUNTY			305 Main Street, Rm121	Klamath Falls, OR 97601
194.44	AW-74	Klamath	Section 28, T39S, R8E	-121.876	42.14107	MULLIS, CURT D.	R492158	R-3908-00000-05000-000	11120 HWY 66	KLAMATH FALLS, OR 97601
194.44	AW-74	Klamath	Section 28, T39S, R8E	-121.876	42.14107	HUNTER, KEITH	R498483	R-3908-028D0-00200-000	8550 KERNS SWAMP RD	KLAMATH FALLS, OR 97601

Milepost	Wetland ID	County	PLS	Longitude	Latitude	Owner	APN Number	Map Tax ID	Address	City State Zip
194.44	AW-74	Klamath	Section 28, T39S, R8E	-121.876	42.14107	HALL, SANDRA and STONESTREET	R498517	R-3908-028D0-00500-000	PO BOX 863	WILLISTON, FL 32696
194.44	AW-74	Klamath	Section 28, T39S, R8E	-121.876	42.14107	GREEN DIAMOND RESOURCE COMPANY	R583719	R-3908-00000-04500-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
194.51	ADX-75	Klamath	Section 28, T39S, R8E	-121.875	42.14125	KLAMATH COUNTY			305 Main Street, Rm121	Klamath Falls, OR 97601
194.57	ADX-77	Klamath	Section 27, T39S, R8E	-121.874	42.14175	KLAMATH COUNTY			305 Main Street, Rm121	Klamath Falls, OR 97601
194.57	ADX-77	Klamath	Section 27, T39S, R8E	-121.874	42.14175	KERNS FAMILY TRUST	R735547	R-3908-02700-01700-000	9350 HWY 66	KLAMATH FALLS, OR 97601
194.57	NDX-77	Klamath	Section 27, T39S, R8E	-121.874	42.14179	GREEN DIAMOND RESOURCE COMPANY	R583719	R-3908-00000-04500-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
194.57	WW-001-008 (AW-76)	Klamath	Section 27, T39S, R8E	-121.874	42.14215	KERNS FAMILY TRUST	R498465	R-3908-02800-00500-000	9350 HWY 66	KLAMATH FALLS, OR 97601
194.57	WW-001-008 (AW-76)	Klamath	Section 27, T39S, R8E	-121.874	42.14215	KERNS FAMILY TRUST	R735547	R-3908-02700-01700-000	9350 HWY 66	KLAMATH FALLS, OR 97601
194.57	WW-504-015 (NW-76)	Klamath	Section 27, T39S, R8E	-121.873	42.14149	GREEN DIAMOND RESOURCE COMPANY	R583719	R-3908-00000-04500-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
194.57	WW-504-015 (NW-76)	Klamath	Section 27, T39S, R8E	-121.873	42.14149	KERNS FAMILY TRUST	R735547	R-3908-02700-01700-000	9350 HWY 66	KLAMATH FALLS, OR 97601
194.64	WW-001-010 (ADX-78)	Klamath	Section 27, T39S, R8E	-121.873	42.14278	KERNS FAMILY TRUST	R735547	R-3908-02700-01700-000	9350 HWY 66	KLAMATH FALLS, OR 97601
194.64	WW-001-010 (ADX-78)	Klamath	Section 27, T39S, R8E	-121.873	42.14289	KERNS FAMILY TRUST	R735547	R-3908-02700-01700-000	9350 HWY 66	KLAMATH FALLS, OR 97601
194.88	NDX-80	Klamath	Section 27, T39S, R8E	-121.869	42.14435	GREEN DIAMOND RESOURCE COMPANY	R583719	R-3908-00000-04500-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101

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194.92	ADX-81	Klamath	Section 27, T39S, R8E	-121.868	42.14475	KERNS FAMILY TRUST	R498349	R-3908-02700-01600-000	9350 HWY 66	KLAMATH FALLS, OR 97601
194.92	WW-502-AW-82 (AW-82 (MOD))	Klamath	Section 27, T39S, R8E	-121.868	42.14516	KERNS FAMILY TRUST	R498349	R-3908-02700-01600-000	9350 HWY 66	KLAMATH FALLS, OR 97601
195.12	ADX-83	Klamath	Section 27, T39S, R8E	-121.866	42.14596	KERNS FAMILY TRUST	R498349	R-3908-02700-01600-000	9350 HWY 66	KLAMATH FALLS, OR 97601
195.14	AW-85	Klamath	Section 27, T39S, R8E	-121.865	42.14673	KERNS FAMILY TRUST	R498349	R-3908-02700-01600-000	9350 HWY 66	KLAMATH FALLS, OR 97601
195.14	AW-85	Klamath	Section 27, T39S, R8E	-121.865	42.14673	E. G. KERNS RANCHES LLC	R498385	R-3908-02700-00700-000	9350 HWY 66	KLAMATH FALLS, OR 97601
195.14	AW-85	Klamath	Section 27, T39S, R8E	-121.865	42.14673	MILDRED FITZGERALD FAMILY TRUST	R498394	R-3908-02700-00200-000	8960 HWY 66	KLAMATH FALLS, OR 97601
195.18	ADX-84	Klamath	Section 27, T39S, R8E	-121.864	42.14685	E. G. KERNS RANCHES LLC	R498385	R-3908-02700-00700-000	9350 HWY 66	KLAMATH FALLS, OR 97601
195.18	ADX-84	Klamath	Section 27, T39S, R8E	-121.864	42.14685	MILDRED FITZGERALD FAMILY TRUST	R498394	R-3908-02700-00200-000	8960 HWY 66	KLAMATH FALLS, OR 97601
195.24	ADX-86	Klamath	Section 27, T39S, R8E	-121.863	42.14743	MILDRED FITZGERALD FAMILY TRUST	R498394	R-3908-02700-00200-000	8960 HWY 66	KLAMATH FALLS, OR 97601
195.28	NDX-82	Klamath	Section 27, T39S, R8E	-121.862	42.14765	GREEN DIAMOND RESOURCE COMPANY	R583719	R-3908-00000-04500-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
195.32	ADX-87	Klamath	Section 27, T39S, R8E	-121.862	42.14809	MILDRED FITZGERALD FAMILY TRUST	R498394	R-3908-02700-00200-000	8960 HWY 66	KLAMATH FALLS, OR 97601
195.34	AW-88	Klamath	Section 27, T39S, R8E	-121.862	42.14861	COLLINS TIMBER COMPANY, LLC	R498269	R-3908-02700-00100-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
195.34	AW-88	Klamath	Section 27, T39S, R8E	-121.862	42.14861	MILDRED FITZGERALD FAMILY TRUST	R498394	R-3908-02700-00200-000	8960 HWY 66	KLAMATH FALLS, OR 97601

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195.45	AW-21	Klamath	Section 27, T39S, R8E	-121.86	42.14917	COLLINS TIMBER COMPANY, LLC	R498269	R-3908-02700-00100-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
195.45	AW-21	Klamath	Section 27, T39S, R8E	-121.86	42.14917	MILDRED FITZGERALD FAMILY TRUST	R498394	R-3908-02700-00200-000	8960 HWY 66	KLAMATH FALLS, OR 97601
195.46	ADX-19	Klamath	Section 27, T39S, R8E	-121.86	42.15009	COLLINS TIMBER COMPANY, LLC	R498269	R-3908-02700-00100-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
195.46	ADX-22	Klamath	Section 27, T39S, R8E	-121.859	42.1497	COLLINS TIMBER COMPANY, LLC	R498269	R-3908-02700-00100-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
195.47	ADX-20	Klamath	Section 27, T39S, R8E	-121.859	42.15004	COLLINS TIMBER COMPANY, LLC	R498269	R-3908-02700-00100-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
195.67	GDX-4	Klamath	Section 27, T39S, R8E	-121.859	42.15228	COLLINS TIMBER COMPANY, LLC	R498269	R-3908-02700-00100-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
195.7	GDX-3	Klamath	Section 27, T39S, R8E	-121.858	42.15313	COLLINS TIMBER COMPANY, LLC	R498269	R-3908-02700-00100-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
195.73	GDX-3	Klamath	Section 27, T39S, R8E	-121.858	42.15312	COLLINS TIMBER COMPANY, LLC	R498269	R-3908-02700-00100-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
195.8	GDX-1	Klamath	Section 27, T39S, R8E	-121.857	42.15412	COLLINS TIMBER COMPANY, LLC	R498269	R-3908-02700-00100-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
195.91	GDX-2	Klamath	Section 27, T39S, R8E	-121.856	42.15477	GREEN DIAMOND RESOURCE COMPANY	R882622	R-3908-02700-00101-000	1300 FIFTH AVE STE 2700	SEATTLE, WA 98101
196.22	AW-26	Klamath	Section 23, T39S, R8E	-121.85	42.15566	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
196.53	ADX-30	Klamath	Section 23, T39S, R8E	-121.845	42.15834	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
196.53	ADX-31	Klamath	Section 23, T39S, R8E	-121.844	42.15903	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070

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196.62	WW-GM-29	Klamath	Section 23, T39S, R8E	-121.843	42.1603	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
196.64	ADX-32	Klamath	Section 23, T39S, R8E	-121.843	42.16072	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
196.7	WW-GM-28	Klamath	Section 23, T39S, R8E	-121.842	42.16128	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
196.76	ADX-36	Klamath	Section 23, T39S, R8E	-121.842	42.16177	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
196.78	ADX-38	Klamath	Section 23, T39S, R8E	-121.842	42.16243	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
196.78	AL-34	Klamath	Section 23, T39S, R8E	-121.841	42.16204	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
196.79	AW-37	Klamath	Section 23, T39S, R8E	-121.841	42.1625	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
196.82	NW-91	Klamath	Section 23, T39S, R8E	-121.841	42.16294	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
196.88	DX-GM-7	Klamath	Section 23, T39S, R8E	-121.838	42.1635	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
196.89	ADX-39	Klamath	Section 23, T39S, R8E	-121.84	42.16371	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
196.94	WW-GM-27	Klamath	Section 23, T39S, R8E	-121.839	42.16349	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
197.08	ADX-40	Klamath	Section 23, T39S, R8E	-121.837	42.16607	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
197.1	DX-GM-6	Klamath	Section 23, T39S, R8E	-121.837	42.16493	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070

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197.17	DX-GM-5	Klamath	Section 23, T39S, R8E	-121.836	42.16578	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
197.22	DX-GM-1	Klamath	Section 24, T39S, R8E	-121.835	42.16744	HOLLIDAY RICE PROPERTIES and COLLINS TIMBER COMPANY, LLC	R491943	R-3908-00000-04400-000	6410 HWY 66	KLAMATH FALLS, OR 97601
197.22	DX-GM-1	Klamath	Section 24, T39S, R8E	-121.835	42.16744	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
197.28	DX-GM-3	Klamath	Section 23, T39S, R8E	-121.836	42.16727	COLLINS TIMBER COMPANY, LLC	R897461	R-3908-00000-04300-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
197.8	WW-GM-23 (AW-43)	Klamath	Section 13, T39S, R8E	-121.828	42.17441	HOLLIDAY RICE PROPERTIES and COLLINS TIMBER COMPANY, LLC	R495431	R-3908-01300-01300-000	6410 HWY 66	KLAMATH FALLS, OR 97601
197.8	WW-GM-23 (AW-43)	Klamath	Section 13, T39S, R8E	-121.828	42.17441	HOLLIDAY RICE PROPERTIES and COLLINS TIMBER COMPANY, LLC	R495477	R-3908-01300-01000-000	6410 HWY 66	KLAMATH FALLS, OR 97601
199.38	ASP-151	Klamath	Section 18, T39S, R9E	-121.802	42.17105	COLLINS TIMBER COMPANY, LLC	R580561	R-3909-01800-01500-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
199.38	ASP-151	Klamath	Section 18, T39S, R9E	-121.802	42.17105	COLLINS TIMBER COMPANY, LLC	R580570	R-3909-01800-01000-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
199.49	AW-152	Klamath	Section 18, T39S, R9E	-121.799	42.17105	MOATES, ALLEN	R580552	R-3909-01800-01600-000	PO BOX 7954	KLAMATH FALLS, OR 97602
199.49	AW-152	Klamath	Section 18, T39S, R9E	-121.799	42.17105	COLLINS TIMBER COMPANY, LLC	R580561	R-3909-01800-01500-000	29100 SW TOWN CENTER LOOP W	WILSONVILLE, OR 97070
199.55	WW-001-005 (AW-155)	Klamath	Section 18, T39S, R9E	-121.798	42.17071	OREGON DEPARTMENT OF TRANSPORTATION			4040 Fairview Ind DR SE MS#2	Salem, OR 97301
199.59	AW-157	Klamath	Section 18, T39S, R9E	-121.797	42.17095	HOLMSTROM, DONALD J. and KAREN K.	R580286	R-3909-01700-01600-000	5777 HWY 97 S	KLAMATH FALLS, OR 97603
199.59	AW-157	Klamath	Section 18, T39S, R9E	-121.795	42.17127	HOLMSTROM, DONALD J. and KAREN K.	R580286	R-3909-01700-01600-000	5777 HWY 97 S	KLAMATH FALLS, OR 97603

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199.59	WW-001-006 (AW-156)	Klamath	Section 18, T39S, R9E	-121.798	42.17073	OREGON DEPARTMENT OF TRANSPORTATION			4040 Fairview Ind DR SE MS#2	Salem, OR 97301
199.59	WW-001-006 (AW-156)	Klamath	Section 18, T39S, R9E	-121.798	42.17073	HOLMSTROM, DONALD J. and KAREN K.	R580286	R-3909-01700-01600-000	5777 HWY 97 S	KLAMATH FALLS, OR 97603
199.6	AW-158	Klamath	Section 18, T39S, R9E	-121.797	42.17089	HOLMSTROM, DONALD J. and KAREN K.	R580286	R-3909-01700-01600-000	5777 HWY 97 S	KLAMATH FALLS, OR 97603
199.77	AW-160	Klamath	Section 17, T39S, R9E	-121.794	42.17076	HOLMSTROM, DONALD J. and KAREN K.	R580286	R-3909-01700-01600-000	5777 HWY 97 S	KLAMATH FALLS, OR 97603
199.78	WW-GM-36	Klamath	Section 17, T39S, R9E	-121.793	42.17072	HOLMSTROM, DONALD J. and KAREN K.	R580277	R-3909-01700-01700-000	5777 HWY 97 S	KLAMATH FALLS, OR 97603
199.78	WW-GM-36	Klamath	Sec 17 & 18, T39S, R9E	-121.793	42.17072	HOLMSTROM, DONALD J. and KAREN K.	R580286	R-3909-01700-01600-000	5777 HWY 97 S	KLAMATH FALLS, OR 97603
200.03	WW-001-003 (AW-312)	Klamath	Section 20, T39S, R9E	-121.789	42.17001	UNION PACIFIC RAILROAD			PO Box 358	Christmas Valley, OR 97641
200.03	WW-001-003 (AW-312)	Klamath	Section 20, T39S, R9E	-121.789	42.17001	HOLMSTROM, DONALD J. and KAREN K.	R580277	R-3909-01700-01700-000	5777 HWY 97 S	KLAMATH FALLS, OR 97603
200.03	WW-001-003 (AW-312)	Klamath	Section 20, T39S, R9E	-121.789	42.17001	HOLMSTROM, DONALD J. and KAREN K.	R580286	R-3909-01700-01600-000	5777 HWY 97 S	KLAMATH FALLS, OR 97603
200.03	WW-001-003 (AW-312)	Klamath	Section 20, T39S, R9E	-121.789	42.17001	HIGUERA, SR.	R580909	R-3909-02000-00500-000	291 JOE WRIGHT RD	KLAMATH FALLS, OR 97601
200.06	AW-255	Klamath	Section 20, T39S, R9E	-121.787	42.1688	UNION PACIFIC RAILROAD			PO Box 358	Christmas Valley, OR 97641
200.06	AW-255	Klamath	Section 20, T39S, R9E	-121.787	42.1688	CAIN, MITCHELL and JULIANA VAN-SICKLE	R580883	R-3909-02000-00400-000	24551 HWY 140 E	DAIRY, OR 97625
200.06	AW-255	Klamath	Section 20, T39S, R9E	-121.787	42.1688	MARCHESSAULT, JUDAH and JESSICA M.	R882029	R-3909-02000-00401-000	575 JOE WRIGHT RD	KLAMATH FALLS, OR 97603

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200.41	ADX-293	Klamath	Section 20, T39S, R9E	-121.785	42.16567	IRRIGATION CANAL (ADX-293)			825 NE MULTNOMAH ST STE 1900	PORTLAND, OR 97232
200.41	ADX-293	Klamath	Section 20, T39S, R9E	-121.785	42.16567	ORE, WILLIAM RAY and ANONA M.	R889406	R-3909-02000-01301-000	644 JOE WRIGHT RD	KLAMATH FALLS, OR 97603
200.54	ADX-294	Klamath	Section 20, T39S, R9E	-121.783	42.16544	BUREAU OF RECLAMATION			825 NE MULTNOMAH ST STE 1900	PORTLAND, OR 97232
200.54	ADX-294	Klamath	Section 20, T39S, R9E	-121.783	42.16544	BUREAU OF RECLAMATION	R769332	R-3909-02000-01400-000		
201.39	AW-93	Klamath	Section 21, T39S, R9E	-121.772	42.15652	SHAW, THOMAS M. and ELISA A.	R581454	R-3909-02100-02000-000	PO BOX 257	KLAMATH FALLS, OR 97601
201.49	ADX-94	Klamath	Section 21, T39S, R9E	-121.77	42.1554	SHAW, THOMAS M. and ELISA A.	R581454	R-3909-02100-02000-000	PO BOX 257	KLAMATH FALLS, OR 97601
201.49	ADX-94	Klamath	Section 21, T39S, R9E	-121.77	42.1554	MOLATORE, JERRY and MOLATORE, THOMAS	R584852	R-3909-02800-00600-000	2325 LINDA VISTA DR	KLAMATH FALLS, OR 97601
201.51	WW-001-002 (AW-95)	Klamath	Section 28, T39S, R9E	-121.771	42.15492	MOLATORE, JERRY and MOLATORE, THOMAS	R584852	R-3909-02800-00600-000	2325 LINDA VISTA DR	KLAMATH FALLS, OR 97601
201.63	ADX-96	Klamath	Section 28, T39S, R9E	-121.769	42.15371	MOLATORE, JERRY and MOLATORE, THOMAS	R581436	R-3909-02100-02200-000	2325 LINDA VISTA DR	KLAMATH FALLS, OR 97601
203.94	WW-GM-35 (AW-98)	Klamath	Section 34, T39S, R9E	-121.746	42.12688	WILSON, DAVID D. and JUDITH A.	R587145	R-3909-03400-01100-000	10714 SPRING LAKE RD	KLAMATH FALLS, OR 97603
203.97	ADX-99	Klamath	Section 34, T39S, R9E	-121.747	42.12616	OREGON DEPARTMENT OF TRANSPORTATION			4040 Fairview Ind DR SE MS#2	Salem, OR 97301
203.97	ADX-99	Klamath	Section 34, T39S, R9E	-121.747	42.12616	LESTER, LORI	R91554	R-4009-00300-00300-000	3620 OLD MIDLAND RD	KLAMATH FALLS, OR 97603
204.12	ADX-100	Klamath	Section 3, T40S, R9E	-121.746	42.1245	LESTER, LORI	R91554	R-4009-00300-00300-000	3620 OLD MIDLAND RD	KLAMATH FALLS, OR 97603

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204.33	ADX-101	Klamath	Section 3, T40S, R9E	-121.744	42.123	LESTER, LORI	R91554	R-4009-00300-00300-000	3620 OLD MIDLAND RD	KLAMATH FALLS, OR 97603
204.5	ADX-103	Klamath	Section 3, T40S, R9E	-121.74	42.12335	LESTER, LORI	R91554	R-4009-00300-00300-000	3620 OLD MIDLAND RD	KLAMATH FALLS, OR 97603
204.74	ADX-105	Klamath	Section 2, T40S, R9E	-121.736	42.12305	NOONAN, MICHAEL E. and KARIN M.	R91518	R-4009-00200-00700-000	12080 HOMEDALE	KLAMATH FALLS, OR 97603
204.91	ADX-106	Klamath	Section 2, T40S, R9E	-121.733	42.12191	SAYLES LIFE ESTATE	R91466	R-4009-00200-00800-000	12080 HOMEDALE RD	KLAMATH FALLS, OR 97603
205.11	AW-108	Klamath	Section 2, T40S, R9E	-121.729	42.12178	SAYLES LIFE ESTATE	R91466	R-4009-00200-00800-000	12080 HOMEDALE RD	KLAMATH FALLS, OR 97603
205.11	AW-108	Klamath	Section 2, T40S, R9E	-121.729	42.12178	GOODELL LOVING TRUST	R91484	R-4009-00200-00900-000	3204 OLD MIDLAND RD	KLAMATH FALLS, OR 97603
205.5	ADX-109	Klamath	Section 2, T40S, R9E	-121.722	42.11849	BUREAU OF RECLAMATION			6600 WASHBURN WAY	KLAMATH FALLS, OR 97603
205.5	ADX-109	Klamath	Section 2, T40S, R9E	-121.724	42.12039	BUREAU OF RECLAMATION			6600 WASHBURN WAY	KLAMATH FALLS, OR 97603
205.94	ADX-110	Klamath	Section 1, T40S, R9E	-121.714	42.11755	NOONAN, MICHAEL E. and KARIN M.	R91199	R-4009-00100-00300-000	12080 HOMEDALE	KLAMATH FALLS, OR 97603
205.96	ADX-111	Klamath	Section 1, T40S, R9E	-121.714	42.11753	NOONAN, MICHAEL E. and KARIN M.	R91199	R-4009-00100-00300-000	12080 HOMEDALE	KLAMATH FALLS, OR 97603
205.97	ADX-112	Klamath	Section 1, T40S, R9E	-121.713	42.11718	NOONAN, MICHAEL E. and KARIN M.	R91199	R-4009-00100-00300-000	12080 HOMEDALE	KLAMATH FALLS, OR 97603
206.51	ADX-113	Klamath	Section 12, T40S, R9E	-121.707	42.11156	BUREAU OF RECLAMATION			6600 WASHBURN WAY	KLAMATH FALLS, OR 97603
207.12	AW-114	Klamath	Section 12, T40S, R9E	-121.7	42.10433	CHEYNE, RODNEY ALVIN and NICHELLE MALENE	R93589	R-4009-01200-01000-000	14130 MATNEY RD	KLAMATH FALLS, OR 97603

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207.26	ADX-115	Klamath	Section 12, T40S, R9E	-121.699	42.10253	KLAMATH COUNTY			305 Main Street, Rm121	Klamath Falls, OR 97601
207.26	ADX-115	Klamath	Section 12, T40S, R9E	-121.699	42.10253	CHEYNE, RODNEY ALVIN and NICHELLE MALENE	R93589	R-4009-01200-01000-000	14130 MATNEY RD	KLAMATH FALLS, OR 97603
207.26	ADX-115	Klamath	Section 12, T40S, R9E	-121.699	42.10253	LELAND W. WOODS TRUST	R97166	R-4010-00700-02900-000	1600 HUNTINGTON DR	S PASADENA, CA 91030
207.4	ADX-116	Klamath	Section 7, T40S, R10E	-121.697	42.10087	BUREAU OF RECLAMATION			6600 WASHBURN WAY	KLAMATH FALLS, OR 97603
207.42	ADX-117	Klamath	Section 7, T40S, R10E	-121.697	42.10069	BUREAU OF RECLAMATION			6600 WASHBURN WAY	KLAMATH FALLS, OR 97603
207.6	ADX-118	Klamath	Section 7, T40S, R10E	-121.695	42.0983	BUREAU OF RECLAMATION			6600 WASHBURN WAY	KLAMATH FALLS, OR 97603
207.99	ADX-119	Klamath	Section 18, T40S, R10E	-121.693	42.09482	BEULAH E. REDDINGTON REVOCABLE SURVIVOR TRUST	R98423	R-4010-01800-00300-000	14602 HWY 39	KLAMATH FALLS, OR 97603
208.07	ADX-120	Klamath	Section 18, T40S, R10E	-121.691	42.09266	BEULAH E. REDDINGTON REVOCABLE SURVIVOR TRUST	R98405	R-4010-01800-00600-000	14602 HWY 39	KLAMATH FALLS, OR 97603
208.07	ADX-121	Klamath	Section 18, T40S, R10E	-121.691	42.09253	BEULAH E. REDDINGTON REVOCABLE SURVIVOR TRUST	R98405	R-4010-01800-00600-000	14602 HWY 39	KLAMATH FALLS, OR 97603
208.18	ADX-123	Klamath	Section 18, T40S, R10E	-121.69	42.09117	BEULAH E. REDDINGTON REVOCABLE SURVIVOR TRUST	R808674	R-4010-01800-00601-000	14602 HWY 39	KLAMATH FALLS, OR 97603
208.18	ADX-123	Klamath	Section 18, T40S, R10E	-121.69	42.09117	BEULAH E. REDDINGTON REVOCABLE SURVIVOR TRUST	R98405	R-4010-01800-00600-000	14602 HWY 39	KLAMATH FALLS, OR 97603
208.23	ADX-124	Klamath	Section 18, T40S, R10E	-121.689	42.09075	BEULAH E. REDDINGTON REVOCABLE SURVIVOR TRUST	R98405	R-4010-01800-00600-000	14602 HWY 39	KLAMATH FALLS, OR 97603
208.28	ADX-125	Klamath	Section 18, T40S, R10E	-121.689	42.08993	BEULAH E. REDDINGTON REVOCABLE SURVIVOR TRUST	R98405	R-4010-01800-00600-000	14602 HWY 39	KLAMATH FALLS, OR 97603

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208.29	ADX-126	Klamath	Section 18, T40S, R10E	-121.688	42.09025	CHEYNE, VINCENT	R98370	R-4010-01800-00700-000	14747 CHEYNE RD	KLAMATH FALLS, OR 97603
208.78	ADX-128	Klamath	Section 18, T40S, R10E	-121.682	42.08547	UNION PACIFIC RAILROAD			PO Box 358	Christmas Valley, OR 97641
208.79	AW-127	Klamath	Section 18, T40S, R10E	-121.682	42.08553	OREGON DEPARTMENT OF TRANSPORTATION			4040 Fairview Ind DR SE MS#2	Salem, OR 97301
208.79	AW-127	Klamath	Section 18, T40S, R10E	-121.682	42.08553	UNION PACIFIC RAILROAD			PO Box 358	Christmas Valley, OR 97641
208.85	ADX-129	Klamath	Section 18, T40S, R10E	-121.68	42.08498	DEBRA A. LUGO REVOCABLE LIVING TRUST	R98307	R-4010-01800-01400-000	6302 HARLAN DR	KLAMATH FALLS, OR 97603
209.02	ADX-130	Klamath	Section 18, T40S, R10E	-121.679	42.08425	DEBRA A. LUGO REVOCABLE LIVING TRUST	R98307	R-4010-01800-01400-000	6302 HARLAN DR	KLAMATH FALLS, OR 97603
209.05	ADX-131	Klamath	Section 17, T40S, R10E	-121.679	42.08382	KLAMATH COUNTY			305 Main Street, Rm121	Klamath Falls, OR 97601
209.15	ADX-133	Klamath	Section 20, T40S, R10E	-121.677	42.08245	KLAMATH COUNTY			305 Main Street, Rm121	Klamath Falls, OR 97601
209.15	ADX-133	Klamath	Section 20, T40S, R10E	-121.677	42.08245	BUREAU OF RECLAMATION			6600 WASHBURN WAY	KLAMATH FALLS, OR 97603
209.15	ADX-134	Klamath	Section 20, T40S, R10E	-121.678	42.0824	BUREAU OF RECLAMATION			6600 WASHBURN WAY	KLAMATH FALLS, OR 97603
209.16	ADX-135	Klamath	Section 20, T40S, R10E	-121.678	42.08231	HOWARD, GLENN M. and CHRISTINE	R98771	R-4010-02000-00400-000	9452 MATNEY WAY	KLAMATH FALLS, OR 97603
210.16	ADX-142	Klamath	Section 20, T40S, R10E	-121.664	42.0718	JANDJ FAMILY TRUST	R98717	R-4010-02000-00500-000	3939 S 6TH ST #301	KLAMATH FALLS, OR 97603
210.26	SS-003-001 (ADX-143)	Klamath	Section 20, T40S, R10E	-121.663	42.07075	SCOTT G. BEDFORD LIVING TRUST	R98815	R-4010-02000-01800-000	1231 TULLOCH DR	TRACY, CA 95304




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210.26	SS-003-001 (ADX-143)	Klamath	Section 20, T40S, R10E	-121.663	42.07075	VIRGINIA MAE and LOYD WALKER REED TRUST	R98842	R-4010-02000-01000-000	9630 HILL RD	KLAMATH FALLS, OR 97603
210.85	ADX-260	Klamath	Section 28, T40S, R10E	-121.655	42.06498	SCOTT G. BEDFORD LIVING TRUST	R774647	R-4010-02800-00900-000	1231 TULLOCH DR	TRACY, CA 95304
210.85	ADX-260	Klamath	Section 28, T40S, R10E	-121.655	42.06498	ROJAS, FRANK A. and MARIA L.	R99609	R-4010-02800-00800-000	PO BOX 9644	GLENDALE, CA 91226
210.87	ADX-261	Klamath	Section 28, T40S, R10E	-121.656	42.06371	ROJAS, FRANK A. and MARIA L.	R99609	R-4010-02800-00800-000	PO BOX 9644	GLENDALE, CA 91226
211.19	WW-003-002	Klamath	Section 28, T40S, R10E	-121.651	42.06056	OREGON DEPARTMENT OF TRANSPORTATION			4040 Fairview Ind DR SE MS#2	Salem, OR 97301
211.19	WW-003-002	Klamath	Section 28, T40S, R10E	-121.651	42.06056	BOSHUIZEN, CORNELIS J; GERRIT J. and PATRICIA A.	R99547	R-4010-02800-01200-000	18191 HWY 39	KLAMATH FALLS, OR 97603
211.2	WW-003-001	Klamath	Section 28, T40S, R10E	-121.651	42.06047	BOSHUIZEN, CORNELIS J; GERRIT J. and PATRICIA A.	R99547	R-4010-02800-01200-000	18191 HWY 39	KLAMATH FALLS, OR 97603
211.32	SS-003-002 (NDX-29)	Klamath	Section 28, T40S, R10E	-121.649	42.06078	MAREK, SANDRA G.	R30166	R-4010-02800-01301-000	13253 SE WASHINGTON ST	PORTLAND, OR 97233
211.32	SS-003-002 (NDX-29)	Klamath	Section 28, T40S, R10E	-121.649	42.06078	LINDSAY, JOE G. and MARY L.	R99618	R-4010-02800-01400-000	1863 ARTHUR	KLAMATH FALLS, OR 97603
211.52	NDX-92	Klamath	Section 28, T40S, R10E	-121.646	42.05825	OREGON DEPARTMENT OF TRANSPORTATION			4040 Fairview Ind DR SE MS#2	Salem, OR 97301
211.52	NDX-92	Klamath	Section 28, T40S, R10E	-121.646	42.05825	MAREK, SANDRA G.	R30166	R-4010-02800-01301-000	13253 SE WASHINGTON ST	PORTLAND, OR 97233
211.53	SS-003-004 (NDX-93)	Klamath	Section 28, T40S, R10E	-121.646	42.05722	OREGON DEPARTMENT OF TRANSPORTATION			4040 Fairview Ind DR SE MS#2	Salem, OR 97301
211.53	SS-003-004 (NDX-93)	Klamath	Section 28, T40S, R10E	-121.646	42.05722	MAREK, SANDRA G.	R30166	R-4010-02800-01301-000	13253 SE WASHINGTON ST	PORTLAND, OR 97233

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211.67	WW-003-003 (EDX-1)	Klamath	Section 28, T40S, R10E	-121.644	42.05688	KLAMATH COUNTY			305 Main Street, Rm121	Klamath Falls, OR 97601
211.68	SS-003-004 (NDX-93)	Klamath	Section 28, T40S, R10E	-121.644	42.05723	MAREK, SANDRA G.	R30166	R-4010-02800-01301-000	13253 SE WASHINGTON ST	PORTLAND, OR 97233
211.72	SS-003-004 (NDX-93)	Klamath	Section 28, T40S, R10E	-121.643	42.05724	MAREK, SANDRA G.	R30166	R-4010-02800-01301-000	13253 SE WASHINGTON ST	PORTLAND, OR 97233
211.97	WW-003-003 (EDX-1)	Klamath	Section 27, T40S, R10E	-121.638	42.05687	MAREK, SANDRA G.	R99495	R-4010-02700-00400-000	13253 SE WASHINGTON ST	PORTLAND, OR 97233
212.07	SS-003-005 (NSP-1)	Klamath	Section 27, T40S, R10E	-121.632	42.05634	MAREK, SANDRA G.	R99495	R-4010-02700-00400-000	13253 SE WASHINGTON ST	PORTLAND, OR 97233
212.51	WW-001-001 (EW-86)	Klamath	Section 27, T40S, R10E	-121.628	42.05809	BURLINGTON NORTHERN SANTA FE RAILWAY				
212.51	WW-001-001 (EW-86)	Klamath	Section 27, T40S, R10E	-121.628	42.05809	STUKEL MOUNTAIN PROPERTIES, LLC	R897897	R-4010-02700-00202-000	7552 E WETHERSFIELD RD	SCOTTSDALE, AZ 85260
212.54	WW-001-001 (EW-87)	Klamath	Section 27, T40S, R10E	-121.627	42.05867	BURLINGTON NORTHERN SANTA FE RAILWAY				
212.54	WW-001-001 (EW-87)	Klamath	Section 27, T40S, R10E	-121.627	42.05867	W. C. RANCH, INC	R99422	R-4010-02700-00200-000	17356 HILL RD	KLAMATH FALLS, OR 97603
213.23	ADX-318 and EDX-55/EDX-90	Klamath	Section 26, T40S, R10E	-121.617	42.05655	HILL , DREW and ROCHELLE NORTHROP-HILL	R99306	R-4010-02600-00900-000	18827 HILL RD	KLAMATH FALLS, OR 97603
213.23	ADX-318 and EDX-55/EDX-90	Klamath	Section 26, T40S, R10E	-121.617	42.05655	HILL, DREW and ROCHELLE	R99404	R-4010-02600-01000-000	18827 HILL RD	KLAMATH FALLS, OR 97603
213.45	ADX-318	Klamath	Section 26, T40S, R10E	-121.611	42.05439	HILL , DREW and ROCHELLE NORTHROP-HILL	R99306	R-4010-02600-00900-000	18827 HILL RD	KLAMATH FALLS, OR 97603
213.85	ADX-274	Klamath	Section 26, T40S, R10E	-121.605	42.05404	HILL , DREW and ROCHELLE NORTHROP-HILL	R99306	R-4010-02600-00900-000	18827 HILL RD	KLAMATH FALLS, OR 97603

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213.87	ADX-275	Klamath	Section 26, T40S, R10E	-121.602	42.05362	HILL , DREW and ROCHELLE NORTHROP-HILL	R99306	R-4010-02600-00900-000	18827 HILL RD	KLAMATH FALLS, OR 97603
214.28	Edge-2	Klamath	Section 26, T40S, R10E	-121.601	42.05396	HILL , DREW and ROCHELLE NORTHROP-HILL	R99306	R-4010-02600-00900-000	18827 HILL RD	KLAMATH FALLS, OR 97603
216.1	ASI-51	Klamath	Section 30, T40S, R11E	-121.573	42.06171	VCP RANCH, LTD	R104256	R-4011-00000-04100-000	12520 ANDERSON RD	KLAMATH FALLS, OR 97603
216.11	ASI-52	Klamath	Section 30, T40S, R11E	-121.573	42.06203	VCP RANCH, LTD	R104256	R-4011-00000-04100-000	12520 ANDERSON RD	KLAMATH FALLS, OR 97603
216.3	ASI-50	Klamath	Section 30, T40S, R11E	-121.569	42.06224	VCP RANCH, LTD	R104256	R-4011-00000-04100-000	12520 ANDERSON RD	KLAMATH FALLS, OR 97603
216.44	ASI-49	Klamath	Section 30, T40S, R11E	-121.567	42.06265	VCP RANCH, LTD	R104256	R-4011-00000-04100-000	12520 ANDERSON RD	KLAMATH FALLS, OR 97603
218.09	ASI-136	Klamath	Section 28, T40S, R11E	-121.536	42.06634	DE AMARAL, DENNIS DAVID and LINDA LOUISE	R885157	R-4011-02800-00103-000	PO Box 7576	KLAMATH FALLS, OR
218.46	ASI-137	Klamath	Section 28, T40S, R11E	-121.529	42.06625	DIAZ REVOCABLE LIVING TRUST	R104639	R-4011-02800-00100-000	PO BOX 109	MALIN, OR 97632
219.69	ASI-291	Klamath	Section 27, T40S, R11E	-121.505	42.06545	GARDNER, ARLENE	R104504	R-4011-02700-00100-000	2042 TALON WAY	SAN DIEGO, CA
219.69	AW-292	Klamath	Section 27, T40S, R11E	-121.505	42.06521	GARDNER, ARLENE	R104504	R-4011-02700-00100-000	2042 TALON WAY	SAN DIEGO, CA
219.69	AW-292	Klamath	Section 27, T40S, R11E	-121.505	42.06524	GARDNER, ARLENE	R104504	R-4011-02700-00100-000	2042 TALON WAY	SAN DIEGO, CA
219.70	NL-116	Klamath	Section 27, T40S, R11E	-121.505	42.06624	GARDNER, ARLENE	R104504	R-4011-02700-00100-000	2042 TALON WAY	SAN DIEGO, CA
220.72	SS-502-012	Klamath	Section 23, T40S, R11E	-121.491	42.07268	JOHNSON, DANIEL J. and CAROL M.	R890029	R-4011-00000-06004-000	PO BOX 492	MALIN, OR 97632

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221.15	SS-502-013	Klamath	Section 23, T40S, R11E	-121.485	42.07602	JOHNSON, DANIEL J. and CAROL M.	R890029	R-4011-00000-06004-000	PO BOX 492	MALIN, OR 97632
221.15	SS-502-013b	Klamath	Section 23, T40S, R11E	-121.483	42.07505	JOHNSON, DANIEL J. and CAROL M.	R890029	R-4011-00000-06004-000	PO BOX 492	MALIN, OR 97632
221.3	SS-502-014	Klamath	Section 24, T40S, R11E	-121.482	42.07513	JOHNSON, DANIEL J. and CAROL M.	R888520	R-4011-02400-00802-000	PO BOX 492	MALIN, OR 97632
221.72	SS-502-016	Klamath	Section 24, T40S, R11E	-121.474	42.07368	JOHNSON, DANIEL J. and CAROL M.	R884652	R-4011-02400-00800-000	PO BOX 492	MALIN, OR 97632
222.79	SS-502-003b	Klamath	Section 30, T40S, R12E	-121.453	42.07567	FOUR H ORGANICS, LLC	R600317	R-4012-03000-00100-000	PO BOX 148	MALIN, OR 97632
222.8	SS-502-003a	Klamath	Section 30, T40S, R12E	-121.453	42.07597	FOUR H ORGANICS, LLC	R600317	R-4012-03000-00100-000	PO BOX 148	MALIN, OR 97632
222.99	SS-502-004	Klamath	Section 30, T40S, R12E	-121.45	42.07522	FOUR H ORGANICS, LLC	R600317	R-4012-03000-00100-000	PO BOX 148	MALIN, OR 97632
223.08	SS-502-005	Klamath	Section 30, T40S, R12E	-121.448	42.07499	FOUR H ORGANICS, LLC	R600317	R-4012-03000-00100-000	PO BOX 148	MALIN, OR 97632
223.12	SS-502-006	Klamath	Section 29, T40S, R12E	-121.447	42.07469	THORNE, ROGER and NANCY ANN	R600530	R-4012-02900-00500-000	PO Box 8	MALIN, OR 97632
223.39	SS-502-023	Klamath	Section 29, T40S, R12E	-121.442	42.07545	FOUR H ORGANICS, LLC	R627762	R-4012-02900-00100-000	PO BOX 148	MALIN, OR 97632
223.54	SS-502-011	Klamath	Section 29, T40S, R12E	-121.439	42.07591	FOUR H ORGANICS, LLC	R627762	R-4012-02900-00100-000	PO BOX 148	MALIN, OR 97632
224.03	SS-502-009a	Klamath	Section 29, T40S, R12E	-121.43	42.0764	FOUR H ORGANICS, LLC	R627762	R-4012-02900-00100-000	PO BOX 148	MALIN, OR 97632
224.04	SS-502-009	Klamath	Section 29, T40S, R12E	-121.43	42.07598	FOUR H ORGANICS, LLC	R627762	R-4012-02900-00100-000	PO BOX 148	MALIN, OR 97632

Milepost	Wetland ID	County	PLS	Longitude	Latitude	Owner	APN Number	Map Tax ID	Address	City State Zip
224.17	SS-502-008	Klamath	Section 29, T40S, R12E	-121.428	42.07467	FOUR H ORGANICS, LLC	R627762	R-4012-02900-00100-000	PO BOX 148	MALIN, OR 97632
224.21	SS-502-007	Klamath	Section 29, T40S, R12E	-121.428	42.07417	FOUR H ORGANICS, LLC	R627762	R-4012-02900-00100-000	PO BOX 148	MALIN, OR 97632
224.44	SS-502-021	Klamath	Section 28, T40S, R12E	-121.426	42.07109	RANDC AG LLC	R601138	R-4012-00000-06800-000	29303 DEMERRITT RD	MALIN, OR 97632
225.96	SS-502-025 (ASI-140)	Klamath	Section 34, T40S, R12E	-121.401	42.06384	MCAULIFFE REVOCABLE LIVING TRUST	R600031	R-4012-03400-00300-000	18760 MAUPIN RD	MALIN, OR 97632
225.99	SS-502-024	Klamath	Section 34, T40S, R12E	-121.4	42.06376	MCAULIFFE REVOCABLE LIVING TRUST	R600031	R-4012-03400-00300-000	18760 MAUPIN RD	MALIN, OR 97632
227.14	SS-502-020	Klamath	Section 35, T40S, R12E	-121.383	42.05572	LYON, RODNEY R. and MARIE M.	R628529	R-4012-00000-07100-000	20302 PAYGR RD	MALIN, OR 97632
227.57	SS-502-017	Klamath	Section 35, T40S, R12E	-121.376	42.05199	LYON, RODNEY R. and MARIE M.	R628529	R-4012-00000-07100-000	20302 PAYGR RD	MALIN, OR 97632
228.8	AL-288	Klamath	Section 14, T41S, R12E	-121.37	42.01638	MALIN, IRRIGATION DIST	R742851	R-4112-01300-00300-000	P O BOX 355	MALIN, OR 97632
228.8	AL-288	Klamath	Section 14, T41S, R12E	-121.37	42.01638	MALIN, IRRIGATION DIST	R742860	R-4112-01400-00900-000	P O BOX 355	MALIN, OR 97632

 	Section 404 Permit Application		 <small>DAVID EVANS AND ASSOCIATES INC.</small>
	Document Number: J1-000-RGL-PMT-DEA-00002-00		
	Rev.: B	Rev. Date: October 13, 2017	

Tables

Table B.3-4: Fish Utilization, EFH, Crossing Techniques/Rationales, In-Water Work Windows, and Bridges for Waterbodies

**Table B.3-4
Fish Utilization, EFH in, and Crossing Techniques and In-Water Work Windows for Waterbodies Crossed by the Proposed Route (revised October 20, 2017)**

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Coast Range Ecoregion, Coos Sub-basin (HUC 17100304), Coos Bay-Frontal Pacific Ocean (HUC 1710030403) Fifth field Watershed ⁸, Coos County, Oregon												
Estuary Drain (Alt Wet NH (West))	17100304006491 State	0.00	Estuarine Major	Pullback TEWA Adjacent to Pipeline	The Estuary Drain is not crossed by the centerline. TEWA 0.10, which crosses the drain, is required for the HDD of Coos Bay to fabricate the HDD pipe string and to facilitate the HDD pullback operations. The Estuary Drain will be bridged to minimize disturbance	<ul style="list-style-type: none"> Southern DPS Green Sturgeon, T, CH Oregon Coast ESU Coho, migration, rearing habitat T, CH 	Fall Chinook, Coho, Winter Steelhead, Pacific Lamprey	Various Marine Fish and Shellfish	4 Coastal Pelagic spp., 21 Groundfish spp, 2 Salmonid spp. Pelagic, Groundfish, and Salmonids (see Table 3B-6)	Coastal Pelagic spp., Groundfish spp, Salmonid spp. Fall Chinook/Coho Rearing, Migration	Oct 1 to Feb 15 ^{10a}	Y
Coos Bay (NE-26)	17100304006491 State	0.28 to 1.00	Estuarine Major	HDD	HDD feasibility based on geometry, topography, and expected geotechnical conditions along proposed alignment. Primary HDD activities are significantly set back from crossing. The HDD crossing method will not encumber the Federal Navigation crossed along the HDD alignment. The HDD avoids in-water open cut crossing methods. Other trenchless crossing methods (conventional bore and Direct Pipe®) are not feasible based on crossing length.	<ul style="list-style-type: none"> Southern DPS Green Sturgeon, T, CH Oregon Coast ESU Coho, migration, rearing habitat T, CH 	Fall Chinook, Coho, Winter Steelhead, Pacific Lamprey	Various Marine Fish and Shellfish	4 Coastal Pelagic spp., 21 Groundfish spp, 2 Salmonid spp. Pelagic, Groundfish, and Salmonids (see Table 3B-6)	Coastal Pelagic spp., Groundfish spp, Salmonid spp. Fall Chinook/Coho Rearing, Migration	Oct 1 to Feb 15 ^{10a}	N

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Coos Bay (NE-26)	171003040064961 State	1.46 to 3.02	Estuarine	HDD	HDD feasibility based on geometry, topography, and expected geotechnical conditions along proposed alignment. Primary HDD activities are significantly set back from crossing. The HDD crossing method will not encumber the Federal Navigation crossed along the HDD alignment. The HDD avoids in-water open cut crossing methods. Other trenchless crossing methods (conventional bore and Direct Pipe®) are not feasible based on crossing length.	<ul style="list-style-type: none"> Southern DPS Green Sturgeon, T, CH Oregon Coast ESU Coho, migration, rearing habitat T, CH 	Fall Chinook, Coho, Winter Steelhead, Pacific Lamprey	Various Marine Fish and Shellfish	4 Coastal Pelagic spp., 21 Groundfish spp, 2 Salmonid spp. Pelagic, Groundfish, and Salmonids (see Table 3B-6)	Coastal Pelagic spp., Groundfish spp, Salmonid spp. Fall Chinook/Coho Rearing, Migration	Oct 1 to Feb 15 _{10b}	N
Trib to Coos Bay (NW-117/EE-6)	17100304000767 Private	6.39R	Perennial Minor	Dry Open-Cut	Dry open-cut method feasible/practical on small channelized tributary within golf course lacking effect riparian vegetation.	<ul style="list-style-type: none"> Oregon Coast ESU Coho, assumed habitat T 	Coho Assumed, Winter Steelhead	Unknown	Coho Assumed	Unknown	Jul 1 to Sep 15	Y*
Willanch Slough (EE-7)	17100304001393 Private	8.27R	Perennial Intermediate	Dry Open-Cut	Dry open-cut method feasible/practical on small tributary within pasture/hayfield lacking effect riparian vegetation.	<ul style="list-style-type: none"> Oregon Coast ESU Coho, migration, rearing habitat T, CH 	Coho, Winter Steelhead	Unknown	Coho	Coho Rearing, Migration	Jul 1 to Sep 15	Y*
Trip to Willanch Slough (GDX030)	Private	8.48R	Intermittent Intermediate	Dry Open-Cut	Dry open-cut method feasible/practical on small intermittent channelized tributary on edge of pasture.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Trib. to Cooston Channel (Echo Creek) (SS-100-002)	17100304005045 Private	10.21R	Intermittent Intermediate	Dry Open-Cut	Dry open-cut method feasible/practical on small headwater tributary, if flowing at the time of construction.	<ul style="list-style-type: none"> Oregon Coast ESU Coho, spawning habitat T, CH 	Winter Steelhead Coho	Unknown	Coho	Coho Spawning, Rearing	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Coos River (BSP-119)	17100304005030 Private	11.13R	Estuarine Major	HDD ¹⁰ Level 1 ¹¹	HDD feasible based on geometry, topography, and geotechnical conditions along proposed alignment. Primary HDD activities are significantly set back from crossing. Conventional bore not feasible/practical because of crossing length and high groundwater areas on either side of river. Dry open-cut or diverted open-cut methods not practical/feasible based on flow volumes and tidal influence.	<ul style="list-style-type: none"> Southern DPS Green Sturgeon, T, CH Oregon Coast ESU Coho, migration, rearing habitat T, CH 	Fall Chinook, Coho, Winter Steelhead, Green Sturgeon, Pacific Lamprey	Various Marine Fish and Shellfish	Chinook, Coho Pelagic, Groundfish, (see Table 3B-5)	Fall Chinook/ Coho (Rearing, Migration)	Oct 1 to Feb 15 ^{10c}	N
Vogel Creek (SS-100-005)	17100304005031 Private	11.55BR	Perennial Minor	Dry Open-Cut	Dry open-cut methods feasible/practical during low flow period within fish window. A conventional bore crossing is problematic because of expected high groundwater levels within the Coos River floodplain that would be encountered within the bore pit at design depths.	<ul style="list-style-type: none"> Oregon Coast ESU Coho, spawning habitat T, CH 	Coho, Winter Steelhead	Assumed	Coho	Coho Rearing, Migration	Jul 1 to Sep 15	Y*
Ditch Trib. to Vogel Creek (BR-S-04)	17100304000790 Private	11.88BR	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent ditched tributary if flowing at the time of construction.	None	None	None	None	None	Jul 1 to Sep 15	Y*
Ditch Trib. to Vogel Creek (BR-S-06)	17100304000798 Private	12.11BR	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 2' wide intermittent ditched tributary if flowing at the time of construction.	None	None	None	None	None	Jul 1 to Sep 15	Y*
Trib to Lillian Creek (EE-SS-9021)	17100304014424 Private	13.41BR	Intermittent Minor	Adjacent to centerline within ROW	Small headwater, interpreted, Intermittent tributary not crossed by centerline. If present, would be restored to approximate original contour and grade during restoration.	None	None	None	None	None	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. to Stock Slough (EE-SS-9026)	17100304015021 Private	13.92BR	Intermittent N/A	Adjacent to centerline within TEWA	Small headwater, interpreted Intermittent, tributary not crossed by centerline on edge of TEWA and can likely be avoided, if present. If present and cannot be avoided, would be restored to approximate original contour and grade during restoration.	None	None	None	None	None	Jul 1 to Sep 15	N
Trib. to Stock Slough (BR-S-31)	17100304002068 Private	14.72BR	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small non-fish intermittent ditched tributary if flowing at the time of construction.	None	None	None	None	None	Jul 1 to Sep 15	Y*
Stock Slough (BR-S-36)	17100304000507 Private	15.11BR	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on creek during low flow period within fish window. A conventional bore crossing is problematic because of expected high groundwater levels within the Stock Slough floodplain and Laxstrom Gluch that would be encountered within the bore pit at design depths.	• Oregon Coast ESU Coho, spawning habitat T, CH	Coho, Winter Steelhead,	Assumed	Coho	Coho Spawning, Rearing	Jul 1 to Sep 15	Y*
Stock Slough (EE-SS-9068)	17100304000507 Private	15.32BR	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small waterbody during low flow period within fish window and if flowing at the time of construction. A conventional bore crossing is problematic because of expected high groundwater levels within the Stock Slough floodplain that would be encountered within the bore pit at design depths. A bore crossing is not feasible because of topographic constraints on west side of creek because of grading/excavation requirements for a bore pit.	• Oregon Coast ESU Coho, spawning habitat T, CH	Coho, Winter Steelhead,	Assumed	Coho	Coho Spawning, Rearing	Jul 1 to Sep 15	Y*

Coast Range Ecoregion, Coquille Sub-basin (HUC 17100305), North Fork Coquille River (HUC 1710030504) Fifth field Watershed ⁸ Coos County, Oregon

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Steinnon Creek (SS-500-003; BR-S-63)	17100305000361 BLM	20.20BR	Perennial Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small non-fish tributary. Steep topographic conditions prevent a conventional bore because of bore pit grading/excavation requirements on both sides of the crossing.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y
Steinnon Creek (BR-S-63)	171003050000361 BLM	24.32BR	Perennial Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical during low flows periods within ODFW in-water work window. Right-of-way has been necked down to 75 feet and TEWAs located in cleared areas to minimize riparian disturbance. A conventional bore (geotechnical conditions unknown) would require additional riparian impacts because TEWAs to accommodate the bore pits would be required closer to the waterbody in forested riparian areas.	• Oregon Coast ESU Coho, spawning, rearing habitat T, CH	Fall Chinook, Coho, Winter Steelhead, Pacific Lamprey	Assumed	Chinook, Coho	Fall Chinook, Coho Rearing, Migration	Jul 1 to Sep 15	Y-1i
Ditch	17100305012102 Private	22.72	Intermittent Minor	Dry Open-Cut	Dry-open cut methods feasible/practical on small field drainage ditch if flowing during construction.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
North Fork Coquille River (BSP-207)	17100305000339 Private	23.06	Perennial Intermediate	Dry Open-Cut Level 1 ¹¹	Dry open-cut method feasible/practical on 20' wide river during low flow period within fish window. Impacts to riparian vegetation minimized by placement/setbacks of TEWAs on west side of river in field and eastside setback 100 feet from waterbody. ROW also necked down to 75 feet. Topographic conditions on east side of the crossing prevent HDD crossing methods because of elevation differences between entry/exit and necessary workspace grading requirements.	• Oregon Coast ESU Coho, spawning, rearing, migration habitat T, CH	Spring Chinook, Fall Chinook, Coho, Winter Steelhead, Pacific Lamprey	Cutthroat Trout	Chinook, Coho	Spring and Fall Chinook, Coho Rearing, Migration	Jul 1 to Sep 15	Y-1i

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. to Middle Creek (BR-S-63)	17100305012832 Private	25.18	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent headwater, non-fish-bearing tributary if flowing at the time of construction.	None	None	None	None	None	Jul 1 to Sep 15	Y*
Trib. to Middle Creek (BSI-137)	BLM- Coos Bay District	27.01	Intermittent Intermediate	Dry Open-Cut	Intermittent tributary to be crossed at the same time as the crossing of Middle Creek at MP 27.04 using dry open-cut. Tributary expected to be dry at the time of construction.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Trib. to Middle Creek (BSI-135)	BLM- Coos Bay District	27.03	Intermittent Minor	Adjacent to centerline within ROW Level 2	Intermittent tributary not crossed by centerline.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	N
Middle Creek (BSP-133)	17100305000323 BLM- Coos Bay District	27.04	Perennial Intermediate	Dry Open-Cut Level 2 ¹¹	Dry open-cut methods feasible/practical on creek during low flow period within fish window. A conventional bore crossing is not feasible because of topographic constraints on west side of creek because of grading/excavation requirements for bore pit. An HDD is not feasible because of topographic/geometry conditions.	• Oregon Coast ESU Coho, rearing, migration habitat T, CH	Fall Chinook, Coho, Winter Steelhead, Pacific Lamprey	Cutthroat Trout	Chinook, Coho	Fall Chinook, Coho Rearing, Migration	Jul 1 to Sep 15	Y-1i

Coast Range Ecoregion, Coquille Sub-basin (HUC 17100305), East Fork Coquille River (HUC 1710030503) Fifth field Watershed⁸, Coos County, Oregon

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. To E. Fork Coquille (BSP-77)	7100305002504 Private	28.86	Perennial Intermediate	Dry Open-Cut (Streambed-bedrock) ¹² Level 1	Dry open-cut methods feasible/practical on small incised headwater trib. Dam and pump crossing method most logical dry open-cut method based on topographic conditions to eliminate difficulties of threading pipe string under flume with associated safety risks including upsetting flume during process. Steep topographic conditions prevent a conventional bore because of bore pit grading/excavation requirements on both sides of the crossing.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Cutthroat Trout	Coho Assumed	Unknown	Jul 1 to Sep 15	Y
Trib. To E. Fork Coquille (BSI-76)	17100305002598 Private	29.30	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small tributary. Steep topographic conditions prevent a conventional bore because of bore pit grading/excavation requirements on west side of the crossing.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Unknown	Coho Assumed	None	Jul 1 to Sep 15	Y*
Trib. To E. Fork Coquille (BSI-76)	17100305002647 Private	29.47	Intermittent Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small 3-4' intermittent tributary if flowing at the time of construction.	None	Unknown	possible	None	None	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
East Fork Coquille River (BSP-71)	17100305000286 Private	29.85	Perennial Intermediate	Dry Open-Cut Level 1 ¹¹	<p>Project alignment was selected based on landowner negotiations and requirement to avoid landowner's air strip. Dry open-cut methods feasible/practical during low flow crossing period during ODFW in-water work window. Conventional bore is not practical because of significant grading/excavation requirements for bore pits. The river is deeply incised below stream banks requiring extensive pits for installation below streambed. Continued bore pit dewatering would be required to keep bore pits dry.</p> <p>A temporary bridge is also necessary to prevent entire spread move around. A crossing bridge will require bank grading for crossing access.</p> <p>An HDD is probable at the approximate crossing location based on the topography, geometry and expected geotechnical conditions. Significant HDD costs, HDD time requirements and the need for a crossing bridge were the determinants for the proposed dry-open cut crossing method.</p>	<ul style="list-style-type: none"> Oregon Coast ESU Coho, spawning, rearing, migration habitat T, CH 	Spring Chinook, Fall Chinook, Coho, Winter Steelhead, Pacific Lamprey	Cutthroat Trout	Chinook, Coho	Spring Chinook Rearing, Migration Fall Chinook Spawning, Rearing, Coho Rearing, Migration	Jul 1 to Sep 15	Y-1i
Trib. to E. Fork Coquille (SS-003-007A)	17100305002813 Private	30.22	Perennial Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent tributary if flowing at the time of construction	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Trib. to E. Fork Coquille (SS-003-007B)	17100305002813 Private	30.29	Perennial Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent tributary if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. To E. Fork Coquille (BSI-70)	17100305018097 BLM- Coos Bay District	31.64	Intermittent Minor	Dry Open-Cut	Small 1-wide intermittent headwater tributary, dry open-cut methods feasible/practical, if flowing at time of construction.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Elk Creek (BSP-57)	1240218431116 Private	32.40	Perennial Minor	Dry Open-Cut Level 1 ¹¹	Dry open-cut methods feasible/practical on small 8' wide tributary. Steep topographic conditions on north side of stream prevent a conventional bore because of grading/excavation requirements for bore pit. StreamNet data indicates anadromy below crossing (~ 1 mile). Waterbody is within the ¼ mile buffer of MAMU-occupied stand (C3098). Conflicts with ODFW recommended in-water work periods are not expected based on proposed two-year construction schedule. However, proposed Year Two daily timing restrictions during construction to minimize impacts to MAMU should be waived during the stream crossing installation to minimize the duration of instream work and installation of flumes or dams/pumps.	• Oregon Coast ESU Coho, assumed habitat T	Coho, Winter Steelhead,	Cutthroat Trout	Coho Assumed	Unknown	Jul 1 to Sep 15	Y

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. To Elk Creek (BSP-55)	1239513431370 Private	32.44	Perennial Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small 3-4' wide tributary. Waterbody is within the ¼ mile buffer of MAMU-occupied stand (C3098). Conflicts with ODFW-recommended in-water work periods are not expected based on proposed two-year construction schedule. However, proposed Year Two daily timing restrictions during construction to minimize impacts to MAMU should be waived during the stream crossing installation to minimize the duration of instream work and installation of flumes or dams/pumps.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y
Trib. To Elk Creek (SS-100-030)	7100305021871 Private	32.56	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small/non-fish-bearing intermittent headwater tributary if flowing at time of construction. Topographic conditions on both sides of stream limit a conventional bore because of grading/excavation requirements for bore pits.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Trib. To Elk Creek (SS-100-031)	17100305021865 Private	32.63	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small interpreted, intermittent headwater tributary if flowing at time of construction.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Trib. To Elk Creek (BSP-49)	17100305003372 Private	33.00	Perennial Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 10' wide tributary. Topographic conditions on both sides of stream limit a conventional bore because of grading/excavation requirements for bore pits.	None	Assumed	Assumed	None	None	Jul 1 to Sep 15	Y

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. To Elk Creek (BSP-50)	17100305003372 Private	33.02	Perennial Minor	Adjacent to centerline within ROW (Streambed-bedrock) ¹²	Not crossed by pipeline centerline. Small 2' wide headwater tributary expected to be dry during construction. Trib. would be crossed at the same time as BSP049 at MP 32.99.	None	Assumed	Assumed	None	None	Jul 1 to Sep 15	Y*
South Fork Elk Creek (CSP-5)	17100305000591 Private	34.46	Perennial Intermediate	Dry Open-Cut (Streambed-bedrock) ¹² Level 2 ¹¹	Dry open-cut methods feasible/practical on stream. Steep topographic conditions on both sides of stream prevent conventional bore crossing methods because of grading/excavation requirements for bore pits.	• Oregon Coast ESU Coho, spawning, rearing habitat T, CH	Coho, Winter Steelhead,	Cutthroat Trout	Coho	Coho Spawning, Rearing	Jul 1 to Sep 15	Y
Trib. To S. Fork Elk Creek (BSI-251)	17100305021783 BLM-Coos Bay District	35.51	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent headwater tributary, if flowing at time of construction. Crossing will occur adjacent to road where existing culvert is in place. This waterbody is located within an occupied MAMU-stand (C3093). Conflicts with ODFW-recommended in-water work periods are not expected based on the proposed two-year construction schedule. However, the proposed Year Two daily timing restrictions during construction to minimize impacts to MAMU should be waived during the stream crossing installation to minimize the duration of instream work and the installation of flumes or dams/pumps.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	N (In existing road)

Coast Range Ecoregion, Coquille Sub-basin (HUC 17100305), Middle Fork Coquille River (HUC 1710030501) Fifth field Watershed⁸, Coos County, Oregon

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. to Big Creek (BLM 35.87)	17100305025781 BLM-Coos Bay District	35.87	Intermittent Minor	Dry Open-Cut	<p>Dry open-cut methods feasible/practical on small intermittent headwater tributary, if flowing at time of construction. Crossing occurs within Elk Creek Road (BLM 28-11-29-0) and flows through a 12" culvert which will be replaced.</p> <p>Waterbody is within the ¼ mile buffer of MAMU-occupied stand (C3093). Conflicts with ODFW-recommended in-water work periods are not expected based on proposed two year construction schedule. However, proposed Year Two daily timing restrictions during construction to minimize impacts to MAMU should be waived during the stream crossing installation to minimize the duration of instream work and to allow the removal of road culvert, installation of flumes or dams/pumps, and replacement of the road culvert</p>	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window, 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. To Big Creek (BLM 36.48)	17100305026477 BLM-Coos Bay District	36.48	Intermittent Minor	Dry Open-Cut	<p>Dry open-cut methods feasible/practical on small intermittent headwater tributary, if flowing at time of construction.</p> <p>This waterbody is located adjacent to an occupied MAMU-stand (C3073). Conflicts with ODFW-recommended in-water work periods are not expected based on the proposed two-year construction schedule. However, the proposed Year Two daily timing restrictions during construction to minimize impacts to MAMU should be waived during the stream crossing to facilitate the crossing and allow the installation/removal of flumes or dams/pumps and to minimize the duration of instream work.</p>	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window, 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. To Big Creek (GSI-25/BSI-253)	17100305004068 BLM-Coos Bay District	36.54	Intermittent Minor	Dry Open-Cut	<p>Dry open-cut methods feasible/practical on small 4' wide intermittent headwater tributary, if flowing at time of construction. No additional workspace required. ODFW fish passage barrier data reports a downstream boulder canyon with a 10-foot falls at upper end (RecordID 52488). StreamNet data indicates anadromy below crossing (~ 0.5 mile) at ODFW barrier 52488.</p> <p>This waterbody is located within an occupied MAMU-stand (C3073). Conflicts with ODFW-recommended in-water work periods are not expected based on the proposed two-year construction schedule. However, the proposed Year Two daily timing restrictions during construction to minimize impacts to MAMU should be waived during the stream crossing installation to minimize the duration of instream work and the installation of flumes or dams/pumps.</p>	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window, 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. To Big Creek (BLM 36.85)	17100305025748 BLM-Coos Bay District	36.85	Intermittent Minor	Dry Open-Cut	<p>Dry open-cut methods feasible/practical on small intermittent headwater tributary, if flowing at time of construction. Crossing occurs within Elk Creek Road (BLM 28-11-29-0) and flows through a 12-18" culvert which will be replaced.</p> <p><i>This waterbody is located within an occupied MAMU-stand (C3073). Conflicts with ODFW-recommended in-water work periods are not expected based on the proposed two-year construction schedule. However, the proposed Year Two daily timing restrictions during construction to minimize impacts to MAMU should be waived during the stream crossing to facilitate the crossing and allow the installation/removal of flumes or dams/pumps and to minimize the duration of instream work.</i></p>	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window, 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. To Big Creek (BSI-252)	17100305004061 BLM-Coos Bay District	36.92	Intermittent Minor	Dry Open-Cut	<p>Dry open-cut methods feasible/practical on small 3' wide intermittent headwater tributary, if flowing at time of construction. No additional workspace required. Alignment and trib. crossing along existing road. ODFW fish passage barrier data reports a downstream boulder canyon with a 10 foot falls at upper end (RecordID 52488). StreamNet data indicates anadromy below crossing (~ 1 mile) at ODFW barrier 52488.</p> <p>This waterbody is located within an occupied MAMU-stand (C3073). Conflicts with ODFW-recommended in-water work periods are not expected based on the proposed two-year construction schedule. However, the proposed Year Two daily timing restrictions during construction to minimize impacts to MAMU should be waived during the stream crossing installation to minimize the duration of instream work and the installation of flumes or dams/pumps.</p>	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	N (In existing road)

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window, 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. To Big Creek (ESI-19)	17100305026126 BLM-Coos Bay District	37.32	Intermittent Minor	Dry Open-Cut	<p>Dry open-cut methods feasible/practical on small 3' wide intermittent headwater tributary, if flowing at time of construction. No additional workspace required. ODFW fish passage barrier data reports a downstream boulder canyon with a 10 foot falls at upper end (RecordID 52488). StreamNet data indicates anadromy below crossing (~ 1 mile) at ODFW barrier 52488. StreamNet data indicates anadromy below crossing (~ 1 mile) at ODFW barrier 52488.</p> <p><i>This waterbody is located within an occupied MAMU-stand (C3090). Conflicts with ODFW-recommended in-water work periods are not expected based on the proposed two-year construction schedule. However, the proposed Year Two daily timing restrictions during construction to minimize impacts to MAMU should be waived during the stream crossing installation to minimize the duration of instream work and the installation of flumes or dams/pumps.</i></p>	None	Unknown	Cutthroat Trout Assumed	None	None	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window, 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. To Big Creek (ESP-20)	17100305000606 BLM-Coos Bay District	37.35	Perennial Intermediate	Dry Open-Cut Level 1 ¹¹	<p>Dry open-cut methods feasible/practical on stream. Dam and pump crossing method most logical dry open-cut method based on topographic conditions to eliminate difficulties of threading pipe string under flume with associated safety risks including upsetting flume during process. Steep topography on both sides of stream prevents conventional bore crossing methods because of grading/excavation requirements for bore pits. No additional workspace proposed. ODFW fish passage barrier data reports a downstream boulder canyon with a 10 foot falls at upper end (RecordID 52488). StreamNet data indicates anadromy below crossing (~ 1 mile) at ODFW barrier 52488.</p> <p><i>This waterbody is located within an occupied MAMU-stand (C3090). Conflicts with ODFW-recommended in-water work periods are not expected based on the proposed two-year construction schedule. However, the proposed Year Two daily timing restrictions during construction to minimize impacts to MAMU should be waived during the stream crossing installation to minimize the duration of instream work and the installation of flumes or dams/pumps.</i></p>	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Upper Rock Creek (BSP-41)	17100305000252 Private	44.21	Perennial Intermediate	Dry Open-Cut Level 1	Dry open-cut methods feasible/practical on stream. Dam and pump crossing method most logical dry open-cut method based on topographic conditions to eliminate difficulties of threading pipe string under flume with associated safety risks including upsetting flume during process. Steep topography on both sides of stream prevents conventional bore crossing methods because of grading/excavation requirements for bore pits. ODFW fish passage barrier data indicated two potential downstream falls may limit passage one report as 6-8 feet (RecordID 52484). StreamNet data indicates anadromy below crossing (~ 6 miles) at ODFW barrier RecordID 52484.	None	None	Cutthroat Trout Assumed	None	None	Jul 1 to Sep 15	Y
Klamath Mountains Ecoregion, Coquille Sub-basin (HUC 17100305), Middle Fork Coquille River (HUC 1710030501) Fifth field Watershed⁸, Douglas County, Oregon												
Tributary Trib. to Upper Rock Creek (S3-07 /BW-38)	17100305005585 Private	46.56	Perennial Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small non-fish-bearing headwater tributary.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y
Ditch (S3-06)	Private	48.21	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent road ditch if flowing at time of construction.	None	Unknown	Unknown	None	None	N/A	Y*
Deep Creek (BSP-257)	17100305005863 BLM-Roseburg District	48.27	Perennial Intermediate	Dry Open-Cut Level 1	Dry open-cut methods feasible/practical on broad stream and associated wetlands. ODFW fish passage barrier data (Recordid 56033) reports downstream falls on the Middle Fork Coquille River restrict anadromy at crossing.	None	Unknown	Cutthroat Trout Assumed	None	None	Jul 1 to Sep 15	Y-1i
Ditch (BDX-32)	Private	49.94	Intermittent Minor	Adjacent to ROW	Right-of-way was necked-down to avoid the ditch.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	N

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Ditch (BDX-31)	Private	50.02	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent field ditch if flowing at time of construction.	None	Unknown	Unknown	None	None	N/A	Y*
Middle Fork Coquille River (BSP-30)	17100305000232 Private	50.28	Perennial Intermediate	Dry Open-Cut (Streambed-bedrock) ¹² Level 1 ¹¹	Dry open-cut methods feasible/practical on broad stream during low flows within ODFW in-water work windows. ROW has been necked down to 75 feet and TEWAs located in existing cleared areas to minimize riparian impacts. ODFW fish passage barrier data (Recordid 56033) reports downstream falls on the Middle Fork Coquille River restrict anadromy at crossing. StreamNet data also indicates duplicates this anadromy restriction at this barrier.	None	Unknown	Cutthroat Trout Assumed	None	None	Jul 1 to Sep 15	Y-1i
Trib. to Middle Fork Coquille (GDX-36/BSI-66)	17100305005874 Private	50.45	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-4' wide intermittent ditched tributary in ag field if flowing at time of construction.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Belieu Creek (BSP-61/GSI-37)	17100305000706 Private	50.71	Perennial Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3' wide headwater tributary. Steep topography on west side of crossing prevents conventional bore because of grading/excavation requirements for a bore pit. ODFW fish passage barrier data (RecordID 56033) reports downstream falls on the Middle Fork Coquille River restrict anadromy at the crossing.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y
Trib. to Middle Fork Coquille (GSI-38)	17100305022784 Private	51.02	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-4' wide intermittent headwater tributary if flowing at time of construction. No additional workspace required.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Unnamed Stream (SS-222-006)	Private	51.71	Intermittent Minor	Adjacent to centerline within ROW	Dry open-cut methods feasible/practical on small intermittent field ditch if flowing at time of construction.	None	None	None	None	None	Jul 1 to Sep 15	Y*
Klamath Mountains Ecoregion, South Umpqua (HUC 17100302) Sub-basin, Olalla Creek-Lookingglass Creek (HUC 1710030212) Fifth field Watershed⁸, Douglas County, Oregon												
Trib. to Shields Creek (BSI-202)	17100302001821 Private	55.90	Intermittent Intermediate	Dry Open-Cut Level 1	Dry open-cut methods feasible/practical on intermittent tributary if flowing at time of construction.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y*
Trib. to Shields Creek (BSI-203)	17100302001894 Private	55.94	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 8' wide intermittent tributary if flowing at time of construction.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y*
Trib. to Shields Creek (Denied Access 13)	17100302044091 Private	56.28	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3-4' wide intermittent tributary if flowing at time of construction.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y*
Trib. to Shields Creek (Denied Access 14)	17100302044013 Private	56.34	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3-4' wide intermittent tributary if flowing at time of construction.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y*
Trib. to Olalla Creek (BSI-140)	17100302048489 Private	57.11	Intermittent Minor	Dry Open-Cut (Streambed – bedrock) ¹²	Dry open-cut methods feasible/practical on small intermittent tributaries if flowing at time of construction.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y*
Trib. to Olalla Creek (BSI-140)	17100302048489 Private	57.14	Intermittent Minor	Dry Open-Cut (Streambed – bedrock) ¹²	Dry open-cut methods feasible/practical on small intermittent tributaries if flowing at time of construction.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y*
Trib. to Olalla Creek (BSI-138)	17100302002187 Private	57.31	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 5' wide intermittent tributary if flowing at time of construction. ROW has been necked down to 75 feet and TEWAs located in existing cleared areas to minimize riparian impacts.	• Oregon Coast ESU Coho, assumed habitat T	Unknown	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y*
Trib. to Olalla Creek (BSI-147/EE-12)	17100302002221 Private	57.84	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent tributary if flowing at time of construction. ROW has been necked down to 75 feet and TEWAs located in existing cleared areas to minimize riparian impacts.	• Oregon Coast ESU Coho, assumed habitat T	Unknown	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Irrigation Canal (BDX148)	Private	57.97	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent field ditch if flowing at time of construction.	None	None	None	None	None	N/A	Y*
Trib. to Olalla Creek (BSI-151)	17100302002311 Private	58.20	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3' wide intermittent tributary if flowing at time of construction. ROW has been necked own to 75 feet and TEWAs located in existing cleared areas to minimize riparian impacts.	• Oregon Coast ESU Coho, assumed habitat T	Unknown	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y*
Ditch (BDX-157)	Private	58.30 58.51	Intermittent Minor	Adjacent to centerline within ROW and TEWA	Dry open-cut methods feasible/practical on small intermittent field ditch if flowing at time of construction.	None	None	None	None	None	N/A	Y*
Trib. to Olalla Creek (BSP-159)	17100302002420 Private	58.55	Perennial Intermediate	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small 10' wide tributary. ROW has been necked down to 75 feet and TEWA located in existing cleared area to minimize riparian impacts.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y
Olalla Creek (BSP-155)	17100302000047 Private	58.78	Perennial Intermediate	Dry Open-Cut Level 2 ¹¹	Dry open-cut methods feasible/practical on broad stream during low flows within ODFW in-water work windows. (USGS Gage station 1431120 reports Mean of monthly discharge recording period 1956 to 1973 of 2.0, 0.52 & 0.77 cfs, respectively for Jul, Aug & Sep). TEWAs have been located in existing cleared areas to minimize riparian impacts.	• Oregon Coast ESU Coho, spawning, rearing, migration habitat T, CH	Coho, Winter Steelhead	Cutthroat Trout	Coho	Coho Spawning, Rearing, Migration	Jul 1 to Sep 15	Y-1i
Ditch - Trib. to Olalla Creek (BDX-153)	17100302002576 Private	59.02	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent field ditch if flowing at time of construction.	None	None	None	None	None	N/A	Y*
Trib. to Olalla Creek (BSI-132)	17100302002635 Private	59.29	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 9' wide intermittent tributary if flowing at time of construction.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. to Olalla Creek (BSI-129)	17100302000705 Private	59.65	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent tributary if flowing at time of construction.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Present, Unspecified	Coho Assumed	Unknown	Jul 1 to Sep 15	Y*
Trib. to McNabb Creek (NSP-14)	17100302002838 Private	60.13	Perennial Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small 6' wide tributary. Extensive grading/excavation requirements limit feasibility of conventional bore methods.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y
McNabb Creek (NSP-13)	17100302002924 Private	60.48	Perennial Minor	Dry Open-Cut (Streambed-bedrock) ¹² Level 1	Dry open-cut methods feasible/practical on tributary. TEWAs located in existing cleared areas to minimize riparian impacts.	• Oregon Coast ESU Coho, spawning, rearing habitat T, CH	Coho, Winter Steelhead,	Cutthroat Trout	Coho	Coho Spawning, Rearing	Jul 1 to Sep 15	Y
Klamath Mountains Ecoregion, South Umpqua (HUC 17100302) Sub-basin, Clark Branch-South Umpqua River (HUC 1710030211) Fifth field Watershed⁸, Douglas County, Oregon												
Kent Creek (BSP-240)	17100302000075 Private	63.97	Perennial Intermediate	Dry Open-Cut Level 1	Dry open-cut methods feasible/practical on broad stream during low flows within ODFW in-water work windows. Steep topographic conditions on both sides of the stream prevent conventional bore methods because of extensive grading/excavation requirements for bore pits	• Oregon Coast ESU Coho, spawning, rearing habitat T, CH	Coho, Winter Steelhead,	Cutthroat Trout	Coho	Coho Spawning, Rearing	Jul 1 to Sep 15	Y
Trib. to Kent Creek (BS-I241)	17100302003968 Private	63.97	Intermittent Minor	Adjacent to centerline within ROW Level 1	Not crossed by centerline. Small intermittent tributary expected to be dry during construction and will be restored to approximate original contour and grade during restoration.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	N (can be avoided)
Rice Creek (S2-04; BSP-227)	17100302000079 Private	65.76	Perennial Intermediate	Dry Open-Cut (Streambed-bedrock) ¹² Level 1	Dry open-cut methods feasible/practical during low flows periods within ODFW in-water work windows. Alignment is defined by residential development in immediate area. ROW has been necked down to 75 feet and TEWAs located in cleared areas to minimize riparian disturbances.	• Oregon Coast ESU Coho, spawning, rearing habitat T, CH	Coho, Winter Steelhead,	Cutthroat Trout	Coho	Coho Spawning, Rearing	Jul 1 to Sep 15	Y

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. to Willis Creek (BSI-230)	17100302004832 Private	66.87	Intermittent N/A	Adjacent to centerline within ROW (Streambed-bedrock) ¹²	Not crossed by centerline, 2' wide intermittent tributary expected to be dry during summer construction period. Tributary will be restored to approximate original contour and grade during restoration.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	N
Willis Creek (BSP-168)	17100302000083 Private	66.95	Perennial Intermediate	Dry Open-Cut (Streambed-bedrock) ¹² Level 1	Dry open-cut methods feasible/practical during low flows periods within ODFW in-water work windows. ROW has been necked down to 75 feet and TEWAs located in cleared areas to minimize riparian disturbances.	• Oregon Coast ESU Coho, spawning, rearing habitat T, CH	Coho, Winter Steelhead,	Cutthroat Trout	Coho	Coho Spawning, Rearing	Jul 1 to Sep 15	Y-1i
Trib. to Willis Creek (BSI-169)	17100302048422 Private	67.00	Intermittent Intermediate	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small intermittent tributary, if flowing at time of construction.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y*
Trib. to South Umpqua River (SS-005-001 (SS-100-011))	17100302049984 Private	69.10	Intermittent N/A	Adjacent to centerline within ROW	Not crossed by centerline. Small intermittent headwater tributary expected to be dry during construction and will be restored to approximate original contour and grade during restoration.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	N
Trib. to South Umpqua River SS-004-004 (SS-100-012)	17100302005610 Private	69.29	Perennial Minor	Dry Open-Cut	Dry open-cut methods feasible/practical during low flows periods within ODFW in-water work windows. No TEWAs are proposed to minimize riparian and landowner impacts.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y*
Trib. to South Umpqua River (SS-004-005 (SS-100-013))	17100302000727 Private	69.35	Perennial Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical during low flows periods within ODFW in-water work windows. No TEWAs are proposed to minimize landowner impacts.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y*
Trib. to South Umpqua River (SS-004-006 (SS-100-014))	17100302005693 Private	69.57	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on 2'to 3' foot wide headwater tributary which is expected to be dry at the time of construction. If flowing, crossing would be completed during low flows periods within ODFW in-water work windows.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. to South Umpqua River (SS-100-015)	17100302006216 Private	71.08	Intermittent N/A	Adjacent In TEWA 71.01-N	Tributary is within required laydown area for the Direct Pipe crossing of the South Umpqua River.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
South Umpqua River (BSP-26)	17100302000086 Private	71.27	Perennial Major	Direct Pipe Level 2 ¹¹	The Direct Pipe crossing method has been evaluated and determined to be feasible at the proposed crossing location. The proposed alignment has been rerouted to facilitate the crossings of I-5, South Umpqua River, Dole Road, and the railroad using a single Direct Pipe crossing. Because of subsurface geotechnical conditions the HDD crossing method has been determined to be infeasible. This crossing method/location avoids the need to use a diverted open cut to cross the South Umpqua River on the 2009 FEIS route or an open cut crossing on Reroute 67.6.	• Oregon Coast ESU Coho, migration habitat T, CH	Spring Chinook, Fall Chinook, Coho, Winter Steelhead, Pacific Lamprey	Present, unspecified	Chinook, Coho	Spring Chinook-Migration Fall Chinook Spawning, Rearing, Migration Coho Migration	Jul 1 to Aug 31	N
Trib. to South Umpqua River (SS-005-007)	17100302035572 Private	71.34	Intermittent N/A	Adjacent to potential Roth Pipe Yard	Ditch is avoided.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	N
Trib. to South Umpqua River (SS-005-008 SS-100-016)	17100302006366 Private	71.35 71.57	Intermittent N/A	Direct Pipe	Crossed by the Direct Pipe installation associated with the South Umpqua River and I-5 Crossing	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	N
Trib. to South Umpqua River (SS-100-017)	17100302047304 Private	71.69	Intermittent N/A	Adjacent to centerline within ROW	Not crossed by centerline. Small intermittent headwater tributary expected to be dry during construction and will be restored to approximate original contour and grade during restoration.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	N

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. to South Umpqua River (SS-005-009 SS-100-019)	17100302006590 Private	73.04	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on 2'to 3' foot wide headwater tributary which is expected to be dry at the time of construction. If flowing, crossing would be completed during low flows periods within ODFW in-water work windows.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Trib. to South Umpqua River (SS-005-013 SS-100-020)	17100302050160 Private	73.51	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on 2'to 3' foot wide headwater tributary which is expected to be dry at the time of construction. If flowing, crossing would be completed during low flows periods within ODFW in-water work windows.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Trib. to South Umpqua River (SS-005-011 & -12 SS-100-021)	17100302049674 Private	73.56	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on 2'to 3' foot wide headwater tributary which is expected to be dry at the time of construction. If flowing, crossing would be completed during low flows periods within ODFW in-water work windows.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Unnamed Stream (SS-005-010)	Private	73.73	Perennial Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 2' to 3' foot wide headwater tributary that is expected to be dry at the time of the crossing. If flowing, crossing would be completed during low flow periods within ODFW in-water work window.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y

Klamath Mountains Ecoregion, South Umpqua (HUC 17100302) Sub-basin, Myrtle Creek (HUC 1710030210) Fifth field Watershed⁸, Douglas County, Oregon

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Rock Creek (EE-SS-9032)	17100302007335 Private	75.33	Perennial Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on non-fish-bearing stream within steep incised drainage. Dam and pump would be the most logical method based on topographic conditions to eliminate difficulties of threading pipe string under flume with associated safety risks, including upsetting flume during process. Topographic conditions on both sides of stream prevent a conventional bore because of grading/excavation requirements for bore pits.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y
Trib. to Rock Creek (EE-SS-9033)	17100302001061 Private	75.34	Perennial Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on non-fish-bearing stream within steep incised drainage. Dam and pump would be the most logical method based on topographic conditions to eliminate difficulties of threading pipe string under flume with associated safety risks, including upsetting flume during process. Topographic conditions on both sides of stream prevent a conventional bore because of grading/excavation requirements for bore pits.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y
Bilger Creek (BSP-1)	17100302000605 Private	76.38	Perennial Minor	Dry Open-Cut Level 1	Dry open-cut methods feasible/practical on small 6' wide tributary. ROW necked down and TEWAs set in existing cleared areas to minimize riparian impacts. ODFW fish passage barrier data indicate two potential downstream barriers (RecordID 2571 & 2603).	• Oregon Coast ESU Coho, spawning, rearing habitat T, CH	Coho, Winter Steelhead,	Cutthroat Trout	Coho	Coho Spawning, Rearing	Jul 1 to Sep 15	Y

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Little Lick (BSP-6)	17100302001073 Private	77.71	Perennial Minor	Dry Open-Cut Level 1	Dry open-cut methods feasible/practical on small 7' wide tributary. No additional workspace required. Steep topographic conditions make a conventional bore impractical because of extensive grading/excavation requirements as well as subsequent riparian disturbance.	• Oregon Coast ESU Coho, assumed habitat T	Unknown	Present, unspecified	Coho Assumed	Unknown	Jul 1 to Sep 15	Y
Trib. to Little Lick Creek (BSI-8)	17100302008039 Private	77.93	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical intermittent tributary if flowing at time of construction. The tributary within the TEWA would be matted and silt fenced installed as necessary to minimize disturbance and the potential for sedimentation.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y*
Trib. to Little Lick Creek (BSI-10)	17100302008047 Private	78.02	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical small 2' wide intermittent tributary if flowing at time of construction. The tributary within the TEWA would be matted and silt fenced installed as necessary to minimize disturbance and the potential for sedimentation.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y*
North Myrtle Creek (NSP-37)	17100302000541 Private	79.12	Perennial Intermediate	Dry Open-Cut (Streambed-bedrock) ¹² Level 2 ¹¹	Dry open-cut methods feasible/practical during low flow periods within ODFW in-water work window. (USGS Gage Station 14311000 records mean monthly flow as 5.8, 3.5 & 5.1 cfs respectively for Jul, Aug & Sep). ROW necked down to 75' to minimize riparian impacts.	• Oregon Coast ESU Coho, spawning, rearing habitat T, CH	Coho, Winter Steelhead,	Cutthroat Trout	Coho	Coho Spawning, Rearing	Jul 1 to Sep 15	Y
Trib. to North Myrtle Creek (NSP-38)	17100302008397 Private	79.15	Perennial Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small 8.0' wide trib. if flowing at time of construction.	• Oregon Coast ESU Coho, assumed habitat T	Assumed	Assumed	Coho Assumed	Unknown	Jul 1 to Sep 15	Y

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. to N. Myrtle Creek (EE-SS-9038)	17100302045565 Private	79.17	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small interpreted non-fish-bearing tributary if present and flowing at time of construction.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y*
Trib. to N. Myrtle Creek (EE-SS-9039)	17100302045117 Private	79.19	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small interpreted non-fish-bearing tributary if present and flowing at time of construction.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y*
South Myrtle Creek (BSP-172)	7100302000521 Private	81.19	Perennial Intermediate	Dry Open-Cut (Streambed-bedrock) ¹² Level 2 ¹¹	Dry open-cut methods feasible/practical during low flow periods within ODFW in-water work window. (USGS Gage Station 14310700 records mean monthly flow as 5.6, 3.2 & 5.0 cfs, respectively for Jul, Aug & Sep). ROW necked down to 75' and TEWAs placed in existing cleared areas where feasible to minimize riparian impacts. Conventional bore not feasible/practical because of grading/excavation requirements on north side of stream.	• Oregon Coast ESU Coho, spawning, rearing, migration habitat T, CH	Coho, Winter Steelhead,	Cutthroat Trout	Coho	Coho Spawning, Rearing,	Jul 1 to Sep 15	Y-1i
Trib. to S. Myrtle Creek (BSP-259)	17100302008796 Private	81.38	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 2.0' wide trib. if flowing at time of construction.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y
Trib. to S. Myrtle Creek (SS-100-023)	17100302008772 Private	81.45	Intermittent N/A	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent tributary expected to be dry during construction and will be restored to approximate original contour and grade during restoration.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	N
Trib. to S. Myrtle Creek (EE-SS-9074)	17100302008917 Private	81.93	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small interpreted non-fish-bearing tributary if present and flowing at time of construction.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*

Klamath Mountains Ecoregion, South Umpqua (HUC 17100302) Sub-basin, Days Creek-South Umpqua River (HUC 1710030205) Fifth field Watershed⁸, Douglas County, Oregon

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Wood Creek (BSP-226)	17100302001104 Private	84.17	Perennial Minor	Dry Open-Cut (Streambed-bedrock) ¹² Level 1 ¹¹	Dry open-cut methods feasible/practical on small 8' wide stream. Steep topographic conditions on either side of waterbody prevent conventional bore. Dam and pump crossing method most logical dry open-cut method based on topographic conditions to eliminate difficulties of threading pipe string under flume with associated safety risks including upsetting flume during process. StreamNet data indicates anadromy below crossing (~ 1 mile).	None	None	Assumed	None	None	Jul 1 to Sep 15	Y
Trib. to Wood Creek (EE-SS-9040)	17100302009813 Private	85.38	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on an interpreted non-fish-bearing intermittent tributary if present and flowing at time of construction. The crossing occurs along a sidehill alignment.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Trib. to Wood Creek (EE-SS-9041)	17100302009881 Private	85.69	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on an interpreted non-fish-bearing intermittent tributary if flowing at time of construction.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y*
Trib. to Wood Creek (EE-SS-9042)	17100302001103 Private	85.71	Perennial Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on an interpreted non-fish-bearing intermittent tributary if flowing at time of construction.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Trib. to Wood Creek (EE-SS-9043)	17100302036325 Private	85.88	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on an interpreted non-fish-bearing intermittent tributary if present and flowing at time of construction.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Trib. to Wood Creek (EE-SS-9044)	17100302036276 Private	86.07	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on an interpreted non-fish-bearing intermittent tributary if present and flowing at time of construction.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. to Wood Creek (EE-SS-9045)	17100302036276 Private	86.10	Intermittent N/A	Adjacent to centerline within ROW	Dry open-cut methods feasible/practical on an interpreted non-fish-bearing intermittent tributary if present and flowing at time of construction.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Trib. to Fate Creek (BSI-236)	17100302036007 Private	88.20	Intermittent Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small intermittent road ditched tributary if flowing at time of construction. Appropriate BMPs would be installed to minimize disturbance/ sedimentation if flowing at the time of construction. Crossing is also co-located with Fate Creek Rd.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Trib. to Fate Creek (BSI-238 (MOD))	17100302036007 Private	88.23	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on a small non-fish-bearing intermittent tributary if present and flowing at time of construction. Crossing is also co-located with Fate Creek Rd.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window, 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Fate Creek (BSP-232)	17100302001124 Private	88.48	Perennial Intermediate	Dry Open-Cut (Streambed-bedrock) ¹² Level 1 ¹¹	<p>Dry open-cut methods feasible/practical on 12' wide stream. Stream flow expected to be insignificant during low flow periods within ODFW in-water work period. TEWAs placed in existing cleared areas and alignment selected to minimize riparian impacts. ODFW fish passage barrier data indicates that immediately downstream of crossing (RecordID 2602): "Gabion below forms pool and creates a probable impassable juvenile barrier. Adults may pass at higher flows. Additional STEP work above culvert"</p> <p>A conventional bore is probable based on topography and geometry but geotechnical investigations have not been completed to confirm. A bridge is required at the crossing which would require bank grading for access. Significant costs, time requirements and the need for a bridge were the determinants for the proposed dry open-cut crossing method. Significant cultural resource sites occur in the area and a dry open-cut crossing will minimize excavation/grading disturbance compared to conventional bore.</p>	<ul style="list-style-type: none"> Oregon Coast ESU Coho, spawning, rearing habitat T, CH 	Coho, Winter Steelhead	Cutthroat Trout	Coho	Coho Spawning, Rearing	Jul 1 to Sep 15	Y

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Days Creek (BSP-233)	17100302000511 Private	88.60	Perennial Intermediate	Dry Open-Cut (Streambed-bedrock) ¹² Level 1 ¹¹	<p>Dry open-cut methods feasible/practical on stream during low flow periods within ODFW in-water work window. (USGS Gage Station 14308700 records mean monthly flow as 2.2, 1.0 & 1.5 cfs, respectively for Jul, Aug & Sep). The ROW has been necked down to 75' and TEWAs located in previously disturbed areas to minimize riparian impacts.</p> <p>A conventional bore is probable based on topography and geometry but geotechnical investigations have not been completed to confirm. A bridge is required at the crossing which would require bank grading for access. Significant costs, time requirements and the need for a bridge were the determinants for the proposed dry open-cut crossing method. Significant cultural resource sites occur in the area and a dry open-cut crossing will minimize excavation/grading disturbance compared to conventional bore.</p>	<ul style="list-style-type: none"> Oregon Coast ESU Coho, spawning, rearing habitat T, CH 	Coho, Winter Steelhead,	Cutthroat Trout	Coho	Coho Spawning, Rearing	Jul 1 to Sep 15	Y-1i
Cascades Ecoregion, South Umpqua (HUC 17100302) Sub-basin, Days Creek-South Umpqua River (HUC 1710030205) Fifth field Watershed ^{8,9}, Douglas County, Oregon												
Saint John Creek (ASP-303)	17100302011280 Private	92.62	Perennial Intermediate	Dry Open-Cut Level 1	<p>Dry open-cut methods feasible/practical during low flow periods within ODFW in-water work window. Steep topographic conditions on either side of creek prevent conventional bore. Dam and pump crossing method most logical dry open-cut method based on topographic conditions to eliminate issues/risk of threading pipe string under flume within the incised valley.</p>	<ul style="list-style-type: none"> Oregon Coast ESU Coho, spawning, rearing habitat T, CH 	Coho, Winter Steelhead,	Cutthroat Trout	Coho	Coho Spawning, Rearing	Jul 1 to Sep 15	Y-1i

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
H3-01	Private	94.60	Pond	Not Crossed Pond adjacent to Milo Yard	N/A – pond avoided by potential yard footprint.	None	Unknown	Unknown	None	None	None	N –to be avoided
H3-02	Private	94.60	Pond	Not Crossed Pond adjacent to Milo Yard	N/A – pond avoided by potential yard footprint.	None	Unknown	Unknown	None	None	None	N –to be avoided
H3-03	Private	94.60	Pond	Not Crossed Pond in Milo Yard	N/A – pond within yard, but would be avoided by potential yard activities.	None	Unknown	Unknown	None	None	None	N–to be avoided

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
South Umpqua River (ASP-196)	17100302011516 Private	94.73	Perennial Major	Diverted Open-Cut Level 2 ¹¹	<p>Diverted open-cut methods feasible/practical during low flow periods within ODFW in-water work window. (USGS Gage Station 143308600 records mean monthly flow as 168, 91 & 110 cfs, respectively for Jul, Aug & Sep). ROW and TEWAs locations primarily affect shrub vegetation. Temporary bridge required at crossing because the existing bridge at Milo is not expected to handle project weight limits. Heavy equipment access from the south is restricted by topographic constraints therefore temporary bridge at crossing is critical to facilitate construction (i.e., movement of materials and equipment along ROW).</p> <p>Because of geometry and topographic conditions, the only feasible HDD alignment required the alignment to pass immediately adjacent to the north side of the Milo Academy. From the exit point on the east side of the academy the route then needed to circle back to the west passing immediately adjacent to the south side of the academy. The HDD alignment ultimately required the academy to be encircled by the pipeline on three sides. This alignment would extensively encumber the academy and was determined to be impractical.</p> <p>A conventional bore is feasible based on topography and geometry but geotechnical investigations have not been completed to confirm. If subsoils are similar as surface conditions (cobbles), a bore would be infeasible. Because a bridge is required at the crossing which would require bank grading for access the diverted open-cut crossing method was selected as most appropriate crossing method based on feasibility/practicality and the method with the least risk.</p>	<ul style="list-style-type: none"> Oregon Coast ESU Coho, spawning, rearing, migration habitat T, CH 	Spring Chinook, Fall Chinook, Coho, Winter Steelhead, Pacific Lamprey	Cutthroat Trout	Chinook, Coho	Spring Chinook Migration Fall Chinook Spawning, Rearing, Migration Coho Rearing, Migration	Jul 1 to Aug 31	Y-1i with mid-stream support

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Trib. to South Umpqua River (ASI-193)	17100302011517 Private	94.85	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent tributary if flowing at the time of construction.	• Oregon Coast ESU Coho, assumed habitat T	Unknown	Unknown	Coho Assumed	Unknown	Jul 1 to Sep 15	Y*
Trib. to South Umpqua River (ASI-193)	17100302011517 Private	95.03	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent tributary if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Trib. to South Umpqua (ASI-190)	17100302038007 BLM-Roseburg District	98.46	Intermittent Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small 2-4' wide intermittent tributary (ditch) if flowing at the time of construction	None	Unknown	Unknown	None	None	Jul 1 to Sep 15	Y*
Cascades Ecoregion, South Umpqua (HUC 17100302) Sub-basin, Upper Cow Creek (HUC 1710030206) Fifth field Watershed⁸, Douglas County, Oregon												
Ditch (Beaver Creek) (CDX-50)	Forest Service – Umpqua NF	105.41	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-4' wide intermittent roadside ditch within right-of-way if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Ditch (CDX-49)	Forest Service – Umpqua NF	106.77	Intermittent Intermediate	Adjacent to centerline within ROW	N/A - small 1-4' wide intermittent roadside ditch within right-of-way if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Roadside Ditch (CDX-47)	Forest Service – Umpqua NF	108.08	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-3' wide intermittent roadside ditch within right-of-way if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Roadside Ditch (CDX-48)	Forest Service – Umpqua NF	108.40	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-3' wide intermittent roadside ditch within right-of-way if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Trib. to East Fork Cow Creek (GDX-15)	17100302034497 Forest Service – Umpqua NF	109.13	Intermittent Intermediate	Adjacent to centerline within TEWA	Dry open-cut methods feasible/practical on small headwater wetland/tributary-if flowing at the time of construction.	None	None	None	None	None	Jul 1 to Sep 15	Y*
Trib. to East Fork Cow Creek (GSI-16/FS-HF-F)	17100302013838 Forest Service – Umpqua NF	109.33	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3' wide headwater intermittent tributary if flowing at the time of construction.	None	None	None	None	None	Jul 1 to Sep 15	Y*

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East Fork Cow Creek (GSP-19/FS-HF-G)	17100302013839 Forest Service – Umpqua NF	109.47	Perennial Intermediate	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small headwater stream during low flow periods within ODFW in-water work period. No additional work areas proposed.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y
East Fork Cow Creek (GSP-22/FS-HF-G ASP297)	17100302013839 Forest Service – Umpqua NF	109.69	Perennial Intermediate	Adjacent to centerline within TEWA	Not crossed by centerline. Waterbody flows through culvert on road which is encompassed by TEWA 109.68-N. This TEWA was selected for parking/staging as well as for potential mitigation to remove the culvert if the road is not required.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	N
Trib. to East Fork Cow Creek (FS-HF-J/AW298)	17100302013839 Forest Service – Umpqua NF	109.69	Perennial Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' headwater tributary. ROW necked down to 75' and TEWAs only utilized on north side of creek to minimize riparian impacts. Steep topographic conditions prevent a conventional bore because of extensive grading/excavation requirements.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y
Trib. to East Fork Cow Creek (FS-HF-K/AW-299)	17100302012765 Forest Service – Umpqua NF	109.78	Perennial Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 2-4' headwater tributary. ROW necked down to 75' and no TEWAs utilized to minimize riparian impacts.	None	Unknown	Assumed	None	None	Jul 1 to Sep 15	Y
Cascades Ecoregion, Upper Rogue (HUC 17100307) Sub-basin, Trail Creek (HUC 1710030706) Fifth field Watershed⁸, Jackson County, Oregon												
Pond Trib. to W. Fork Trail Creek (EW-69)	Forest Service – Umpqua NF	110.57	Intermittent Pond	Within Pevine Quarry TEWA 110.73	Small ponded area within Peavine Quarry and TEWA; drainage expected to be dry during construction.	None	None	None	None	None	N/A	N
Trib. to W. Fork Trail Creek (ESI-68) (EW-68)	17100307018629 Forest Service – Umpqua NF	110.57	Intermittent Minor	Within Pevine Quarry Adjacent to centerline within TEWA 110.73	Small 1-2' wide ephemeral drainage located Peavine Quarry within TEWA; drainage to be avoided by construction; drainage expected to be dry during construction.	None	Unknown	Unknown	None	None	N/A	N – to be avoided
Cascades Ecoregion, South Umpqua Sub-basin (HUC 17100302), Upper Cow Creek (HUC 1710030206) Fifth field Watershed⁸, Jackson County, Oregon												

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Trib. to W. Fork Trail Creek (FS-HF-N /ESI-68)	17100302034587 Forest Service – Umpqua NF	110.96	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small 2-4' headwater tributary. Right-of-way necked down to 75' and no TEWAs utilized to minimize riparian impacts.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Klamath Mountains Ecoregion, Upper Rogue (HUC 17100307) Sub-basin, Trail Creek (HUC 1710030706) Fifth field Watershed ⁸, Jackson County, Oregon												
Trib to West Fork Trail Creek (SS-100-032)	17100307015563 Private	118.80	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent headwater tributary if flowing at the time of construction.	None	None	None	None	None	Jul 1 to Sep 15	Y*
West Fork Trail Creek (ASP-202)	17100307000492 Private	118.89	Perennial Intermediate	Dry Open-Cut (Streambed-bedrock) ¹² Level 2 ¹¹	Dry open-cut methods practical/feasible during low flow periods during ODFW in-water work window. ROW necked down to 75' and TEWAs located in previously disturbed areas to minimize riparian impacts.	• SONCC Coho, spawning, rearing habitat T, CH	Coho, Summer Steelhead, Winter Steelhead	Trout, unspecified	Coho	Coho Spawning, Rearing	Jun 15 to Sep 15	Y
Trib. to Trail Creek (S1-06 (DA-16 (MOD)))	17100307002143 Private	119.84	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent headwater tributary if flowing at the time of construction (Denied Access).	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Canyon Creek (NSP-11)	17100307000501 BLM-Medford District	120.45	Perennial Minor	Dry Open-Cut (Streambed-bedrock) ¹² Level 1	Dry open-cut methods feasible/practical on small 7' wide tributary during low flow periods within ODFW in-water work window. Only UCSAs utilized at crossing to minimize impacts to riparian areas.	• SONCC Coho, spawning, rearing habitat T, CH	Coho, Summer Steelhead	Trout, unspecified	Coho	Coho Spawning, Rearing	Jun 15 to Sep 15	Y
Trib. to Trail Creek (ASI-205)	17100307009101 Private	120.90	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 6' wide intermittent headwater tributary if flowing at the time of construction. No additional workspace required.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Trail Creek (ASI-206)	17100307002356 Private	121.57	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on 12' wide intermittent tributary if flowing at the time of construction. No additional workspace required.	• SONCC Coho, spawning, rearing habitat T, CH	Coho	Unknown	Coho	Coho Spawning, Rearing	Jun 15 to Sep 15	Y*
Klamath Mountains Ecoregion, Upper Rogue (HUC 17100307) Sub-basin, Shady Cove-Rogue River (HUC 1710030707) Fifth field Watershed ⁸, Jackson County, Oregon												

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Trib. to Cricket Creek (ESI-71)	Private	121.87	Intermittent N/A	Adjacent to centerline within ROW	Small 1' wide ephemeral stream expected to be dry during construction when the Rogue River HDD pullback would cross this tributary. Rollers would be used to span tributary with HDD pullback string.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Cricket Creek (ESI-73)	Private	121.91	Intermittent N/A	Adjacent to centerline within ROW	Within TEWA associated with HDD pull back.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Cricket Creek (ESI-72)	17100307002397 Private	121.96	Intermittent N/A	Adjacent to centerline within ROW	Small 2' wide ephemeral stream expected to be dry during construction when the Rogue River HDD pullback would occur, however this drainage would be avoided by construction activities.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Cricket Creek (ESI-74)	17100307019333 Private	122.04	Intermittent N/A	Adjacent to centerline within ROW	Small 2' wide ephemeral stream expected to be dry during construction when the Rogue River HDD pullback would occur, however this drainage would be avoided by construction activities.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Cricket Creek (ESI-70)	17100307002397 Private	122.07	Intermittent N/A	Adjacent to centerline within ROW	Small 2' wide ephemeral stream expected to be dry during construction when the Rogue River HDD pullback would occur.	None	Unknown	Unknown			Jun 15 to Sep 15	Y*

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Rogue River (ASP-235)	17100307000156 Private	122.65	Perennial Major	HDD Level 2 ¹¹	HDD feasible based on geometry, topography and geotechnical conditions along proposed alignment. Primary HDD activities are significantly set back from crossing and would not be visible from the highway or the river Conventional bore not feasible/practical because highway and topographic constraints on the west side of the crossing Dry open-cut or diverted open-cut methods not practical/feasible based on flow and channel characteristics (USGS Gage Station 14339000 records mean monthly flow as 2,170, 2,160 and 1,710 respectively for Jul, Aug & Sep).	• SONCC Coho, rearing, migration habitat T, CH	Spring Chinook, Fall Chinook, Coho, Summer Steelhead, Winter Steelhead, Pacific Lamprey	Trout, unspecified	Chinook, Coho	Spring, Fall Chinook and Coho Rearing Migration	Jun 15 to Aug 31	N
Trib. to Indian Creek (ASI-223)	17100307014756 Private	125.91	Intermittent Major	Dry Open-Cut	Dry open-cut methods feasible/practical on small <5' wide intermittent headwater tributary if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Indian Creek (ASI-222)	17100307016576 Private	125.98	Intermittent Major	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1' wide intermittent headwater tributary if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Indian Creek (RS-4)	17100307008662 BLM-Medford District	126.53	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1' wide intermittent headwater tributary if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Indian Creek (ASI-221)	17100307008662 BLM-Medford District	126.56	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 5' wide intermittent headwater tributary if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*

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Ditch (ADX-287)	17100307015921 Private	127.21	Intermittent N/A	Adjacent to ROW & TEWA	NA – avoided.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	N - avoided
Ditch (ADX-285)	17100307015921 Private	127.33	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent stream if flowing during construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Deer Creek (ASP-307)	17100307006079 Private	128.49	Perennial Intermediate	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical during low flow periods within ODFW in-water work window. No additional workspace required. Coho spawn 950 feet below crossing.	None	Unknown	Present, unspecified	None	None	Jun 15 to Sep 15	Y
Indian Creek (AW-278)	17100307003031 Private	128.61	Perennial Minor	Dry Open-Cut Level 1 ¹¹	Dry open-cut methods feasible/practical small < 10' wide stream low flow periods within ODFW in-water work window. Stream located in heavily grazed irrigated pasture and riparian vegetation consists of emergent pasture species. Coho spawn 600 feet below crossing.	• SONCC Coho assumed habitat T	Assumed	Present, unspecified	Coho Assumed	Unknown	Jun 15 to Sep 15	Y
Trib. To Indian Creek (ASP-310)	17100307017016 Private	128.68	Perennial Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical small 5' wide ditch tributary located in heavily grazed irrigated pasture. Coho spawn 600 feet below crossing.	None	Unknown	Present, unspecified	None	None	Jun 15 to Sep 15	Y
Trib. To Indian Creek (ASI-400)	BLM-Medford District	129.13	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3-4' wide intermittent headwater trib. if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. To Indian Creek (ASI306)	BLM-Medford District	129.21	Intermittent N/A	Adjacent to centerline within ROW	Not crossed by centerline. Small headwater tributary expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	N

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Trib. to Indian Creek (ASI-277)	71003070174 44Private	129.46	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3-4' wide intermittent headwater trib. if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Klamath Mountains Ecoregion, Upper Rogue (HUC 17100307) Sub-basin, Big Butte Creek (HUC 1710030704) Fifth field Watershed⁸, Jackson County, Oregon												
Trib. to Neil Creek (AW-245)	17100307011767 Private	130.81	Intermittent N/A	Adjacent to centerline within ROW	Not crossed by centerline. Small tributary expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Neil Creek (SS-201-014a (AW-244))	17100307010117 Private	130.81	Intermittent Minor	Adjacent to centerline within ROW	Not crossed by centerline. Small tributary expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Neil Creek (SS-201-14b (AW-244))	17100307010117 Private	130.83	Intermittent Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small < 10' wide intermittent headwater trib. if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Neil Creek (ASI246)	17100307010117 Private	130.86	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 2' wide intermittent headwater trib. if flowing at the time of construction.	None	None	None	None	None	Jun 15 to Sep 15	Y*
Trib. to Neil Creek (ASI-251)	17100307018233 BLM-Medford District	131.37	Intermittent N/A	Adjacent to within TEWA	Small tributary expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	N - avoided
Irrigation Ditch (Trib. to Neil Creek) (S2-02/(ADX-253))	Private	132.03	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-2' wide intermittent non-fish-bearing ditch if flowing at the time of construction.	None	Unknown	Unknown	None	None	N/A	Y*
Neil Creek (ASP-252)	17100307006088 Private	132.12	Perennial Minor	Dry Open-Cut (Streambed-bedrock) ¹² Level 1	Dry open-cut methods feasible/practical during low flow within ODFW in-water work window. ROW narrowed to 75 feet and TEWAs placed in pasture to minimize riparian impacts.	• SONCC Coho, spawning, rearing habitat T, CH	Coho, Summer Steelhead	Trout, unspecified	Coho	Coho Spawning, Rearing	Jun 15 to Sep 15	Y

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Ditch (EDX-75)	Private	132.26	Intermittent Minor	Dry Open-Cut (Streambed – bedrock) ⁶	Dry open-cut methods feasible/practical on small 1-2' wide intermittent non-fish-bearing ditch if flowing at the time of construction.	None	Unknown	Unknown	None	None	N/A	Y*
Quartz Creek (ASI-265)	17100307000857 Private	132.75	Intermittent Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small 2' wide intermittent stream if flowing at the time of construction.	• SONCC Coho, spawning, rearing habitat T, CH	Coho, Summer Steelhead	Trout, unspecified	Coho	Coho Spawning, Rearing	Jun 15 to Sep 15	Y*
Trib. to Quartz Creek (AW-264)	17100307000857 Private	132.77	Intermittent Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small intermittent stream/wetland, if flowing at the time of construction. ROW necked down to 75' and TEWAs set back to minimize riparian impacts.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Quartz Creek (ASP-241)	BLM-Medford District	133.35	Perennial Intermediate	Dry Open-Cut	Tributary, which originates from seepage from the Medford Aqueduct, will likely be crossed with the bore of the Medford Aqueduct.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Medford Aqueduct - Ditch ³ (ASP-240)	17100307006008 BLM-Medford District	133.38	Perennial Intermediate	Conventional Bore	Proposed conventional bore feasible/practical based on flow volume, channel geometry and potential risk in disturbing man-made aqueduct. Dry open cut feasible	None	None	None	None	None	N/A	Y
Klamath Mountains Ecoregion, Upper Rogue (HUC 17100307) Sub-basin, Little Butte Creek (HUC 1710030708) Fifth field Watershed⁸, Jackson County, Oregon												
Whiskey Creek (ASI-207)	17100307000892 Private	137.48	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small 10' wide intermittent headwater stream if flowing at the time of construction. ROW necked down to 75' and TEWAs set back to minimize riparian impacts.	None	None	None	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (ASI-208)	17100307012488 Private	138.26	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small 10' wide intermittent headwater stream if flowing at the time of construction.	None	None	Present, unspecified	None	None	Jun 15 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. to Lick Creek (SS-GM-9)	17100307020234 Private	138.36	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-2' wide intermittent non-fish-bearing ditch if flowing at the time of construction.	None	None	None	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (SS-GM-10)	17100307003986 Private	138.44	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-2' wide intermittent non-fish-bearing ditch if flowing at the time of construction.	None	None	None	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (ASI-210)	17100307003986 Private	138.50	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small <10' wide intermittent headwater stream if flowing at the time of construction.	None	None	None	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (SS-GM-11)	17100307000884 Private	138.55	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-2' wide intermittent non-fish-bearing ditch if flowing at the time of construction.	None	None	None	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (SS-GM-12)	Private	138.57	Intermittent N/A	Adjacent to centerline within ROW	Not crossed by centerline. Small headwater tributary expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	None	None	None	None	Jun 15 to Sep 15	N
Trib. to Lick Creek (ASI-211)	17100307008460 Private	138.71	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 7' wide intermittent headwater stream if flowing at the time of construction. No additional workspace required.	None	None	None	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (SS-GM-13)	Private	138.74	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small incised intermittent non-fish-bearing ditch if flowing at the time of construction.	None	None	None	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (SS-GM-14)	17100307008463 Private	139.07	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent non-fish-bearing ditch if flowing at the time of construction.	None	None	None	None	None	Jun 15 to Sep 15	Y*

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Trib. to Lick Creek (ASI-216)	17100307015395 Private	139.19	Intermittent N/A	Adjacent to centerline within ROW	Not crossed by centerline. Small headwater tributary expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	None	None	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (SS-GM-15)	Private	139.21	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent non-fish-bearing ditch if flowing at the time of construction.	None	None	None	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (SS-GM-16)	Private	139.28	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent non-fish-bearing ditch if flowing at the time of construction.	None	None	None	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (ASI-217)	Private	139.42	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent headwater stream if flowing at the time of construction. No additional workspace required.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (ASI-226)	17100307019116 Private	139.59	Intermittent Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small 7' wide intermittent headwater stream if flowing at the time of construction. ROW necked down to 75 feet and TEWAs located in existing disturbed pasture to minimize riparian impacts.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (ASI-227)	Private	139.63	Intermittent Intermediate	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small 1-2' wide intermittent headwater stream if flowing at the time of construction. ROW necked down to 75 feet and no TEWAs utilized to minimize riparian impacts.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (ASI-228)	Private	139.68	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-2' wide intermittent headwater drainage if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. to Lick Creek SS-GM-43 (AW-230))	Private	139.75	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent headwater drainage if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Lick Creek (SS-GM-19)	Private	139.91	Intermittent N/A	Adjacent to centerline within ROW	Not crossed by centerline. Small headwater tributary expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	None	None	None	None	Jun 15 to Sep 15	Y*
Lick Creek (ASI-233)	17100307000130 BLM-Medford District	140.27	Intermittent Intermediate	Dry Open-Cut Level 1	Dry open-cut methods feasible/practical on intermittent drainage if flowing at the time of construction. Dam and pump crossing method most logical dry open-cut method based on topographic conditions to eliminate difficulties of threading pipe string under flume with associated safety risks including upsetting flume during process. ROW necked down to 75' and TEWAs set back to minimize riparian impacts. StreamNet data indicates anadromy below crossing (~ 2 miles)	None	None	Trout, unspecified	None	Unknown	Jun 15 to Sep 15	Y*
Ditch Trib. to Lick Creek (ADX-234)	17100307001378 BLM-Medford District	140.32	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-2' wide intermittent road ditch if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	
Trib. to Lick Creek (ASI-189)	17100307009921 Private	140.58	Intermittent Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small 3' wide intermittent headwater trib. if flowing at the time of construction. No additional workspace required.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Ditch Trib. to Lick Creek (ADX-186)	17100307001383 BLM-Medford District	140.94	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-2' wide intermittent ditch if flowing at the time of construction.	None	Unknown	Unknown	None	None	N/A	Y*

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Star Lake Reservoir (Edge-1)	17100307005853 Private	141.01	Perennial N/A	Adjacent to TEWA 140.98 Water Source	N/A – water source.	None	Unknown	Unknown	None	None	N/A	N
Trib. to Salt Creek (ASI-187)	17100307014303 BLM-Medford District	141.18	Intermittent Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small 3' wide intermittent headwater trib. if flowing at the time of construction. No additional workspace required.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Salt Creek (ASI-188)	17100307004291 BLM-Medford District	141.48	Intermittent IMinor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small intermittent headwater trib. if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Salt Creek (RS-17)	17100307004291 BLM-Medford District	141.49	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent headwater trib., if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Salt Creek (ESI-30)	17100307014306 Private	141.95	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 6' wide intermittent headwater trib. if flowing at the time of construction. No additional workspace required.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Ditch (EDX-32)	Private	142.28	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-2' wide intermittent ditch if flowing at the time of construction.	None	Unknown	Unknown	None	None	N/A	Y*
Trib. to Salt Creek (ESI-31)	17100307018645 Private	142.32 142.35	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent headwater trib. if flowing at the time of construction. Altered trib. part of pasture irrigation system.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*

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Salt Creek (ESP-34)	17100307000121 Private	142.57	Perennial Intermediate	Dry Open-Cut Level 1	Dry open-cut methods feasible/practical on creek during low flow period within ODFW in-water work window. ROW necked down to 75' and TEWAs located in existing disturbed pasture to minimize riparian impacts. Bore not practical because both bore pits would be located in wetland likely requiring significant dewatering efforts to access bore pits.	• SONCC Coho, spawning, rearing habitat T, CH	Coho, Summer Steelhead	Trout, unspecified	Coho	Coho Spawning, Rearing	Jun 15 to Sep 15	Y
Ditch (EDX-36)	Private	142.65	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-2' wide intermittent ditch if flowing at the time of construction.	None	Unknown	Unknown	None	None	N/A	Y*
Trib. to Salt Creek (ESI-37)	17100307014301 Private	143.12	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent headwater trib. if flowing at the time of construction.	None	None	Trout, unspecified	None	None	Jun 15 to Sep 15	Y*
Trib. to Long Branch Creek (ESI-38)	17100307009770 Private	143.51	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 2' wide intermittent headwater trib. if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Trib. to Long Branch Creek (ESI-39)	17100307011758 Private	143.74	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3' wide intermittent headwater trib. if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Stock Pond (EL-41)	Private	143.76	Stock Pond N/A	Adjacent to centerline within ROW	Man-made pond expected to be dry at the time of construction and the pond will be reestablished after construction	None	None	None	None	None	N/A	N
Trib. to Long Branch Creek (ESI-38)	17100307009083 Private	143.76	Intermittent N/A	Adjacent to centerline within ROW	Not crossed by centerline. Intermittent drainage on very edge of TEWA; likely can be avoided during construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	N
Trib. to Long Branch Creek (ESI-40)	17100307009083 Private	143.77	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3' wide intermittent headwater trib. if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*

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Trib. to Long Branch Creek (ESI-38)	17100307000921 Private	144.11	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 2' wide intermittent headwater trib. if flowing at the time of construction.	• SONCC Coho, assumed habitat T	Coho Assumed Summer Steelhead	Assumed	Coho Assumed	Unknown	Jun 15 to Sep 15	Y*
Irrigation Ditch (EDX-42)	17100307006072 Private	144.14	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-2' wide intermittent ditch if flowing at the time of construction.	None	Unknown	Unknown	None	None	N/A	Y*
Trib. to S. Fork Long Branch (GSP-5/ESP-48)	17100307004586 Private	144.70	Perennial Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3' wide intermittent headwater trib. if flowing at the time of construction.	• SONCC Coho assumed habitat T	Assumed	Assumed	Coho Assumed	Unknown	Jun 15 to Sep 15	Y
South Fork Long Branch Cr (GSI-6/ESP-59)	17100307004616 Private	145.27	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3' wide intermittent headwater trib. if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Irrigation Ditch (NDX-107)	17100307001458 Private	145.32	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-2' wide intermittent ditch if flowing at the time of construction.	None	Unknown	Unknown	None	None	N/A	Y*
Irrigation Ditch (NDX-56)	Private	145.37	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-2' wide intermittent ditch if flowing at the time of construction.	None	Unknown	Unknown	None	None	N/A	Y*
Trib. to S. Fork Long Branch (ESI-61)	17100307004636 Private	145.54	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent trib. if flowing at the time of construction.	None	Unknown	Unknown	None	None	Jun 15 to Sep 15	Y*
Irrigation Ditch (EDX-64)	Private	145.57	Intermittent Minor	Dry Open-Cut (Bored)	Dry open-cut methods feasible/practical on small 1-2' wide intermittent ditch road if flowing at the time of construction. This ditch may likely be bored with Highway 140.	None	Unknown	Unknown	None	None	N/A	Y*

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North Fork Little Butte Creek (ESP-66)	17100307000113 Private	145.69	Perennial Intermediate	Dry Open-Cut Level 2 ¹¹	Dry open-cut methods feasible/practical on stream during ODFW in-water work window. USGS Gage Station 1434300 reports that mean monthly flow are 89, 111, 105 and 67 for Jun, Jul, Aug and Sep, respectively. Flows in Jul and Aug are highest yearly flow periods for creek. TEWA set back and located primarily in previously disturbed (pastures) areas to minimize riparian impacts.	• SONCC Coho, spawning, rearing habitat T, CH	Coho, Summer Steelhead, Winter Steelhead	Trout, unspecified	Coho	Coho Spawning, Rearing	Jun 15 to Sep 15	Y-1i with mid-stream support
Trib. to N. Fork Little Butte Creek (ESI-56)	17100307004681 Private	146.05	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib, if flowing at the time of construction. No additional workspace required.	• SONCC Coho possible habitat T	Coho possible	Unknown	Coho possible	Unknown	Jun 15 to Sep 15	Y*
Trib. to N. Fork Little Butte Creek (ESI-55)	17100307004702 Private	146.38	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 2' wide intermittent trib. if flowing at the time of construction.	• SONCC Coho possible habitat T	Coho possible	Unknown	Coho possible	Unknown	Jun 15 to Sep 15	Y*
Irrigation Ditch (EDX-51)	17100307001489 Private	146.80	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small intermittent ditch if flowing at the time of construction.	None	Unknown	Unknown	None	None	N/A	Y*
Cascades Ecoregion, Upper Rogue (HUC 17100307) Sub-basin, Little Butte Creek (HUC 1710030708) Fifth field Watershed^{8,9}, Jackson County, Oregon												
South Fork Little Butte Creek (ASP-165)	17100307000108 Forest Service- Rogue River-Siskiyou NF	162.45	Perennial Intermediate	Dry Open-Cut Level 1	Dry-open cut feasible and practical on creek. ODFW fish passage barrier data (RecordID 51163) indicates that downstream irrigation diversion dam/barrier (~ 0.5 miles): is uncladdered and impassible. USGS Gage Station 14339500 – located below diversion reports monthly mean flow of 14, 12 and 11 cfs, respectively for Jul, Aug & Sep. ROW necked down to 75 feet and TEWAs set back to minimize riparian impacts.	None	None	Trout, unspecified	None	None	Jun 15 to Sep 15	Y-1i with mid-stream support

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Daley Creek (ESI-76)	17100307000107 Forest Service- Rogue River- Siskiyou NF	166.21	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small headwater intermittent trib. if flowing at the time of construction.	None	None	Trout, Unspecified	None	None	Jun 15 to Sep 15	Y*
Eastern Cascades Slopes and Foothills Ecoregion, Upper Klamath River (HUC 18010206) Sub-basin, Spencer Creek (HUC 1801020601) Fifth field Watershed^{8,9}, Klamath County, Oregon												
Spencer Creek (EW-85)	18010206000968 Forest Service-Winema NF	171.07	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small < 10' wide stream with associated wetland. ROW necked down 75 feet and TEWAs set back or located to the edge of existing road disturbance to minimize riparian and wetland impacts. Conventional bore not practical because of topographic conditions and grading/excavation requirements on the south side of creek.	None	None	Redband Trout Possible Brook Trout	None	None	Aug 1 to Sep 30	Y
Trib. to Spencer Creek (GSP-7)	180102060005900 Forest Service-Winema NF	171.57	Perennial Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small < 2' wide intermittent trib/wetland. if flowing at the time of construction.	None	None	Unknown	None	None	Aug 1 to Sep 30	Y*
Trib. to Spencer Creek (ESI-106)	18010206000678 Forest Service-Winema NF	173.74	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small < 5' wide ephemeral trib. if flowing at the time of construction.	None	None	Assumed	None	None	Aug 1 to Sep 30	Y
Trib. to Spencer Creek (ESI-69)	18010206000677 BLM-Lakeview District	176.54	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small < 4' wide intermittent trib. if flowing at the time of construction.	None	None	Redband Trout Possible	None	None	Aug 1 to Sep 30	Y*
Trib. to Spencer Creek (GSI-10)	18010206000677 BLM-Lakeview District	176.56	Intermittent N/A	Adjacent to centerline within ROW	Not crossed by centerline. Small headwater tributary expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	None	Redband Trout Possible	None	None	Aug 1 to Sep 30	Y*
Clover Creek (EW-103)	18010206000330 Private	177.76	Intermittent Minor	Dry Open-Cut Level 1	Dry open-cut methods feasible/practical on small < 10' wide intermittent trib. if flowing at the time of construction. No additional workspace required.	None	None	Redband Trout	None	None	Aug 1 to Sep 30	Y*

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Clover Creek (GSI-11)	18010206000330 Private	177.76	Intermittent Minor	Dry Open-Cut Level 1	Dry open-cut methods feasible/practical on small 1-2' wide intermittent tributary if flowing at the time of construction. No additional workspace required.	None	None	Redband Trout	None	None	Aug 1 to Sep 30	Y*
Eastern Cascades Slopes and Foothills Ecoregion, Upper Klamath River (HUC 18010206) Sub-basin, John C Boyle Reservoir-Klamath River (HUC 1801020602) Fifth field Watershed⁸, Klamath County, Oregon												
Trib. to Klamath River (ESI-97)	18010206002774 Private	186.61	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3' wide intermittent trib. if flowing at the time of construction. Intermittent stream feeds stock pond.	None	None	Unknown	None	None	Jul 1 to Jan 31	Y*
Trib. to Klamath River (ESI-99)	18010206000682 Private	186.65	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Jan 31	Y*
Trib. to Klamath River (ESI-100)	18010206000682 Private	186.74	Intermittent Minor	Dry Open-Cut	Small 2' wide intermittent tributary that runs adjacent to centerline within ROW. Tributary expected to be dry during construction and would be restored to approximate original contour and grade during restoration.	None	None	Unknown	None	None	Jul 1 to Jan 31	Y*
Eastern Cascades Slopes and Foothills Ecoregion, Lost (HUC 18010204) Sub-basin, Lake Ewauna-Upper Klamath River (HUC 1801020412) Fifth field Watershed⁸, Klamath County, Oregon												
Trib. To Klamath River (ASI-13/SS-100-025)	18010204003103 Private	188.90	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	None	None	None	Jul 1 to Jan 31	Y*
Irrigation Ditch (S2-07 (ADX-63 (MOD)))	18010204003315 Private	192.67	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent ditch if flowing at the time of construction.	None	None	Unknown	None	None	N/A	Y*
Ditch (192.81)	180102040033481 Private	192.81	Intermittent N/A	Adjacent to centerline within TEWA	N/A - not within right-of-way.	None	None	None	None	None	N/A	Y*
Ditch (ADX-67)	18010204003314 Private	192.99	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*

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Ditch (ADX-72)	Private	193.07	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Ditch (ADX-72)	Private	193.25	Intermittent N/A	Adjacent to centerline within TEWA	N/A - not within right-of-way.	None	None	None	None	None	N/A	Y*
Ditch (ADX-73)	Private	193.47	Intermittent N/A	Adjacent to centerline within TEWA	N/A - not within right-of-way.	None	None	None	None	None	N/A	Y*
Ditch (ADX-75)	Private	194.51	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Ditch (ADX-77)	Private	194.57	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (NDX-77)	Private	194.57	Intermittent N/A	Adjacent to centerline within TEWA	N/A - not within right-of-way.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (WW-001-010/(ADX-78))	18010204003303 Private	194.64	Intermittent Major	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y
Ditch (ADX-83)	Private	195.12	Intermittent N/A	Adjacent to centerline within ROW	N/A - not within right-of-way.	None	None	None	None	None	N/A	Y*
Ditch (ADX-84)	Private	195.18	Intermittent N/A	Adjacent to centerline within TEWA	N/A – on edge of TEWA/will be avoided.	None	None	None	None	None	N/A	N
Ditch (ADX-86)	Private	195.24	Intermittent N/A	Adjacent to centerline within TEWA	N/A – on Edge of TEWA and will be avoided.	None	None	None	None	None	N/A	N
Irrigation Ditch (NDX-82)	Private	195.28	Intermittent N/A	Adjacent to centerline within TEWA	N/A - not within right-of-way.	None	None	None	None	None	N/A	Y*
Drainage Ditch (ADX-87)	Private	195.32	Intermittent N/A	Adjacent to centerline within TEWA	N/A - not within right-of-way.	None	None	None	None	None	N/A	Y*
Ditch (ADX-19)	Private	195.46	Intermittent N/A	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*

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Ditch (ADX-22)	Private	195.46	Intermittent N/A	Adjacent to centerline within TEWA	N/A – on edge of TEWA and will be avoided.	None	None	None	None	None	N/A	N
Wetland Ditch (ADX-20)	Private	195.47	Intermittent N/A	Adjacent to centerline within ROW	Not crossed by centerline. Small field ditch expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	None	None	None	None	N/A	Y*
Ditch (GDX-4)	Private	195.67	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Ditch (GDX-3)	Private	195.73	Intermittent Intermediated	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Ditch (GDX-2)	Private	195.91	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (ADX-30)	Private	196.53	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Drainage Ditch (ADX-31)	Private	196.53	Intermittent Minor	Adjacent to centerline within ROW & TEWA	Not crossed by centerline. Small field ditch expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	None	None	None	None	N/A	Y*
Irrigation Canal (ADX-32)	18010204000790 Private	196.64	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (ADX-36)	Private	196.76	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 1-2' wide intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (ADX-38)	18010204003183 Private	196.78	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*

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Weyerhaeuser Pond (AL-34)	Private	196.78	Industrial Pond N/A	Adjacent to centerline within ROW	Pond will not be disturbed by construction activities. The pond may be used for water source or discharge.	None	None	None	None	None	N/A	N
Irrigation Ditch (ADX-39)	18010204003183 Private	196.89	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (ADX-40)	Private	197.08	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (DX-GM-1)	Private	197.22	Intermittent Minor	Adjacent to centerline within ROW	Not crossed by centerline. Small field ditch expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	None	None	None	None	NA	N
Irrigation Ditch (DX-GM-3)	Private	197.28	Intermittent Minor	Adjacent to centerline within ROW	Not crossed by centerline. Small field ditch expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	None	None	None	None	NA	N
Klamath River (ASP151)	18010204002564 State	199.38	Perennial Major	HDD Level 1	HDD feasible/practical based on river crossing width (~1000') flow volumes, topography, geotechnical and geometry conditions. Dry open-cut infeasible because of width and flow volume. USGS Gage Station 11507501 records mean monthly discharge of 1,190, 1,060, 1,120 cfs respectively for Jul, Aug, Sep.	<ul style="list-style-type: none"> • Lost River Sucker E, CH • Shortnose Sucker E, CH 	Pacific Lamprey	Redband Trout, Endemic Klamath Fish Species	None	None	N/A Jul 1 to Jan 31	N
Irrigation Canal (ADX-293)	Private	200.41	Intermittent N/A	Adjacent to centerline within ROW	Not crossed by centerline. Irrigation ditch expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration	None	None	None	None	None	N/A	N
Irrigation Canal (No. 1 Drain) (ADX-294)	18010204003246 BOR	200.54	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y

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Irrigation Ditch (ADX-94)	18010204003251 Private	201.49	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (ADX-96) (C-4-E Lateral)	1217823421646 BOR	201.63	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored	Unknown	None	None	None	None	N/A	Y
Roadside Ditch (ADX-99)	Private	203.97	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Canal (C-4 Lateral) (ADX-100)	18010204001225 BOR	204.12	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Irrigation Canal (C-4-F Lateral) (ADX-101)	18010204001222 BOR	204.33	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Ditch (ADX-103)	Private	204.50	Intermittent Intermediate	Adjacent to centerline within TEWA	On edge of TEWA and will be avoided.	None	None	None	None	None	N/A	N
Ditch No. 3 Drain (ADX-105)	18010204003757 BOR	204.74	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Irrigation Canal (ADX-106)	Private	204.91	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Ditch (C-4-C Lateral) (ADX-109)	18010204001218 BOR	205.50	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Eastern Cascades Slopes and Foothills Ecoregion, Lost (HUC 18010204) Sub-basin, Mills Creek-Lost River (HUC 1801020409) Fifth field Watershed⁸, Klamath County, Oregon												
Ditch (ADX-110)	Private	205.94	Intermittent Minor	Bore	Likely bored with BOR C Canal (ADX-111); potentially a dry-open cut crossing if flowing at the time of construction to facilitate bore of C canal.	Unknown	None	None	None	None	N/A	Y*
Canal (C Canal) (ADX-111)	18010204004021 BOR	205.96	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Wetland Ditch (ADX-112)	18010204009070 Private	205.97	Intermittent Intermediate	Bore	To be bored with C Canal.	Unknown	None	None	None	None	N/A	Y

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Irrigation Ditch (D-2 Lateral) (ADX-113)	BOR	206.51	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Roadside Drainage Ditch (5-A Drain) (ADX-115)	18010204004039 BOR	207.26	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Irrigation Lateral (C-4-7 Lateral) (ADX-116)	18010204001229 BOR	207.40	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Irrigation Drain 5-A Drain (ADX-117)	18010204001237 BOR	207.42	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Irrigation Drain (5-A Drain) (ADX-118)	18010204001237 BOR	207.60	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Irrigation Drain (5-A Drain) (ADX-119)	18010204001237 BOR	207.99	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Irrigation Ditch (ADX-120)	Private	208.07	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (ADX-121)	Private	208.07	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Drainage Ditch Irrigation Drain (5-A Drain) (ADX-123)	18010204001237 BOR	208.18	Intermittent Intermediate	Dry Open-Cut	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Ditch (ADX-124)	Private	208.23	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (ADX-125)	Private	208.28	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (ADX-126)	Private	208.29	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*

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Roadside Drainage Ditch (ADX-128)	Private	208.78	Intermittent Intermediate	Bored	Bored with Railroad and Highway 39.	None	None	None	None	None	N/A	N
Roadside Drainage Ditch (ADX-129)	Private	208.85	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Drain 5-K Drain (ADX-130)	18010204001229 BOR	209.02	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Roadside Drainage Ditch (ADX-131)	Private	209.05	Intermittent Intermediate	Bored	Bored with Reclamation's 5-K Drain.	None	None	None	None	None	N/A	Y*
Roadside Drainage Ditch (ADX-133)	Private	209.15	Intermittent Minor	Bore	Bored with Reclamation's C-9 Lateral.	None	None	None	None	None	N/A	Y*
Irrigation C-9 Lateral (ADX-134)	BOR	209.15	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Irrigation Ditch (ADX-135)	Private	209.16	Intermittent Minor	Bore	Bored with Reclamation's C-9 Lateral.	None	None	None	None	None	N/A	Y
Roadside Ditch (ADX-142)	Private	210.16	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (No. 5 Drain) (Trib. to Lost River) (ADX-143/ SS-003-001)	18010204004367 BOR	210.26	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Irrigation Ditch 5-H Drain (Trib. to Lost River) (ADX-260)	18010204015577 BOR	210.85	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	Y
Irrigation Ditch (ADX-261)	Private	210.87	Intermittent Intermediate	Dry Open-Cut	Likely to be bored with Reclamation's 5-H Drain.	None	None	None	None	None	N/A	Y*
Ditch (NDX-29/SS-003-002)	Private	211.32	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*




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Ditch (NDX-92)	Private	211.52	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (SS-003-004 (NDX-93))	Private	211.53 211.68	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Lost River (NSP001)	18010204004545 State	212.07	Perennial Major	Dry Open-Cut Level 1	Dry open-cut methods feasible/practical during low flow periods during ODFW in-water work window. An HDD and conventional bore are likely probable at the approximate crossing location based on the topography, geometry and expected geotechnical conditions. Landowner restricted access for geotechnical investigations. Significant costs, time requirements were the determinants for the proposed dry open-cut method.	<ul style="list-style-type: none"> • Lost River Sucker E • Shortnose Sucker E 	None	Endemic Klamath Fish Species	None	None	Jul 1 to Mar 31	Y-1i with mid-stream support
Irrigation Ditch (ADX-318 EDX-55/EDX-90))	18010204004940 Private	213.23	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent irrigation ditch if flowing at the time of construction.	None	None	None	None	None	N/A	Y*
Irrigation Ditch (ADX 318)	18010204004940 Private	213.45	Intermittent N/A	Adjacent to ROW	On edge of TEWA – should be avoided during construction.	None	None	None	None	None	N/A	N
Irrigation Ditch (ADX-274)	BOR	213.85	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	
G Canal (G Canal) (ADX-275)	18010204001228 BOR	213.87	Intermittent Intermediate	Bore	Bureau of Reclamation facility to be bored.	Unknown	None	None	None	None	N/A	N
Pond (Edge-2)	Private	214.28	Intermittent Pond	Adjacent to centerline within ROW & TEWA	N/A – standing water in feedlot.	None	None	None	None	None	N/A	N

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Unnamed Creek (ASI-51)	18010204004618 Private	216.10	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on small 6-12' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Unnamed Creek (ASI0-2)	18010204004618 Private	216.11	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 3' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Unnamed Creek (ASI-50)	18010204004617 Private	216.30	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y*
Unnamed Creek (ASI-49)	18010204004627 Private	216.44	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 6' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y*
Trib. to D Canal (ASI-136)	18010204001993 Private	218.09	Intermittent Intermediate	Dry Open-Cut	Dry open-cut methods feasible/practical on intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to D Canal (ASI-137)	18010204004701 Private	218.46	Intermittent Minor	Dry Open-Cut (Streambed-bedrock) ¹²	Dry open-cut methods feasible/practical on small 3' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to D Canal (ASI-291)	18010204004701 Private	219.69	Intermittent Minor	Dry Open-Cut Level 1	Dry open-cut methods feasible/practical on small 1' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Excavated Pond (NL-116)	18010204001267 Private	219.70	Excavated Pond N/A	Off ROW – Temp Extra Workspace	Pond will not be disturbed by construction activities. The pond may be used for a water source for dust control.	None	None	None	None	None	N/A	N
Trib. to V Canal (SS-502-012)	Private	220.72	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502-013	18010204004906 Private	221.15	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *

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Trib. to V Canal SS-502-013b	18010204004906 Private	221.15	Intermittent Minor	Adjacent to centerline within ROW	Not crossed by centerline. Small intermittent stream expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502-014	18010204004906 Private	221.30	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502.016	Private	221.72	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 6' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502-003b	Private	222.79	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502-003a	Private	222.80	Intermittent Minor	Adjacent to centerline within ROW	ot crossed by centerline. Small intermittent stream expected to be dry at the time of construction and would be restored to approximate original contour and grade during restoration.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502-004	18010204004894 Private	222.99	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 5' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502.005	Private	223.08	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502-006	Private	223.12	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502.023	Private	223.39	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502-011	Private	223.54	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 7' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
Trib. to V Canal SS-502-009a	Private	224.03	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 5' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502-009	Private	224.04	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502-008	Private	224.17	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502-007	Private	224.21	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 5' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502-021	Private	224.44	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal (SS-502-025 (ASI-140))	18010204001318 Private	225.96	Intermittent Intermediate	Dry Open-Cut Level 1	Dry open-cut methods feasible/practical on intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y*
Trib. to V Canal SS-502-024	18010204004977 Private	225.99	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502-020	Private	227.14	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Trib. to V Canal SS-502-017	Private	227.57	Intermittent Minor	Dry Open-Cut	Dry open-cut methods feasible/practical on small 4' wide intermittent trib. if flowing at the time of construction.	None	None	Unknown	None	None	Jul 1 to Mar 31	Y *
Agricultural Pond (AL-288)	Private	228.13	Excavated pond N/A	Off ROW Within TEWA	Pond will not be disturbed by construction activities. The pond may be used for a water source for dust control.	None	None	None	None	None	N/A	N

Waterbodies Crossed and Waterbody ID	NHD Waterbody Reach Code ¹ and Jurisdiction	Approximate Pipeline Milepost (MP)	Waterbody Type Size ²	Proposed Crossing Method Scour Level ³	Waterbody Crossing Rationale ⁴	ESA Species Present/Habitat ⁵	Anadromous Species Present ⁶	Resident Coldwater Species Present	EFH Species Present ⁷	EFH Component Present ⁷	Fishery Construction Window ⁶	Equipment Bridges Y=Yes, Y* = Yes if flowing at time of construction, 1o = 1 pass required outside fish window 1i = 1 pass required inside fish window, i = set inside fish window, N=None
<p>¹ FERC waterbody definitions: Minor = less than or equal to 10 feet wide Intermediate = greater than 10 feet wide but less than or equal to 100 feet wide Major = greater than 100 feet wide</p> <p>² Level 1 and 2 waterbodies have been identified; all others are Level 0. According to GeoEngineers 2013 Channel Migration and Scour Analysis for the PCGP Project, <u>channel migration</u> is defined as the lateral movement, over time, of an entire channel segment perpendicular to the direction of stream flow; <u>channel avulsion</u> is the sudden abandonment of an active channel for a newly created or previously abandoned channel located on the floodplain; <u>channel widening</u> is defined as erosion and subsequent recession of one or both stream banks that widens the channel without changing the channel location; <u>streambed scour</u> is erosion of the streambed resulting in the development of deep pools and/or the systematic lowering of the channel floor elevation. Level 0 = streams not likely subject to migration, avulsion and/or scour Level 1 = streams with a moderate potential for migration, avulsion and/or scour Level 2 = streams with a high potential for migration, avulsion and/or scour</p> <p>³ Dry open-cut crossing methods include Flume or Dam and Pump procedures. Dam and Pump methods would be utilized where streambed blasting is anticipated to eliminate blasting around the flume. The Dam and Pump crossing method is the preferred crossing procedure in steep incised drainage valleys where worker safety may be compromised when placing ("threading") the pipe string under the flume pipe and where there is a risk of upsetting the flume during this operation. The Dam and Pump crossing method is also the preferred crossing method on small streams under low flow conditions during the ODFW recommended in-water work period. PCGP requests permission for temporary/short-term fish passage restriction when completing Dam and Pump crossings within the ODFW recommended in-water work period.</p> <p>⁴ FWS, NMFS, and StreamNet. T = Threatened, E = Endangered, CH = Critical Habitat</p> <p>⁵ ODFW, 2012 (Oregon Department of Fish and Wildlife. 2012. Fish Distribution Data, 1:24,000 Scale. Oregon Department of Fish and Wildlife Natural Resources Information Management Program. Online: https://nrimp.dfw.state.or.us/nrimp/default.aspx?pn=fishdistdata).</p> <p>⁶ PFMC, 1999; ODFW, 2012.</p> <p>⁷ PCGP understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.</p> <p>⁸ USGS Hydrologic Unit Codes.</p> <p>⁹ Key Watershed.</p> <p>^{10a} ODFW's recommended in-water work window is from October 1 through February 15. Because PCGP's Coos Bay HDD footprint overlaps with the LNG Terminal facilities, the HDD needs to be completed prior to construction of the LNG terminal to prevent construction conflicts and delays; therefore PCGP may complete the HDD outside the ODFW recommended in-water work window.</p> <p>^{10b} ODFW's recommended in-water work window is from October 1 through February 15. Because of the extensive wetland located on the east side of Coos Bay within Kentuck Slough, PCGP plans to schedule the HDD outside the in-water work window to minimize surface impacts within the saturated floodplain wetland.</p> <p>^{10c} ODFW's recommended in-water work window is from October 1 through February 15. Because of the extensive wetland location on the south side of the Coos River, PCGP has scheduled the HDD during the dry season outside the in-water work window between August 1 and September 30 to minimize surface impacts within the saturated floodplain wetland.</p> <p>¹¹ These sites were field reviewed and analyzed for potential migration, avulsion and/or scour (see GeoEngineers 2013 Channel Migration and Scour Analysis).</p> <p>¹² Streambed bedrock based on PCGP's Wetland and Waterbody delineation surveys. Streambed bedrock may require special construction techniques to ensure pipeline design depth. Special construction techniques may include rock hammering, drilling and hammering, or blasting. The need for blasting would be determined by the contractor and would only be initiated after ODFW blasting permits are obtained.</p>												

 	Section 404 Permit Application		 <small>DAVID EVANS AND ASSOCIATES INC.</small>
	Document Number: J1-000-RGL-PMT-DEA-00002-00		
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Tables

Table A.8-1: Access Road Table

**Table A.8-1
Access Roads and Road Crossing Methods**

Milepost	Name	Surface	Ingress/Egress⁵	Crossing Method	Length	Acres Improved	Ave. Width
0.12	Private Rd	Gravel	All	Not Crossed	0.26	0	10
0.12	Trans Pacific Hwy (Cnty Rd 218)	Paved	All-Public	Bore	1.51	0	16
0.12	Southern Pacific Service Rd	Gravel	No Ingress / Egress	Bore	0.34	0	10
0.12	Jordan Cove Rd	Paved	All	Not Crossed	0.91	0	0
0.12	Unknown Rd	Paved	All	Not Crossed	0.06	0	0
0.12	Unknown Rd	Dirt	All	Not Crossed	0.47	0	0
0.12	Unknown Rd	Paved	All	Not Crossed	0.33	0	0
0.36	Southern Pacific Railroad	Rails	RR	Bore	2.99	0	0
1.23	US Hwy 101	Paved	All-Public	Under Bay Bridge	3.50	0	0
1.34	Chapelle Pkwy	Paved	All	Open Cut	0.23	0	0
1.34	Ferry Rd	Paved	All	Not Crossed	0.08	0	0
1.34	Plum Loop	Paved	All	Not Crossed	0.36	0	0
3.02	Kentuck Slough Rd (Kentuck Way Ln)	Paved	All-Public	Bore	0.73	0	10
3.02	E Bay Drive (Cnty Rd 45)	Paved	All	HDD	0.21	0	0
6.34R	Country Club Rd	Paved	Light	Not Crossed	0.12	0	0
6.44R	Country Club Rd	Paved	All	Not Crossed	0.54	0	12
6.44R	Country Club Rd	Paved ⁴	All	Not Crossed	0.14	0.32	12
6.64R - 7.34R	Logging Spur	Gravel	All	In ROW	0.88	0	10
6.68R	Logging Spur	Gravel	All	In ROW	0.05	0	0
7.34R	Logging Rd	Gravel	All	Not Crossed	1.64	0	10
7.34R - 7.44R	Carlson Heights Rd	Paved/Gravel	Light	In ROW	1.24	0	10
7.77R	Logging Spur	Dirt	All	Not Crossed	0.64	0	10
7.77R	Logging Spur	Dirt	No Ingress / Egress	Open Cut	0.64	0	10
7.88R - 8.12R	Logging Spur	Dirt	All	Open Cut	0.35	0	10
8.17R	Logging Spur	Dirt	All	Open Cut	0.18	0	10
8.44R	Willanch Slough	Paved	All-Public	Open Cut	0.38	0	10
8.91R	Logging Spur	Dirt	All	Open Cut	0.26	0	10
8.93R	Logging Spur	Dirt	All	Open Cut	0.61	0	10
9.11R	Logging Spur	Dirt	All	In ROW	0.18	0	10
9.27R - 9.51R	Unknown Rd	Gravel/Dirt ^{1,2,3}	All	In ROW	0.25	0	0
9.40R	Noah Butte Rd	Gravel	All	Not Crossed	0.53	0	10
9.40R	Unknown Rd	Gravel	All	Not Crossed	1.57	0	10

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
9.51R - 9.82R	Unknown Rd	Dirt/Gravel ^{1,2,3}	All	Open Cut	0.35	0	0
9.82R - 10.02R	Unknown Rd	Dirt ^{1,2,3}	All	In ROW	0.21	0	0
10.20R	Unknown Rd	Dirt ^{1,2,3}	All	Open Cut	0.68	0	0
10.54R - 10.61R	Unknown Rd	Gravel/Dirt ^{1,2,3}	No Ingress / Egress	In ROW	0.09	0	0
10.96R	Private Rd	Gravel	All	Not Crossed	0.13	0	0
11.07R	State 241 (Coos River Hwy)	Paved	All-Public	HDD	0.08	0	0
11.18R	Cnty Rd 6 (South Coos River Rd)	Paved	All-Public	HDD	0.66	0	0
11.54BR	Private Rd	Dirt/Gravel ^{1,2,3}	All	Open Cut	0.37	0	0
11.54BR	Private Rd	Dirt/Gravel ^{1,2,3}	All	Open Cut	0.48	0	0
12.41BR	Private Logging/Field Rd.	Dirt/Gravel ^{1,2,3}	All	Open Cut	0.45	0	0
13.15BR 13.66BR	BLM 26-12-4.1	Aggregate	All	In ROW	0.31	0	0
13.15BR- 13.66BR	BLM 26-12-4.1	Aggregate ^{1,2,3}	All	Open Cut	0.66	0	0
13.66BR- 13.83BR	Lillian Crk (BLM 26-12-4.3)	Aggregate	All	In ROW	0.18	0	0
13.83BR	Lillian Crk (BLM 26-12-4.3)	Aggregate ^{1,2,3}	No Ingress / Egress	Not Crossed	0.05	0	0
13.83BR- 14.42BR	BLM 26-12-4.4	Aggregate	All	In ROW	0.50	0	0
13.83BR- 14.42BR	BLM 26-12-4.4	Aggregate	All	IN ROW	0.13	0	0
15.06BR	Private Field Rd	Unknown	All	Open Cut	0.07	0	0
15.10BR	Cnty Rd 54 (Stock Slough Rd)	Bituminous	All-WTC-Public	Open Cut	1.81	0	0
15.10BR	Stock Slough (BLM 26-12-4.0)	Aggregate ^{1,2}	All	Not Crossed	0.04	0	0
15.68BR	Unknown Private Rd	Aggregate	All	Not Crossed	0.29	0	0
15.68BR	Unknown Private Rd	Gravel/dirt ^{1,2,3}	All	Open Cut	0.65	0	0
16.09BR 16.97BR	BLM 26-12-15.2	Aggregate ^{1,2,3}	All	In ROW	1.32	0	0
16.97BR- 18.14BR	Blue Ridge Rd (BLM 26-12-4.2)	Bituminous	All	In ROW	3.16	0	0
18.05BR	Daniels Tie (BLM 26-12-14.0)	Aggregate	All	Not Crossed	0.95	0	0
18.05BR	Daniels Tie (BLM 26-12-14.0)	Aggregate ^{1,2}	All	Not Crossed	0.23	0	0
18.39BR	BLM 26-12-22.1	Aggregate ^{1,2,3}	All	Open Cut	0.10	0	0
19.20BR- 19.61BR	Blue Ridge Rd (BLM 26-12-4.2)	Bituminous	All	In ROW	2.34	0	0

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
19.88BR-20.05BR	BLM Unknown Logging Spur	Aggregate ^{1,2}	All	In ROW	0.16	0	0
20.05BR	Blue Ridge Rd (BLM 26-12-4.2) (Blue Ridge Comm Site)	Gravel	All	Not Crossed - Comm *	2.45	0	16
20.05BR	Blue Ridge System Rd (BLM 26-12-35) (Blue Ridge Comm Site)	Gravel	All	Not Crossed - Comm *	0.12	0	16
20.05BR	Blue Ridge System (BLM 26-12-35.0)	Aggregate ^{1,2}	All	Not Crossed	0.48	0	0
20.42BR	BLM Logging Spur	Aggregate ^{1,2}	All	Open Cut	0.12	0	0
20.42BR	BLM Logging Spur	Aggregate ^{1,2}	All	Open Cut	0.02	0	0
20.42BR	BLM Logging Spur	Aggregate ^{1,2}	All	Open Cut	0.04	0	0
20.64BR	T504 Blue Ridge Trail	Aggregate ^{1,2}	All	Open Cut	0.44	0	0
20.95BR	Blue Ridge System (BLM 26-12-35.4)	Aggregate ^{1,2}	All	Open Cut	0.41	0	0
21.15BR	Blue Ridge System Rd (BLM 26-12-35.5) (Blue Ridge Comm Site)	Gravel	All	Not Crossed - Comm *	0.21	0	16
21.50BR-22.16BR	Blue Ridge System (BLM 26-12-35.1)	Aggregate	All	In ROW	0.39	0	0
21.50BR-22.16BR	Blue Ridge System (BLM 26-12-35.1)	Aggregate	All	In ROW	0.83	0	0
22.12BR	Unknown Rd	Unknown	No Ingress / Egress	Open Cut	0.01	0	0
22.19BR	Pac. West Logging Spur	Dirt/Gravel ^{1,2,3}	All	Open Cut	0.29	0	0
22.46BR	Unknown Rd	Unknown	No Ingress / Egress	Open Cut	0.03	0	0
23.29BR-23.32BR	Unknown Rd	Unknown	All	Open Cut	0.53	0	0
23.32BR	Steinnon Crk Rd (BLM 27-12-15.0)	Aggregate	All	Not Crossed	0.40	0	0
23.42BR-23.53BR	Woodward Crk Spur (BLM 27-12-14.2)	Aggregate ^{1,2}	All	In ROW	0.63	0	0
24.00BR-24.14BR	Woodward Crk Rd (BLM 27-12-14.0)	Aggregate	All	In ROW	0.03	0	0
24.00BR-24.14BR	Woodward Crk Rd (BLM 27-12-14.0)	Aggregate ^{1,2}	All	In ROW	0.34	0	0
24.00BR-24.14BR	Woodward Crk Rd (BLM 27-12-14.0)	Aggregate	No Ingress / Egress	In ROW	0.01	0	0
24.37BR	Cnty Rd 59 (Fairview-Sumner Ln / Coos Bay Wagon Rd)	Aggregate	All-WTC-Public	Open Cut	0.33	0	0
24.37BR	Cnty Rd 59 (Fairview-Sumner Ln / Coos Bay Wagon Rd)	Bituminous	All-WTC-Public	Open Cut	4.34	0	0
24.37BR	Private Logging Rd	Gravel ^{1,2}	All	Not Crossed	0.16	0	0
24.50BR	BLM 27-12-14.1	Natural ^{1,2,3}	All	Open Cut	0.41	0	0

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
24.72BR	Private Logging Spur	Dirt/Gravel ^{1,2,3}	All	Open Cut	0.12	0	0
24.72BR	Private Logging Spur	Unknown	All	Open Cut	0.04	0	0
25.12BR	Powerline Access Rd (BLM 27-12-23.0)	Gravel 2	All	Not Crossed	0.50	0	16
25.12BR	Powerline Access Rd (BLM 27-12-23)	Gravel 2	All	Open Cut	0.60	0	16
14.23	Coos City - Sumner Rd	Paved	All-WTC-Public	Not Crossed	0.61	0	16
14.23	Private Rd		All	Not Crossed	0.50	0	10
20	Blue Ridge System Rd (BLM 26-12-35.1) (Blue Ridge Comm Site)	Gravel	All	Not Crossed - Comm *	0.96	0	16
21.98	Powerline Access (BLM 27-12-14.1)	Dirt ^{2,3}	All	Open Cut	0.33	0	14
21.98	Powerline Access (BLM 27-12-14.1)	Natural ^{1,2,3}	All	Open Cut	0.49	0	0
22.15	Powerline Access	Gravel/Dirt ^{2,3}	All	Open Cut	1.13	0	16
22.15	Powerline Access	Gravel ^{2,3}	All	Open Cut	0.14	0	16
22.39	Powerline Access Rd	Gravel	No Ingress / Egress	Open Cut	0.02	0	16
22.57	Private Rd	Gravel	No Ingress / Egress	Open Cut	0.04	0	0
22.58	Cnty Rd 9C (Fairview-Laverne Park Rd)	Paved	All-WTC-Public	Open Cut	0.17	0	16
23.09	Fisher Rd (Private) (BLM 7-12-25.03)	Gravel ^{2,3}	All	Not Crossed	0.19	0	16
23.09	Fisher Rd (Private) (Includes BLM 7-12-25)	Gravel ^{2,3}	All	Open Cut	0.16	0	16
23.22	Unknown Rd	Dirt	No Ingress / Egress	Open Cut	0.02	0	16
23.9	Unknown Rd	Dirt	No Ingress / Egress	Open Cut	0.05	0	0
23.99	Powerline Access Rd	Gravel	No Ingress / Egress	Open Cut	0.03	0	16
24.1	Cnty Rd 60 (Coos Bay Wagon Rd)	Paved	All-WTC-Public	Open Cut	1.06	0	16
24.1	Cnty Rd 60 (Coos Bay Wagon Rd)	Bituminous	All-WTC-Public	Not Crossed	0.53	0	0
24.36	Hudson Rdg Tie (BLM 27-11-17.1)	Gravel	All	Not Crossed	0.36	0	16
24.36	Hudson Ridge Tie (BLM 27-11-17.1)	Gravel	All	Open Cut	0.26	0	16
24.55	Cnty Rd 63 (Coos Bay Wagon Rd)	Paved	All-Public	Open Cut	1.12	0	16
24.55 - 24.81	Private Logging Rd (BLM 27-11-30.1)	Gravel	All	Open Cut	0.74	0	14
24.99 - 25.14	Logging Spur (BLM 27-11-30.03)	Gravel	All	In ROW	0.35	0	16
25.15	Powerline Access Rds (BLM 27-11-30.3)	Dirt	All	Not Crossed	0.52	0	10
25.29	Logging Sp	Dirt	Light	HDD	0.04	0	0
25.31	Logging Sp	Dirt	Light	HDD	0.08	0	0
25.60 - 26.07	Logging Rd Menasha (BLM 27-11-30.1)	Gravel ^{1,2,3}	All	Open Cut	1.23	0	14
26.08 - 26.65	Menasha Private Logging Spur (BLM NonInv 27-11-32.A)	Dirt/Gravel	All	In ROW	0.66	0	10
26.08 - 26.65	Menasha Private Logging Spur (BLM NonInv 27-11-32.C)	Dirt/Gravel	No Ingress / Egress	Open Cut	0.01	0	10

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
26.65	Powerline Access Rd (BLM 28-11-5.4)	Dirt ^{2,3}	Light	Open Cut	0.29	0	16
26.65	Powerline Access Rd (BLM NonInv 27-11-32.A)	Dirt ^{2,3}	Light	Open Cut	0.20	0	16
26.65 - 26.75	Logging Spur	Dirt	No Ingress / Egress	In ROW	0.11	0	10
26.73	Logging Spur	Dirt	No Ingress / Egress	Open Cut	0.03	0	10
26.95	Cnty Rd 13 (Lee McKinley Rd) (Middle Creek Rd)	Gravel 2	All-Public	Open Cut	1.94	0	16
26.95 - 26.99	BLM 28-11-5.2	Aggregate	No Ingress / Egress	In ROW	0.07	0	0
27.07	BLM 28-11-4.1	Pasture/Dirt ^{2,3}	All	Not Crossed	0.32	0	10
27.53	BLM 28-11-4.1	Dirt ^{1,2,3}	All	Not Crossed	1.02	0	16
27.53	Logging Rd (BLM NonInv 28-11-4.A)	Dirt ^{1,2,3}	All	Open Cut	0.27	0	16
27.67 - 28.12	Logging Rd (BLM NonInv 28-11-4.A)	Dirt ^{1,2,3}	All	In ROW	0.56	0	16
27.68	Logging Rd (BLM NonInv 28-11-4.B)	Dirt ^{1,2,3}	All	Open Cut	0.03	0	16
27.86 - 27.94	Logging Rd	Dirt	All	In ROW	0.09	0	0
28.06	Yankee Run Mainline (BLM 28-11-20)	Aggregate	All	Not Crossed	0.53	0	20
28.06	BLM 28-11-9.6	Aggregate	All	Open Cut	0.15	0	0
28.06	Yankee Run Mainline (BLM 28-11-20)	Aggregate	All	Not Crossed	2.99	0	0
28.35	Logging Spur (BLM NonInv 28-11-4.C)	Aggregate	All	Open Cut	0.15	0	16
28.5	Dora Ridge Rd (BLM 28-11.3.1)	Gravel ^{2,3}	All	Open Cut	1.66	0	20
28.5	Dora Ridge Rd (BLM 28-11.3.1)	Gravel ^{2,3}	All	Not Crossed	0.03	0	20
29.02	BLM 28-11-9.5	Gravel ^{2,3}	All	Open Cut	0.29	0	16
29.02	BLM 28-11-9	Gravel ^{2,3}	All	Not Crossed	0.41	0	16
29.25	Lone Rock Logging Rd	Gravel ^{2,3}	All	Not Crossed	0.15	0	16
29.25	Lone Rock Logging Rd	Dirt	All	Open Cut	0.27	0	0
29.32	Logging Sp	Dirt	All	Open Cut	0.42	0	0
29.59	Cnty Rd 1C (Myrtle Point - Sitkum Rd)	Paved	All-WTC-Public	Open Cut	0.38	0	16
29.59	Laird - Private Rd	Gravel	All	Not Crossed	0.21	0	10
30.38 - 31.19	Logging Spur (BLM NonInv 28-11-14.C)	Gravel/Dirt ^{1,2,3}	All	In ROW	0.96	0	16
31.3	Logging Spur (BLM NonInv 28-11-14.B)	Gravel/Dirt ^{1,2,3}	All	Not Crossed	0.14	0	16
31.30 - 31.46	Logging Spur (BLM NonInv 28-11-14.A)	Gravel	All	Open Cut	0.26	0	10
31.51	Dora Spur Rd (BLM 28-11-13.2)	Gravel/Dirt ^{1,2,3}	All	Not Crossed	0.97	0	14

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
31.69 - 31.81	Back Dora (BLM 28-11-13.6)	Gravel	All	In ROW	0.16	0	12
32.1	Dora Thinning Rd (BLM 28-11-13)	Gravel	All	Not Crossed	1.49	0	14
32.1	GoldBRick Rd	Gravel/Dirt ^{2,3}	All	Not Crossed	0.33	0	16
32.35	Logging Spur (BLM NonInv 28-11-24.A)	Gravel ^{1,2,3}	All	Open Cut	0.10	0	16
32.5	GoldBRick Rd (BLM NonInv 28-11-24.B)	Gravel/Dirt ^{1,2,3}	All	Not Crossed	0.06	0	10
32.54	Logging Rd (BLM NonInv 28-11-24.B)	Gravel/Dirt ^{1,2,3}	All	Open Cut	0.24	0	10
32.55	GoldBRick Rd	Dirt/Gravel ^{2,3}	All	Not Crossed	0.27	0	16
32.86	Logging Spur	Dirt	All	Open Cut	0.12	0	0
32.94	Logging Rd (BLM NonInv 28-11-24.B)	Gravel/Dirt ^{1,2,3}	All	Open Cut	0.33	0	10
33.25	Unknown Rd (BLM NonInv 28-11-24.B)	Dirt	All	Open Cut	0.43	0	10
33.37	Logging Spur (BLM NonInv 28-11-24.C)	Dirt	All	Open Cut	0.31	0	10
33.74 - 33.80	Elk Mountain Loop (BLM 28-11-25)	Paved	All-WTC	In ROW	0.51	0	20
34.02	Elk Creek Rd (BLM 28-11-29)	Paved	All-WTC	Open Cut	7.35	0	20
34.31	GoldBrick Rd	Gravel/Dirt ^{1,2,3}	All	Open Cut	0.37	0	16
34.37	Logging Spur (BLM NonInv 28-10-19.A)	Gravel ^{1,2,3}	All	Open Cut	0.10	0	10
34.42	Logging Rd (BLM NonInv 28-10-19.B)	Dirt ^{2,3}	All	Not Crossed	0.27	0	16
34.42	Logging Rd (BLM NonInv 28-10-19.B)	Dirt ^{2,3}	All	Open Cut	0.06	0	16
34.44 - 34.52	Logging Spur (BLM NonInv 28-10-19.B)	Dirt	No Ingress / Egress	Open Cut	0.09	0	16
34.69	Logging Rd	Gravel ^{2,4}	All	Open Cut	1.49	0.11	16
34.71 - 35.04	Logging Spur (BLM NonInv 28-10-30.A)	Gravel	All	In ROW	0.43	0	10
35.33 - 35.80	Elk Creek Rd (BLM 28-11-29)	Paved	All-WTC	In ROW	2.83	0	20
35.34 - 35.80	Cnty Rd 84 (Big Creek Rd) (BLM 28-11-29.0)	Paved	All-WTC-Public	Not Crossed	3.16	0	16
35.34 - 35.80	Big Creek Rd (BLM 29-11-28)	Paved	All-WTC	Not Crossed	1.52	0	16
35.8	Elk Creek Ext. (BLM 28-10-31)	Paved	All-WTC	Not Crossed	3.23	0	14
35.83 - 36.11	Elk Creek Rd (BLM 28-11-29)	Paved	All-WTC	In ROW	0.39	0	20
36.18	Logging Spur (BLM 28-10-29.2)	Gravel	All	Open Cut	0.09	0	20
36.64 - 37.15	Elk Creek Rd (BLM 28-10-29)	Paved	All-WTC	In ROW	0.11	0	20
36.64 - 37.15	Elk Creek Rd (BLM 28-11-29)	Paved	All-WTC	In ROW	1.16	0	20

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
37.15 - 37.22	Unknown Rd BLM Logging Spur	Gravel	All	In ROW	0.07	0	20
38	Private Rd	Gravel ^{2,3}	All	Not Crossed	0.21	0	10
38.06	BLM 28-10-27	Gravel	No Ingress / Egress	Open Cut	0.03	0	20
38.34 - 38.87	Weaver Sitkum Tie Rd (BLM 28-10-9.4)	Paved	All-WTC	In ROW	4.99	0	20
38.34 - 38.87	Chaney Rd (BLM 28-10-9)	Paved	All-WTC	Not Crossed	0.32	0	20
38.34 - 38.87	Cnty Rd 1C (Weaver Sitkum Tie Rd)	Paved	All-WTC-Public	Not Crossed	1.22	0	16
38.58	BLM 28-10-27.2	Gravel	No Ingress / Egress	Open Cut	0.02	0	20
38.87	Sandy Creek (BLM 29-10-15)	Paved	All-WTC	Not Crossed	1.01	0	20
38.87	Sandy Creek Rd (BLM 29-10-15)	Paved	All-WTC	Not Crossed	4.86	0	14
38.87	Sandy Creek Ext. (BLM 29-10-2.1)	Paved	All-WTC	Not Crossed	0.52	0	16
38.87	Big Creek Rd (BLM 29-11-28)	Paved	All-WTC	Not Crossed	4.51	0	14
38.87	Sandy Creek Rd (BLM 29-10-14.2)	Paved	All-WTC	Not Crossed	0.86	0	14
38.87	Sandy Creek Ext. (BLM 28-10-34.1)	Paved	All-WTC	Not Crossed	1.40	0	16
38.98 - 39.22	Cnty Rd 171 (Plum Creek Logging Spur)	Dirt/Gravel	All	In ROW	0.67	0	16
39.35 - 39.85	Weaver Sitkum Tie Rd (BLM 28-10-9.4)	Paved	All-WTC	In ROW	1.44	0	20
39.60 - 39.72	Tri-W Group Logging Spur (BLM NonInv 28-10-26.C)	Gravel/Dirt	All	In ROW	0.30	0	16
39.94	Tri-W Group Logging Spur	Gravel ²	All	Not Crossed	0.04	0	16
40.02	Tri-W Group Access Spur	Dirt ^{1,2,3}	All	Not Crossed	0.10	0	16
40.27 - 40.37	Weaver Sitkum Tie Rd (BLM 28-10-9.4)	Paved	All	In ROW	0.56	0	20
40.61	Tri-W Group Access Spur	Gravel	No Ingress / Egress	Open Cut	0.05	0	16
40.68	Weaver Sitkum Tie Rd (BLM 28-10-9.4)	Paved	All	Not Crossed	0.69	0	20
41.3	Weaver Sitkum Tie Rd (BLM 28-10-9.4)	Paved	All	Not Crossed	0.14	0	20
41.31	Cawrse Rd (BLM 28-10-36)	Gravel	All	Open Cut	0.04	0	16
41.39	BLM 28-9-31	Gravel	No Ingress / Egress	Open Cut	0.03	0	16
41.42	Logging Spur	Gravel	All	Open Cut	0.06	0	16
41.47	Weaver Rd (BLM 28-8-18)	Paved	All	Open Cut	0.38	0	20
41.75	BLM 28-9-31.1	Gravel ^{1,2,3}	All	Open Cut	0.04	0	16
42.03 - 42.50	Weaver Rd (BLM 28-8-18)	Paved	All	In ROW	1.16	0	14

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
42.03 - 42.50	Weaver Rd (BLM 28-8-18)	Paved	All	Not Crossed	0.67	0	14
42.03 - 42.50	Weaver Rd (BLM 28-8-18)	Paved	All	Not Crossed	8.85	0	14
42.1	Camas Creek (BLM 29-9-6.3)	Gravel	No Ingress / Egress	Not Crossed	0.05	0	16
42.5	Unknown Rd (BLM NonInv 29-9-6.A)	Gravel	All	Not Crossed	0.20	0	16
42.68	Plum Creek Logging Spur	Gravel	All	Open Cut	0.09	0	16
42.74 - 42.86	North Rock Creek (BLM 30-10-3)	Paved	All-WTC	In ROW	0.55	0	16
42.74 - 42.86	Camas Creek Rd (BLM 28-10-12)	Paved	All	Not Crossed	3.94	0	20
42.74 - 42.86	S Fork Camas Crk (BLM 28-9-20)	Aggregate	All	Not Crossed	1.76	0	20
42.74 - 42.86	S Fk Camas Creek Rd (BLM 28-9-32)	Paved	All	Not Crossed	0.18	0	16
42.74 - 42.86	S Fk Camas Creek Rd (BLM 28-9-32.2)	Paved	All	Not Crossed	0.51	0	16
42.74 - 42.86	S Fk Camas Creek Rd (BLM 29-9-5.2)	Paved	All	Not Crossed	0.14	0	16
42.74 - 42.86	S Fk Camas Creek Rd (BLM NonInv 29-9-5.A)	Paved	All	Not Crossed	0.53	0	16
42.94 - 43.05	Logging Spur	Gravel	No Ingress / Egress	Open Cut	0.13	0	16
43.05	BLM 29-9-6.6	Gravel	All	Open Cut	0.04	0	16
43.05 - 43.10	North Rock Creek (BLM 30-10-3)	Paved	All-WTC	In ROW	0.05	0	16
43.29 - 43.45	North Rock Creek (BLM 30-10-3)	Paved	All-WTC	In ROW	2.94	0	16
43.44	North Rock Creek (BLM 30-10-3)	Paved	All-WTC	Not Crossed	7.31	0	16
43.44	Cnty Rd 21	Paved	All-WTC-Public	Not Crossed	0.29	0	0
43.63	BLM 29-9-8	Gravel ²	All	Not Crossed	0.14	0	14
43.63 - 43.90	Lone Rock Logging Spur (BLM NonInv 29-9-8.B)	Gravel ^{2,3}	All	In ROW	0.31	0	10
44	Signal Tree Lookout (BLM 29-9-33.4)	Gravel	All	Not Crossed - Comm *	1.19	0	16
44.17	Plum Creek Timber Logging Rd (BLM NonInv 29-9-8.A)	Dirt ^{1,2,3}	All	Open Cut	0.32	0	16
44.17	Plum Crk Logging Spur Upper Rock	Dirt ⁴	All	Not Crossed	0.11	0.06	16

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
44.17	Plum Crk Logging Spur Upper Rock (BLM NonInv 29-9-8.C)	Gravel ²	All	Not Crossed	0.59	0	20
44.29	Plum Crk Logging Spur Upper Rock	Dirt	No Ingress / Egress	Open Cut	0.05	0	16
44.52 - 44.87	BLM 29-9-9.3	Gravel ²	All	In ROW	0.42	0	16
44.87 - 45.23	Upper Signal Tree (BLM 28-9-9.1)	Gravel ²	All	Not Crossed	1.44	0	20
44.87 - 45.23	Upper Signal Tree (BLM 28-9-35)	Gravel ²	All	In ROW	0.97	0	20
44.87 - 45.23	Upper Signal Tree (BLM 28-9-35)	Gravel ²	All	In ROW	0.40	0	20
45.24	BLM 29-9-9.2	Gravel	No Ingress / Egress	Open Cut	0.03	0	16
45.50 - 45.70	Unknown Logging Rd	Dirt	No Ingress / Egress	In ROW	0.20	0	16
45.75	Plum Creek Logging Rd	Dirt	No Ingress / Egress	Open Cut	0.03	0	16
45.8	Logging Spur	Gravel ^{2,3}	All	Open Cut	0.07	0	16
45.80 - 46.30	Plum Creek Logging Spur	Dirt/Gravel ^{2,3}	All	In ROW	0.52	0	16
45.85 - 45.92	Upper Signal Tree (BLM 28-9-35)	Dirt	All	Not Crossed	3.39	0	20
45.85 - 45.92	Upper Signal Tree (BLM 28-9-35)	Paved	All	In ROW	0.62	0	16
45.92	Plum Creek Logging Spur	Dirt/Gravel ^{2,3}	All	Open Cut	0.04	0	16
46.30 - 46.53	Plum Creek Logging Spur (BLM NonInv 29-9-10.E)	Dirt/Gravel ^{2,3}	All	In ROW	0.29	0	16
46.51	Unknown Rd (BLM NonInv 29-9-10.C)	Dirt	All	Not Crossed	0.19	0	16
46.51	Lower Signal Tree (BLM 29-9-36)	Paved ¹	All	Open Cut	11.78	0	14
46.78	Logging Spur (BLM NonInv 29-9-10.A)	Gravel ^{1,2}	All	Not Crossed	0.16	0	16
46.78	Logging Spur (BLM NonInv 29-9-10.A)	Gravel ^{1,2}	All	Open Cut	0.69	0	16
46.78	Logging Spur	Gravel ^{1,2}	All	Not Crossed	0.03	0	16
46.81	Unknown Rd (BLM NonInv 29-9-10.D)	Gravel	All	Open Cut	0.10	0	0
47.1	Holmes Creek Spur (BLM 29-9-15.1)	Gravel	All	Not Crossed	0.23	0	0
47.1	Holmes Creek Spur (BLM NonInv 29-9-15.A)	Gravel	All	Not Crossed	0.85	0	0
47.10 - 47.71	Bingham Holmes Road (BLM NonInv 29-9-15.B)	Gravel	All	In ROW	1.21	0	0
47.23	Holmes Crk Sp (BLM 29-9-15.1)	Aggregate	All	In ROW	0.06	0	0
47.23	Deep Reed Divide Spur (BLM 29-9-15.3)	Aggregate	All	Open Cut	0.10	0	0
47.5	Logging Spur	Aggregate	No Ingress / Egress	Not Crossed	0.04	0	14

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
47.72	Logging Spur	Natural	All	In ROW	0.03	0	0
47.73	Logging Spur	Aggregate	All	In ROW	0.07	0	0
48.16	Wildcat Creek Spur (BLM NonInv 29-9-14.A)	Dirt	All	Open Cut	0.58	0	0
48.16	Wildcat Creek Spur (BLM NonInv 29-9-14.B)	Dirt	All	Not Crossed	0.12	0	0
48.21 - 48.54	Deep Creek (BLM 29-9-12.1)	Gravel ²	All	In ROW	0.53	0	16
48.21 - 48.54	Deep Creek (BLM 29-9-12.1)	Gravel ²	All-WTC	In ROW	0.44	0	16
48.54 - 48.67	Deep Creek Spur (BLM 29-9-13)	Gravel ²	All	In ROW	0.30	0	16
48.77 - 49.15	Deep Creek Spur (BLM 29-9-13.2)	Gravel ²	All	In ROW	0.50	0	16
49	Cnty Rd 132 (Wildcat Rd)	Paved	All-Public	Not Crossed	1.16	0	10
49	Private Rd	Gravel	All	Not Crossed	0.36	0	10
49.76	Cnty Rd 128 (Upper Camas County Rd)	Paved	All-Public	Open Cut	2.21	0	10
49.76	Baldwin Rd	Paved	All-Public	Not Crossed	0.23	0	10
49.8	Camas Weaver Tie Road (BLM 28-9-25.1)	Paved	All	Not Crossed	2.80	0	0
49.8	Lang Creek Rd (BLM 28-8-31.2)	Paved	All-Public	Not Crossed	0.36	0	0
50	Private Rd	Gravel	All	Not Crossed	0.44	0	10
50.2	Private Farm Rd	Dirt	No Ingress / Egress	Open Cut	0.04	0	16
50.55 - 50.75	Barnes Private Rd	Dirt/Gravel ^{1,2,3}	All	In ROW	0.16	0	16
50.55 - 50.75	Private Rd	Dirt/Gravel ^{1,2,3}	All	In ROW	0.23	0	16
50.83	Kirkendall Rd	Paved	All-Public	Open Cut	0.08	0	10
51.31 - 51.37	Private Rd	Dirt	No Ingress / Egress	Open Cut	0.06	0	16
51.49	Private Rd	Gravel/Dirt ^{2,3}	No Ingress / Egress	Open Cut	0.02	0	16
51.54	Quiet Mountain Rd	Paved	All-WTC	Not Crossed	0.48	0	14
51.54	Quiet Mountain Rd	Paved	All-WTC	Not Crossed	0.32	0	14
51.54	State Hwy 42	Paved	All-WTC-Public	Bore	1.17	0	14
52.01	Private Rd	Dirt	No Ingress / Egress	Open Cut	0.05	0	0
52.07	Private Rd	Gravel	All	Open Cut	0.34	0	10
52.11	Private Rd	Gravel	No Ingress / Egress	Open Cut	0.07	0	16
52.2	Private Rd	Gravel	All	Open Cut	0.07	0	10
52.2	5-J Limited Private Rd	Gravel ^{1,2,3}	All	Not Crossed	0.15	0	0
52.2	5-J Limited Private Rd	Gravel ^{1,2,3}	All	Not Crossed	0.56	0	0
52.2	Private Rd (BLM NonInv 29-8-16.A)	Gravel	All	Not Crossed	0.32	0	10

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
52.2	Private Rd (BLM 29-8-10)	Gravel	All	Not Crossed	0.07	0	10
52.62	Camas Mountain SP (BLM 29-8-9.3)	Gravel ^{2,3}	All	Open Cut	1.52	0	16
53.03	Private Logging Rd (Camas Mountain SP) (BLM NonInv 29-8-10.A)	Gravel ^{2,3}	All	Open Cut	0.05	0	16
53.21 - 53.59	Shields Creek Rd (BLM 29-8-2.2)	Gravel ²	All	In ROW	0.87	0	16
53.74	Shields Creek Sp BLM 29-8-11.2)	Gravel	All	Open Cut	0.06	0	16
54.2	Shields Creek Spur (BLM 29-8-11)	Gravel ²	All	Open Cut	0.45	0	19
54.21 - 54.35	Logging Spur (BLM NonInv 29-8-11.A)	Gravel	All	In ROW	0.14	0	14
54.64	Shields Creek Spur (BLM 29-8-2.2)	Gravel ²	All	Not Crossed	1.51	0	16
54.64	Shields Creek Rd (BLM 29-8-2.2)	Gravel ²	All	Open Cut	1.09	0	16
54.64	BLM NonInv 29-8-12.A	Gravel ²	All	Open Cut	0.01	0	16
54.87	Seneca Logging Spur (BLM NonInv 29-8- 12.B)	Dirt/Gravel	All	In ROW	0.05	0	16
54.87 - 55.05	Seneca Logging Spur (BLM NonInv 29-8- 12.C)	Dirt/Gravel	All	In ROW	0.18	0	16
55.42	Logging Spur	Dirt	All	Open Cut	0.11	0	0
55.75	Unknown Logging Rd	Dirt	All	In ROW	0.33	0	0
55.81	Cnty Rd 365 (Berry Creek Access Rd) (BLM 29-8-1)	Paved	All-WTC-Public	Not Crossed	0.63	0	16
55.81	Berry Creek Access Rd (BLM 29-8-1)	Paved	All-WTC	Not Crossed	1.04	0	20
55.81	Cnty Rd 140 (Ireland)	Paved	All-WTC-Public	Bore	0.26	0	16
55.81	Cnty Rd 365A (Ben Irving Rd)	Paved	All-WTC-Public	Not Crossed	2.22	0	20
56.06	Private Rd	Gravel	All	Open Cut	0.10	0	16
56.12	Private Rd	Gravel	No Ingress / Egress	Open Cut	0.09	0	16
56.16	Private Rd	Gravel	No Ingress / Egress	Open Cut	0.09	0	16
56.20	Private Rd (DG-039)	Gravel	All	Open Cut	0.09	0	16
56.32	Private Rd DG-041	Gravel	All	Open Cut	0.10	0	16
56.74	Cnty Rd 140 (Ireland)	Paved	All-WTC-Public	Open Cut	1.75	0	16
56.74	Cnty Rd 141 (Benedict Rd)	Paved	All-WTC-Public	Not Crossed	0.05	0	16
56.91	Private Rd	Gravel ²	All	Open Cut	0.06	0	16
57.1	Private Rd	Gravel ²	All	Open Cut	0.11	0	14
57.35	Private Rd	Gravel ²	All	Open Cut	0.06	0	14
57.6	Cnty Rd 38 (Olalla Rd)	Paved	All-Public	Not Crossed	2.96	0	16
57.6	Cnty Rd 38 (Upper Olalla)	Paved	All-WTC-Public	Open Cut	0.09	0	16
58.19	Private Rd	Dirt ^{1,2}	All	Open Cut	0.20	0	16
58.65	Private Rd	Dirt ^{1,2,3}	All	Open Cut	0.31	0	16

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
59.34	Private Rd	Dirt	No Ingress / Egress	Open Cut	0.03	0	16
59.6	Private Rd	Gravel ²	All	Open Cut	0.04	0	16
59.62	McNabb Creek Rd (BLM 28-7-3)	Gravel ^{1,2,3}	All	Open Cut	0.35	0	16
60.58	McNabb Creek Rd (BLM 28-7-34)	Gravel ²	All	Open Cut	0.55	0	16
60.58	Cnty Rd 125 (Hoover Hill Rd)	Paved	All-Public	Not Crossed	0.17	0	16
61.9	NicholsBROS Private Logging Rd	Dirt	No Ingress / Egress	Open Cut	0.17	0	16
61.9	NicholsBROS Private Logging Rd	Dirt ^{2,3}	All	Not Crossed	0.62	0	16
61.9	Nichols Rd	Dirt ^{2,3}	All	Open Cut	1.42	0	0
61.9	NicholsBROS Private Logging Rd	Dirt	All	Open Cut	0.03	0	16
61.90 - 62.44	John Clarke DG-075	Dirt ^{2,3}	All	In ROW	0.46	0	16
62.52 - 63.62	D R Johnson	Dirt/Gravel ^{2,3}	All	In ROW	1.18	0	16
63.41	Kents Creek Spur (BLM 28-6-32)	Dirt/Gravel ^{2,3}	All	Not Crossed	0.51	0	16
63.41	Kents Creek Spur (BLM 28-6-32)	Dirt/Gravel ^{2,3}	All	Not Crossed	0.36	0	16
63.41	Squaw Creek Spur (BLM 28-6-31)	Dirt/Gravel ^{1,2,3}	All	Not Crossed	0.39	0	16
63.41	Private Rd	Dirt/Gravel ^{1,2,3}	All	Open Cut	0.34	0	16
63.9	Private Rd	Gravel	All	Not Crossed	0.13	0	20
63.92	Cnty Rd 100 (Kent Creek)	Paved	All-WTC-Public	Open Cut	1.05	0	14
64.17	Unknown Rd	Dirt	No Ingress / Egress	Open Cut	0.05	0	16
64.55 - 64.60	Private Rd - (BLM NonInv 29-6-5.A)	Dirt ^{2,3}	All	In ROW	0.26	0	16
64.55 - 64.71	Private Rd - DG-090.500 - PLMP 58.3+4.87	Dirt ^{2,3}	All	Not Crossed	0.56	0	16
64.60 - 64.71	Private Rd - (BLM NonInv 29-6-5.B)	Dirt ^{2,3}	All	In ROW	0.13	0	16
64.90 - 65.35	Private Rd - DG-090.500	Dirt/Gravel ^{2,3}	All	In ROW	0.46	0	16
65.6	Private Rd	Gravel	All	Not Crossed	0.22	0	16
65.82	Cnty Rd 43 (Rice Creek)	Paved	All-WTC-Public	Open Cut	0.08	0	16
66.21	Private Rd - DG-098.000	Gravel ^{2,3}	All	Open Cut	0.34	0	16
66.37 - 66.47	Private Rd - DG-099.000	Gravel ^{2,3}	All	Open Cut	0.95	0	16
66.88	Cnty Rd 88A (Willis Creek Rd)	Paved	All-WTC-Public	Open Cut	0.15	0	14
66.9	Private Rd (Track 106)	Dirt	No Ingress / Egress	Open Cut	0.06	0	16
66.97	Barton Private Rd	Dirt	Light	Not Crossed	0.22	0	16
66.97	Private Rd	Dirt	Light	Open Cut	0.41	0	16

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
67.19 - 67.30	Barton Private Rd	Dirt ^{2,3}	Light	In ROW	0.59	0	16
67.67	Private Rd	Dirt ^{2,3}	Light	Open Cut	0.44	0	16
67.72 - 68.00	Barton Private Rd	Dirt/Gravel ^{2,3}	Light	In ROW	0.32	0	16
68.00 - 68.39	Barton Private Rd	Dirt ^{1,2,3}	Light	In ROW	0.47	0	0
68.39	Barton Private Rd	Dirt ^{1,2,3}	Light	Open Cut	0.06	0	0
68-59 - 68.88	Unknown Rd	Dirt ^{2,3}	Light	In ROW	0.41	0	0
69.3	Private Rd	Gravel ^{1,2}	All	Open Cut	0.52	0	0
70.46	Edies Ln	Gravel ^{1,2,3}	All	Open Cut	1.23	0	0
71	Hong Private Rd	Dirt/Gravel ^{1,2,3}	All	Open Cut	1.12	0	0
71.22	I-5	Paved	All-WTC-Public	Direct Pipe	8.65	0	0
71.26	Booth Ranch Rd	Paved	All-Public	Direct Pipe	1.16	0	0
71.33	Cnty Rd 14 (Dole Rd)	Paved	All-WTC-Public	Direct Pipe	0.43	0	14
71.33	Roth Private Rd	Dirt ^{1,2,3}	All	Not Crossed	0.18	0	14
71.34	Southern Pacific Railroad	Rails	RR	Direct Pipe	1.56	0	0
72.05	Unknown Rd	Dirt ^{1,2,3}	Light	Open Cut	0.33	0	0
72.23 - 72.66	Unknown Rd	Dirt ^{1,2,3,4}	All	In ROW	0.52	0.14	0
73.62 - 74.39	Cnty Rd 105 (Clarks Branch)	Bituminous	All-Public	Not Crossed	4.58	0	16
73.70	Unknown Rd	Dirt/Gravel ^{1,2,3,4}	All	Not Crossed	3.28	3.18	0
74.32 - 74.73	Gow Ranch Private Rd	Gravel ^{2,3}	Light	Open Cut	0.94	0	16
74.37 - 74.60	Gow Ranch Private Rd	Dirt ^{1,2,3}	All	Open Cut	0.82	0	16
74.40 - 75.04	Gow Ranch Private Rd	Rock ^{1,2,3}	All	Not Crossed	0.88	0	16
74.74 - 74.40	Gow Ranch Private Rd	Gravel ^{2,3}	Light	In ROW	2.80	0	10
75	Garoutte Road (BLM 23-3-5) (Harness Mountain Comm Site)	Gravel	All	Not Crossed - Comm *	0.89	0	10
75	Garoutte Road (BLM 23-3-17.2) (Harness Mountain Comm Site)	Gravel	All	Not Crossed - Comm *	0.73	0	10
75	BLM NonInv 23-3-17.A (Harness Mountain Comm Site)	Gravel	All	Not Crossed - Comm *	5.44	0	10

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
75.04 - 75.35	Bilger Creek Spur (BLM 29-5-2.0)	Gravel ^{1,2,3}	All	Open Cut	1.08	0	16
75.38 - 75.97	Bilger Creek Rd (BLM 29-5-11)	Rock ^{1,2,3,4}	All	In ROW	3.97	0.07	16
75.8	Bilger Creek Spur (BLM 29-5-2.2)	Dirt/Rock ^{1,2,3}	All-WTC	Open Cut	0.21	0	16
75.80 - 75.93	Private Rd - Logging Spur	Gravel	No Ingress / Egress	In ROW	0.14	0	16
76.35	Cnty Rd 103 (Bilger Creek)	Gravel	All-WTC-Public	Open Cut	0.55	0	16
76.58	Unknown Rd	Dirt/Gravel ^{1,2,3}	Light	Open Cut	0.15	0	0
76.84	Unknown Rd	Dirt/Gravel ^{1,2,3}	All	Open Cut	0.78	0	0
77.07 - 77.12	Unknown Rd	Dirt/Gravel ^{1,2,3}	All	In ROW	1.38	0	0
77.31	Unknown Rd	Dirt/Gravel ^{1,2,3}	All	Open Cut	0.13	0	0
77.61	Private Road (Davis, Wayne)	Dirt/Gravel ^{1,2,3}	All	Open Cut	0.49	0	0
77.88 - 77.98	Little Lick Private Rd	Dirt ^{1,2,3}	All	Open Cut	1.20	0	16
78	Private Rd to Big Lick Reservoir	Gravel	All	Not Crossed	1.74	0	10
78.98	Cnty Rd 15 (North Myrtle)	Paved	All-WTC-Public	Open Cut	1.76	0	14
78.98	Cnty Rd 15 (North Myrtle)	Paved	All-Public	Not Crossed	4.00	0	0
78.98	North Myrtle	Paved	All-Public	Not Crossed	0.16	0	0
78.98	Cnty Rd 14 (Dole Rd)	Paved	All-Public	Not Crossed	0.88	0	0
78.98	Cnty Rd 386 (Old Pacific Hwy (Hwy 99))	Paved	All-Public	Not Crossed	0.07	0	0
79.41	Starbuk Lane	Dirt/Gravel ^{1,2,3}	Light	Not Crossed	0.42	0	16
79.41	Starbuk Lane	Gravel ^{1,2,3}	Light	Open Cut	0.40	0	16
79.41	Powerline Access Rd	Dirt	Light	Open Cut	0.20	0	20
79.41 - 79.54	Powerline Access Rd	Dirt	Light	In ROW	0.11	0	0
79.89 - 80.42	Pack Saddle Rd (BLM 29-4-17)	Gravel ^{1,2,3}	All	In ROW	0.98	0	14
79.89 - 80.42	Pack Saddle Rd (BLM 29-4-20)	Gravel ^{1,2,3}	All	Not Crossed	1.12	0	20
80.71 - 80.73	Roseburg Forest Products	Dirt/Gravel	All	Open Cut	0.08	0	10
80.92	Powerline Private Rd	Gravel	No Ingress / Egress	Open Cut	0.07	0	10
81.09	Roseburg Forest Products	Gravel	All	Open Cut	0.56	0	16
81.09	Roseburg Forest Products (NonInv 29-4-21.A)	Gravel	All	Open Cut	0.06	0	16
81.15	Cnty Rd 18 (South Myrtle)	Paved	All-WTC-Public	Open Cut	4.02	0	24

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
81.15	Cnty Rd 386 (Old Pacific Hwy (Hwy 99))	Paved	All-WTC-Public	Not Crossed	0.48	0	24
81.15	Cnty Rd 18A (South Myrtle Cutoff)	Paved	All-WTC-Public	Not Crossed	1.97	0	24
81.68	Private Road (Sutch, Steve)	Dirt/Gravel ^{1,2}	All	Open Cut	0.44	0	0
82.23 - 82.42	Unknown Rd (BLM NonInv 29-4-27.B)	Dirt	All	In ROW	0.59	0	0
82.42	Unknown Rd (BLM NonInv 29-4-28.B)	Dirt	All	Open Cut	0.08	0	0
82.64	Unknown Rd (BLM NonInv 29-4-28.B)	Dirt	All	Not Crossed	0.12	0	0
82.64	Unknown Rd (BLM NonInv 29-4-28.A)	Dirt	All	Open Cut	0.11	0	0
82.75 - 83.76	Wood Creek Rd (BLM 29-4-35)	Gravel ^{1,2,3}	All	In ROW	2.62	0	16
82.97	Wood Creek Spur (BLM 29-4-27.3)	Gravel ^{1,2,3}	All	Open Cut	0.05	0	16
83.4	Wood Creek Spur (BLM 29-4-27)	Gravel	All	Open Cut	0.17	0	16
83.79	Logging Spur	Dirt	All	In ROW	0.12	0	0
84.05	Unknown Rd (BLM NonInv 29-4-27.A)	Dirt/Gravel ^{1,2,3}	All	Open Cut	0.32	0	10
84.16	Roseburg Resources	Dirt	No Ingress / Egress	Open Cut	0.05	0	16
84.22	Cnty Rd 92 (Wood Creek)	Gravel	All-Public	Open Cut	0.83	0	16
84.48	Logging Rd	Dirt	All	Not Crossed	0.20	0	0
84.66	Logging Rd	Dirt	All	Open Cut	1.36	0	0
84.67	Logging Rd	Dirt	All	In ROW	0.05	0	0
86.46 - 86.97	High Noon Spur	Gravel ^{2,3}	All	In ROW	0.54	0	16
86.46 - 87.38	High Noon Spur (BLM 29-3-31.4)	Gravel ^{2,3}	All	In ROW	0.33	0	16
86.5	Logging Spur	Dirt	All	In ROW	0.05	0	0
86.50 - 87.05	High Noon Spur (BLM 29-3-31.3)	Gravel ^{2,3}	All	In ROW	1.01	0	14
86.97 - 86.50	High Noon Spur (BLM NonInv 29-3-31.A)	Gravel ^{2,3}	All	In ROW	0.09	0	16
87.06	Fate Creek Spur (BLM 30-3.6.1)	Gravel ^{2,3}	All	In ROW	0.63	0	14
87.06	Fate Creek Spur (BLM 29-3-31.2)	Gravel ^{2,3}	All	Not Crossed	0.12	0	14
87.95	Calley Logging Spur	Dirt	No Ingress / Egress	Open Cut	0.18	0	16
88.09	Private Rd	Gravel/Dirt ^{2,3}	All	Not Crossed	0.18	0	0
88.21	Fate Creek (BLM 30-3-6)	Gravel ^{2,3}	All	Open Cut	0.83	0	16
88.53	Cnty Rd 34 (Days Creek)	Paved	All-Public	Open Cut	2.83	0	14
88.93	Seneca Jones Private Rd	Dirt	All	Open Cut	0.48	0	16
89.07	Seneca Jones Private Rd	Dirt	All	Open Cut	0.18	0	16
89.13 - 89.31	Unknown Rd	Dirt	All	In ROW	0.18	0	16

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
89.31 - 89.50	Seneca Jones Private Rd 7 & 8	Dirt/Gravel ^{2,3}	All	In ROW	0.37	0	16
89.5	Days Crk Sp	Natural	All	Not Crossed	0.02	0	0
89.5	Days Crk Sp	Aggregate	All	Not Crossed	1.63	0	0
89.5	Days Crk Sp (BLM 30-3-4.1)	Aggregate	All	Not Crossed	0.10	0	0
89.5	Days Crk Sp (BLM 29-3-33.4)	Aggregate	All	Not Crossed	2.02	0	0
89.5	Days Crk Sp (Doe Hollow) (BLM 30-3-4.1)	Aggregate	All	Not Crossed	0.08	0	0
89.79 - 89.85	Bland Mtn Spur	Dirt ^{2,3}	All	In ROW	0.14	0	16
89.87	Bland Mtn Spur (BLM 30-3-17.4)	Dirt ^{2,3}	All	Open Cut	0.12	0	16
89.96	Bland Mtn Spur (BLM 30-3-17.1)	Gravel ^{2,3}	All	Open Cut	0.54	0	16
90.19	Bland Mtn (BLM 30-4-1)	Gravel ^{2,3}	All	Open Cut	3.80	0	16
90.19 - 90.36	Bland Mtn Spur (BLM 30-3-17.2)	Gravel	All	In ROW	0.15	0	16
90.36 - 90.74	Lavadoure Crk Spur (BLM 30-3-20.2)	Dirt	All	In ROW	1.79	0	14
90.47	Bland Mtn Spur (BLM 30-3-17.3)	Gravel ^{2,3}	All	Open Cut	0.13	0	16
90.60 - 90.67	Lavadoure Crk Spur (BLM NonInv 30-3-16.A)	Dirt	All	In ROW	0.08	0	14
90.85	Lavadoure Creek (BLM 30-3-30.2)	Gravel	All	Not Crossed	2.78	0	16
90.86 - 90.93	Unknown Spur	Dirt	All	In ROW	0.07	0	12
90.88 - 91.19	Logging Spur (BLM 30-3-28.0)	Dirt	All	In ROW	0.41	0	12
91.19 - 91.74	John Days Spur (BLM 30-3-28) (Wook Rd)	Dirt/Gravel ^{2,3}	All	In ROW	3.15	0	16
91.96 - 92.29	St Johns Creek Spur 1 (BLM NonInv 30-3-22.C)	Dirt ^{2,3}	All	Open Cut	1.43	0	16
92.29	St Johns Creek Spur 1	Dirt ^{2,3}	All	Not Crossed	0.25	0	16
92.36	St Johns Creek Spur 2 (BLM NonInv 30-3-22.D)	Gravel ^{2,3}	All	Open Cut	0.20	0	16
92.63	St Johns Creek Spur (BLM 30-3-34.1)	Gravel ^{2,3}	All	Not Crossed	0.07	0	16
92.63	St Johns Creek Spur (BLM 30-3-34.1)	Gravel ^{2,3}	All	Open Cut	2.10	0	16
92.63	St Johns Creek Spur (BLM 30-3-22)	Gravel ^{2,3}	All	Not Crossed	0.08	0	16
92.8	Stinchfield Private Rd	Dirt	All	Open Cut	0.46	0	0
93.03 - 93.11	Unknown Rd (BLM NonInv 30-3-22.B)	Dirt	All	In ROW	0.07	0	12
93.05	Corn Creek Spur (BLM 30-2-23.7)	Pit run	All	Not Crossed	0.16	0	14

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
93.11 - 93.50	Unknown Rd (BLM NonInv 30-3-22.A)	Dirt	All	In ROW	0.48	0	12
93.5	Corn Creek Spur (BLM 30-2-23)	Pit run	All	Not Crossed	0.67	0	14
93.5	Corn Creek Spur (BLM 30-2-23)	Pit run	All	Not Crossed	1.03	0	14
93.5	Corn Creek Rd (BLM 30-2-26)	Pit run	All	Not Crossed	0.85	0	14
93.58 - 93.62	Corn Creek Spur (BLM 30-3-23.1)	Gravel ^{2,3}	All	Not Crossed	0.36	0	14
93.65	Logging Spur (BLM 30-3-23.10)	Dirt	All	Open Cut	0.11	0	12
93.74	Maize Ts Rd (BLM 30-3-23.5)	Gravel ^{2,3}	All	Open Cut	0.86	0	15
93.76 - 94.06	Maize Ts Rd (BLM 30-3-23.11)	Gravel ^{2,3}	All	In ROW	0.52	0	15
93.76 - 94.06	Maize Ts Rd (BLM NonInv 30-3-27.A)	Gravel ^{2,3}	All	Not Crossed	0.22	0	15
94.30 - 94.34	Maize Ts Rd	Gravel ^{2,3}	All	In ROW	0.96	0	15
94.68	State Hwy 227 (Tiller Trail Hwy)	Paved	All-Public	Open Cut	0.62	0	14
94.68	State Hwy 227 (Tiller Trail Hwy)	Paved	All-Public	Open Cut	0.95	0	14
94.81	Milo & Academy Dr	Paved	All	Not Crossed	0.39	0	16
95.51	Academy Rd (BLM 31-3-3)	Gravel ^{1,2,3}	All	Open Cut	2.01	0	16
95.94 - 96.30	Unknown Rd	Dirt	All	In ROW	0.38	0	0
96.3	Unknown Logging Rd	Dirt	All	Not Crossed	0.03	0	0
96.3	Unknown Logging Rd	Dirt	All	Not Crossed	0.02	0	0
96.3	Unknown Logging Rd	Dirt	All	Not Crossed	0.02	0	0
96.33	Academy Rd (BLM 31-3-3)	Dirt/Gravel ^{1,2,3}	All	Open Cut	0.80	0	10
96.67 - 96.91	Private Rd (BLM NonInv 31-3-2.A)	Gravel ^{2,3}	All	In ROW	0.41	0	16
97	Academy Rd (BLM 31-3-3)	Dirt ^{2,3}	All	Open Cut	0.69	0	10
97.07 - 97.66	Unknown Rd (BLM NonInv 31-3-1.A)	Dirt	All	In ROW	0.70	0	14
97.67	Stouts Creek Spur (BLM 31-3-1.3)	Gravel ²	All	Not Crossed	0.44	0	16
97.95	E Fk Stouts Creek Spur (BLM 31-3-3.1)	Gravel ²	All	Not Crossed	1.74	0	16
97.95	E Fk Stouts Creek Spur (BLM 31-3-1)	Gravel ²	All	Open Cut	1.03	0	16
97.95	E Fk Stouts Creek Spur (BLM 31-3-2.2)	Gravel ²	All	Not Crossed	0.49	0	16
97.95	E Fk Stouts Creek Spur (BLM 31-3-2.1)	Gravel ²	All	Not Crossed	0.47	0	16
97.95	W Fk Stouts Creek Rd (BLM 30-3-34)	Gravel ²	All	Not Crossed	1.11	0	16
97.95	E Fk Stouts Creek Spur (BLM 31-3-3.1)	Gravel ²	All	Not Crossed	0.23	0	16
97.96	Mighty Fine Ext Spur (BLM 31-3-1.4)	Gravel	All	Open Cut	0.08	0	10

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
98.31 - 98.48	E Fk Stouts Creek Spur (BLM 31-3-1.1)	Dirt ^{2,3}	All	In ROW	0.65	0	16
98.48 - 99.29	Unknown Rd (BLM NonInv 31-3-12.A)	Dirt ^{2,3}	All	In ROW	1.30	0	16
98.48 - 99.29	Unknown Rd	Dirt ^{2,3}	All	In ROW	1.16	0	16
98.94 - 99.12	Unknown Rd	Dirt ^{2,3}	All	In ROW	0.18	0	16
99.3	East Fork Stouts Creek	Dirt	All	Not Crossed	0.34	0	0
100.02 - 100.40	FS 3220705 (BLM NonInv 31-3-13.A)	Gravel ^{1,2,3}	All	In ROW	0.38	0	16
100.40 - 100.67	FS 3220705	Gravel ^{1,2,3}	All	In ROW	0.30	0	16
100.40 - 100.67	FS 3220705	Gravel ^{1,2,3}	All	Not Crossed	0.21	0	16
100.67 - 100.75	FS 3220705 (BLM 31-3-24.A)	Gravel ^{1,2,3}	All	In ROW	1.08	0	16
100.76	FS 3220705	Dirt	All	Open Cut	0.32	0	16
100.87 - 100.94	Unknown Rd	Dirt	All	In ROW	0.09	0	0
100.93	Unknown Rd	Dirt	All	Not Crossed	0.44	0	16
100.94 - 101.12	Unknown Rd	Dirt	All	In ROW	0.38	0	0
101.52	Unknown Rd	Dirt	All	Not Crossed	0.94	0	20
101.57	FS 3220707	Dirt ^{2,3}	No Ingress / Egress	Open Cut	0.05	0	14
101.77 - 101.92	FS 3220790	Dirt	No Ingress / Egress	Open Cut	0.20	0	14
102.25	Sweetheart T.S. (FS 3220792)	Dirt ^{2,3}	All	In ROW	0.09	0	14
102.3	Green Butte (FS 3220000)	Gravel ^{2,3}	All	Not Crossed	4.06	0	16
102.3	Green Butte (FS 3220000)	Gravel ^{2,3}	All	Open Cut	6.84	0	16
102.62 - 102.83	Sweetheart T.S. (FS 3220792)	Dirt ^{2,3}	All	In ROW	0.42	0	14
102.87 - 103.60	C&D Lumber	Dirt/Gravel ^{2,3}	All	In ROW	0.82	0	0
103.00 - 103.14	Unknown Rd	Dirt	All	In ROW	0.15	0	0
103.60 - 103.66	C&D Lumber	Dirt/Gravel ^{2,3}	All	In ROW	0.31	0	16

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
103.79	C&D Lumber	Gravel ^{2,3}	All	Open Cut	0.37	0	16
103.93	C&D Lumber	Gravel ^{2,3}	All	Open Cut	0.22	0	16
103.95	FS 3230137	Gravel ^{2,3}	All	Not Crossed	0.02	0	16
103.95	FS 3230137	Gravel ^{2,3}	All	Not Crossed	0.19	0	16
104.14	FS 3230136	Gravel ^{1,2,3}	All	Open Cut	0.40	0	14
104.24	Callahan Crk Rd (FS 3230000)	Gravel ^{2,3}	All	Open Cut	9.62	0	16
104.27	FS 3230100	Gravel ^{1,2,3}	All	Open Cut	0.63	0	14
104.27	FS 3230135	Gravel ^{1,2,3}	All	Not Crossed	0.36	0	14
104.83	FS 3230120	Dirt	No Ingress / Egress	In ROW	0.06	0	14
104.84	FS 3230100	Gravel ^{1,2,3}	All	Open Cut	0.04	0	14
104.85	FS 3230121	Dirt	No Ingress / Egress	Open Cut	0.01	0	14
105.32	FS 3230100	Gravel ^{1,2,3}	All	Open Cut	0.66	0	14
105.38 - 105.53	Wildcat Ridge Rd (FS 3200000)	Gravel ^{2,3}	All-WTC	In ROW	3.90	0	14
105.69 - 106.00	FS 3200255	Dirt ^{2,3}	All	In ROW	0.39	0	14
106.13 - 106.37	FS 3200260	Gravel ^{2,3}	All	In ROW	0.46	0	14
106.50 - 106.77	FS 3200269	Dirt	No Ingress / Egress	In ROW	0.25	0	14
106.77	FS 3200280	Gravel	No Ingress / Egress	Not Crossed	0.02	0	14
106.77 - 106.84	Wildcat Ridge Rd (FS 3200000)	Gravel ²	All-WTC	Not Crossed	0.87	0	14
106.77 - 107.10	Wildcat Ridge I TS (FS 3200270)	Dirt	No Ingress / Egress	In ROW	0.36	0	14
107.26 - 107.47	Wildcat Ridge I TS (FS 3200300)	Dirt	All	In ROW	0.20	0	14
107.43 - 107.63	Wildcat Ridge TS (FS 3200301)	Dirt ^{2,3}	All	In ROW	0.17	0	14
107.5	Wildcat Ridge Rd (FS 3200300)	Dirt ⁴	All	In ROW	0.13	0.01	14
108.09	Wildcat Ridge Rd (FS 3200000)	Gravel ²	All-WTC	Open Cut	0.87	0	14
108.16	FS 3200330	Gravel	No Ingress / Egress	In ROW	0.11	0	14
108.32	Wildcat Ridge Rd (FS 3200000)	Gravel ²	All-WTC	Open Cut	0.91	0	14
108.40 - 108.66	FS 3200359	Dirt	No Ingress / Egress	In ROW	0.16	0	0
108.88	E Fk T.S. (FS 3200380)	Gravel	No Ingress / Egress	Open Cut	0.03	0	10
108.96	Cow Creek/Wildcat Ridge Rd (FS 3200000)	Gravel ²	All-WTC	Open Cut	1.91	0	14
109.15	FS 3200500	Gravel ²	All	Open Cut	0.54	0	10

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
109.30 - 109.37	FS 3200500	Gravel ²	All	In ROW	0.42	0	10
109.59 - 109.68	FS 3200500	Gravel ²	All	In ROW	0.23	0	10
110.15 - 110.54	FS 3232891	Dirt ^{2,3}	All	In ROW	0.48	0	10
110.4	Pevine Quarry (FS 3232895)	Gravel	All	Not Crossed	0.28	0	10
110.4	Pevine Quarry (FS 3232896)	Gravel	All	Not Crossed	0.15	0	10
110.4	Pevine Quarry (FS 3232898)	Gravel	All	Not Crossed	0.17	0	10
110.55	South Fork Cow Creek (FS 32320000)	Gravel ^{2,3}	All	Open Cut	8.81	0	16
111	Long Prairie Rd (FS 3200600)	Gravel ^{2,3}	All-WTC	Not Crossed	4.49	0	14
111.66 - 112.07	Wildcat Ridge Rd (Cow Creek Rd) (FS 3200000)	Gravel ^{2,3}	All-WTC	In ROW	4.67	0	14
112.07 - 113.06	FS 3200750	Gravel ^{2,3}	All	In ROW	0.07	0	14
112.07 - 113.06	FS 3200750	Gravel ^{2,3}	All	In ROW	1.08	0	14
113.37	Unknown Rd (BLM NonInv 32-2-36.B)	Dirt ^{2,3}	All	Open Cut	0.13	0	16
113.63	Unknown Rd (BLM NonInv 32-2-36.B)	Dirt ^{2,3}	All	Not Crossed	0.19	0	16
113.66	Beaver Springs Sp (BLM 32-1-31.3)	Dirt ^{2,3}	All	Not Crossed	0.35	0	16
113.66	Beaver Springs (BLM 32-1-31.1)	Dirt ^{2,3}	All	Not Crossed	0.30	0	16
113.66	Beaver Springs Sp (BLM NonInv 32-2-36.A)	Dirt ^{2,3,4}	All	Open Cut	0.81	0.75	16
114.08	Unknown Rd	Dirt	No Ingress / Egress	Open Cut	0.11	0	16
115.13	Beaver Springs Sp (BLM NonInv 32-2-36.A)	Gravel ^{2,3}	All	Open Cut	1.08	0	16
115.13	Unknown Rd (BLM NonInv 32-2-36.A)	Gravel ^{2,3}	All	In ROW	0.04	0	16
115.36	Hardway MI (BLM 33-2-12)	Gravel ^{2,3}	All	Open Cut	0.28	0	17
115.84	Dwinnel Rd (BLM 33-1-5)	Gravel ^{2,3}	All	Open Cut	2.71	0	16
116.08	Old Ben Ex (BLM 33-1-7.2)	Gravel ^{2,3}	All	Open Cut	0.17	0	16
116.33	Dwinnel Rd (BLM 33-1-5)	Gravel ^{2,3}	All	Open Cut	0.43	0	16
117.85	Morris Taylor Dr (BLM NonInv 33-1-20.B)	Dirt ^{2,3}	All	Open Cut	0.62	0	16
118.25	Morris Taylor Dr (BLM NonInv 33-1-20.A)	Dirt ^{2,3,4}	All	Open Cut	0.23	0.35	16
118.57	Morris Taylor Dr	Dirt ^{2,3,4}	All	Not Crossed	0.67	1.27	16
118.57	Morris Taylor Dr	Dirt ^{2,3,4}	All	Open Cut	0.23	0.35	16
118.57	Morris Taylor Dr (BLM NonInv 33-1-29.A)	Dirt ^{2,3,4}	All	Not Crossed	0.28	0.73	16
118.80	Morris Taylor Dr	Dirt ^{2,3}	No Ingress / Egress	Open Cut	0.04	0	16
118.93	West Fork Creek Trail Rd (BLM 33-1-29)	Paved	All-Public	Open Cut	0.55	0	30
119.03	Cabin Canyon Rd (Trail Creek Spur) (BLM 33-1-29.2)	Dirt ²	All	Open Cut	1.14	0	14

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
119.7	Cabin Canyon MI (BLM 33-1-29.1)	Dirt ²	All	Open Cut	0.96	0	16
120.00 - 120.08	Canyon Ck Ridge Rd (BLM 33-1-28)	Dirt ²	All	Open Cut	0.12	0	14
120.05	Unknown Rd	Dirt	No Ingress / Egress	In ROW	0.01	0	14
120.23	Canyon Creek Ridge Rd (BLM 33-1-28)	Dirt	No Ingress / Egress	Open Cut	0.04	0	14
120.28	Canyon Creek Ridge Rd (BLM 33-1-28)	Dirt	No Ingress / Egress	Open Cut	0.04	0	14
120.45	Canyon Creek Spur (BLM NonInv 33-1-33.A)	Dirt	All	Open Cut	0.10	0	14
120.45	Canyon Ck Ridge Rd (BLM 33-1-28)	Dirt ²	All	Not Crossed	0.19	0	14
120.55	Canyon Creek Spur	Dirt/Gravel ^{2,3}	All	Not Crossed	0.05	0	16
120.55	Loper Ln	Dirt/Gravel ^{2,3}	All	Open Cut	0.23	0	16
120.85 - 120.91	Private Rd	Dirt/Gravel ^{2,3}	All	Open Cut	0.51	0	16
121.8	Unknown Rd	Dirt/Gravel ^{1,2,3}	All	Open Cut	0.59	0	10
122.05	Private Rd	Gravel	All	Not Crossed	0.31	0	16
122.36	Private Rd	Dirt	No Ingress / Egress	HDD	0.09	0	16
122.54	Ragsdale Rd	Paved	All-Public	HDD	0.59	0	16
122.58	Old Trail Creek Rd.	Gravel/Paved	All-Public	HDD	1.35	0	16
122.6	State Hwy 62 (Crater Lake Highway)	Paved/Concrete	All-WTC-Public	HDD	0.44	0	10
122.76	2500-3013 Old Ferry Rd	Gravel ^{2,3}	All-WTC	HDD	0.08	0	16
122.99	2500-3013 Old Ferry Rd (BLM 34-1-3.2) (Homesite Spur)	Gravel ^{2,3,4}	All-WTC	Not Crossed	0.18	0.01	16
122.99	2500-3013 Old Ferry Rd	Gravel ^{2,3,4}	All-WTC	Open Cut	0.40	0.01	16
123.08	Old Ferry Rd (BLM 34-1-10)	Gravel ^{2,3,4}	All-WTC	Open Cut	1.40	0.04	14
123.08	Cnty 513 (Old Ferry Rd)	Gravel ^{2,3}	All-WTC-Public	Not Crossed	1.34	0	14
123.08	Old Ferry Rd	Gravel ^{2,3}	All-WTC	Not Crossed	0.34	0	14
124	Flounce Rock Rd (BLM 32-2E-34) (Flounce Rock Comm Site)	Gravel	All	Not Crossed - Comm *	4.58	0	14
124.97 - 125.13	Indian Creek Firebreak (BLM 34-1-23)	Gravel ^{2,3,4}	All	Open Cut	2.17	2.82	10
124.97 - 125.13	Indian Creek Firebreak (BLM 34-1-23)	Gravel	All	Open Cut	0.15	0	16
124.97 - 125.13	Indian Creek Firebreak (BLM 34-1-23)	Gravel	Light	Open Cut	0.09	0	16
125.40 - 125.56	Indian Creek Firebreak (BLM 34-1-23)	Dirt/Rock ^{2,3}	Light	In ROW	0.69	0	10
125.87	Indian Creek Firebreak (BLM 34-1-23)	Dirt/Rock ^{2,3}	Light	Open Cut	0.50	0	10
126.27 - 126.59	Indian Creek Firebreak (BLM 34-1-23)	Dirt/Rock ^{2,3}	Light	Open Cut	0.56	0	10

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
126.59	Unknown Rd (BLM NonInv 34-1E-18.A)	Dirt ^{1,2,3}	All	Open Cut	0.05	0	10
127.3	Indian Creek Firebreak (BLM 34-1-23)	Dirt/Rock ^{2,3,4}	All	Open Cut	1.85	0.66	10
127.3	Indian Lake Reservoir Access	Gravel	All	Not Crossed	0.79	0	10
127.3	Indian View (BLM 34-1E-20)	Dirt/Rock ^{2,3,4}	All	Not Crossed	0.50	0.65	10
127.3	Kleeman Re-Route Road	Dirt ^{2,3,4}	All	Not Crossed	0.59	0.65	0
127.3	Indian Creek Firebreak (BLM 34-1-23)	Dirt/Rock ^{2,3,4}	All	Not Crossed	0.21	0.65	10
128.06 - 128.17	BLM 34-1-23.5	Dirt ^{2,3}	All	In ROW	0.14	0	16
128.38	Unknown Rd	Dirt	No Ingress / Egress	Open Cut	0.02	0	16
129.28	Reese Creek Spur (BLM 034-1E-30.1)	Dirt ^{2,3}	All	Open Cut	0.06	0	14
129.67	Unknown Rd	Dirt ^{2,3}	All	Open Cut	0.05	0	16
129.90	Powerline Rd	Dirt	No Ingress / Egress	Open Cut	0.02	0	16
130.23	Unknown Rd	Dirt ^{2,3}	No Ingress / Egress	Open Cut	0.02	0	16
130.81	Crowfoot Rd	Paved	All-WTC-Public	Open Cut	0.44	0	16
132.47	Hwy 821 (Butte Falls Hwy)	Paved	All-WTC-Public	Open Cut	0.51	0	16
133.34	Private Rd	Gravel ²	All	Open Cut	1.05	0	16
133.38	Unknown Rd	Dirt	No Ingress / Egress	Bore	0.31	0	16
133.47	Medford Aqueduct Access Rd (BLM 34-1E-35)	Dirt ^{2,3}	All	Open Cut	1.69	0	16
133.55	Unknown Rd	Dirt	No Ingress / Egress	Open Cut	0.06	0	16
133.59	Unkonwn Rd.	Dirt	No Ingress / Egress	Open Cut	0.03	0	0
133.98 - 134.14	Unknown Rd	Dirt	Light	Open Cut	0.22	0	16
134.14	Unknown Rd (BLM NonInv 35-1E-11.A)	Dirt ^{2,3}	Light	Not Crossed	1.79	0	16
134.27	Unknown Rd (BLM NonInv 35-1E-2.A)	Dirt ^{2,3}	All	Open Cut	0.24	0	16
134.65	OBENCHAIN R/W (BLM 35-1E-18)	Dirt ^{2,3}	All	Not Crossed	1.74	0	16
134.65	Obenchain R/W (BLM 35-1E-11.1)	Dirt ^{2,3}	All	Open Cut	0.75	0	16
134.65	Obenchain R/W (BLM 35-1E-11.1)	Dirt ^{2,3}	All	Not Crossed	0.32	0	16
134.87	Unknown Rd (BLM NonInv 35-1E-11.B)	Dirt ^{2,3,4}	Light	Open Cut	0.74	0.55	16
134.87	Unknown Rd (BLM NonInv 35-1E-11.B)	Dirt ^{2,3,4}	All	Open Cut	0.24	0.55	16
134.87	Unknown Rd (BLM NonInv 35-1E-11.C)	Dirt ^{2,3}	All	In ROW	0.01	0	16
135.53	Unknown Rd (BLM NonInv 35-1E-11.D)	Dirt ^{2,3,4}	Light	Open Cut	0.08	0.25	16
136.13	Unknown Rd (BLM NonInv 35-1E-11.B)	Dirt ^{2,3,4}	Light	Open Cut	0.87	1.56	16
136.30 - 136.46	Unknown Rd (BLM NonInv 35-1E-14.A)	Dirt ^{2,3,4}	Light	Open Cut	0.38	0.48	16
136.46	Unknown Rd	Dirt ^{2,3,4}	Light	Not Crossed	0.43	0.67	16
136.46	Unknown Rd (BLM NonInv 35-1E-11.B)	Dirt ^{2,3,4}	Light	Not Crossed	0.14	0.34	16
136.84	Geppert Butte Spur W (BLM 35-1E-13.1)	Dirt ^{2,3,4}	Light	Open Cut	0.49	0.79	15

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
137.3	Obenchain Rd	Gravel/Paved ²	All-Public	Open Cut	0.23	0	16
138.08	BLM 35-1E-13	Dirt ^{2,3,4}	All	Not Crossed	0.64	0.40	16
138.08	Terbeck Existing Access	Dirt ^{2,3,4}	All	Open Cut	0.21	0.31	16
138.63	Unknown Rd	Dirt ^{2,3,4}	All	Open Cut	0.22	0.34	16
138.63	BLM 35-1E-13	Dirt ^{2,3,4}	All	Not Crossed	0.61	0.41	16
139.05	BLM 35-1E-13	Dirt ^{2,3,4}	All	Not Crossed	0.42	0.41	16
139.45	BLM 35-1E-13	Dirt ^{2,3,4}	All	Open Cut	0.53	0.40	16
140.31	Unknown Rd	Dirt	No Ingress / Egress	Open Cut	0.05	0	0
140.63	Salt Over Rd (BLM 36-2E-7.1)	Dirt	No Ingress / Egress	Open Cut	0.03	0	0
140.67	Hanscom Driveway (BLM 35-2E-33)	Dirt ^{2,3}	All	Not Crossed	0.42	0	20
140.67	Unknown Rd	Dirt ^{2,3,4}	All	Open Cut	0.84	0.96	20
140.67	Salt Over Rd (BLM 36-2E-7.1)	Dirt ⁴	All	Not Crossed	0.33	0.18	0
141.45 - 141.80	Unknown BLM Rd	Gravel	No Ingress / Egress	In ROW	0.40	0	0
141.8	Salt Creek Access Rd (BLM 36-2E-7)	Paved	All	Open Cut	2.15	0	20
142.09	Unknown Rd	Dirt ^{2,3}	All	Open Cut	0.08	0	16
142.59	Unknown Rd	Dirt ^{2,3}	Light	Open Cut	0.52	0	16
142.8	Unknown Rd	Dirt ^{1,2,3}	No Ingress / Egress	Open Cut	0.12	0	0
143.64	Unknown Rd	Dirt ^{2,3,4}	All	Open Cut	2.37	0.04	16
144.06	Gardner Butte Rd (BLM 36-2E-16)	Dirt ^{1,2,3}	All	Not Crossed	0.14	0	16
144.06	Unknown Rd	Dirt ^{1,2,3}	All	Open Cut	1.18	0	16
144.69	Salt Creek Rd (BLM 36-2E-19)	Dirt	All	Open Cut	1.62	0	14
145.15	Salt Creek Rd (Gardner Road) (BLM 36-2E-19)	Gravel	All	Not Crossed	1.13	0	14
145.2	Private Rd	Gravel	All	Open Cut	0.68	0	16
145.38	Private Rd	Gravel	All	Open Cut	0.53	0	16
145.58	State Hwy 140 (Lake of the Woods)	Paved	All-Public	Bore	2.79	0	16
145.98	Unknown Rd	Dirt ^{2,3}	All	Open Cut	0.07	0	16
146.2	Unknown Rd	Dirt ^{2,3}	All	Open Cut	0.32	0	16
146.81	Hanley South Canal Rd	Dirt ^{2,3}	All	Open Cut	2.62	0	14
147	Private Rd	Gravel	All	Not Crossed	0.06	0	10
147.68	Unknown Rd	Gravel ^{2,3}	All	Open Cut	1.12	0	16
147.76 - 148.00	Unknown Rd	Dirt ^{2,3}	All	Open Cut	0.50	0	10
148	Private Rd	Gravel	All	Not Crossed	0.15	0	10
150.15	Heppsie Mtn B Spur (BLM NonInv 37-2E-2.A)	Gravel	No Ingress / Egress	Open Cut	0.04	0	16
150.22	Heppsie Mtn Quarry Spur	Gravel	No Ingress / Egress	Open Cut	0.09	0	16
150.25	Heppsie Mtn Quarry Spur (BLM 37-2E-1.3)	Gravel	No Ingress / Egress	Open Cut	0.03	0	16

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
150.43 - 150.65	Heppsie Mtn Quarry Spur (BLM 37-3E-6.8)	Gravel	All	Not Crossed	0.86	0	16
150.43 - 150.65	Heppsie Mtn Quarry Spur (BLM 37-2E-1)	Gravel	All	Not Crossed	0.66	0	16
150.43 - 150.65	Heppsie Mtn Quarry Spur (BLM 37-2E-1.3)	Gravel	All	Open Cut	0.52	0	16
150.98 - 151.42	BLM 37-3E-6.10	Dirt ^{2,3}	All	In ROW	0.54	0	16
151.56	BLM 37-3E-6.10	Dirt ^{2,3}	All	Open Cut	0.20	0	14
151.68	Unknown Rd (BLM NonInv 37-3E-6.D)	Dirt ^{2,3}	All	Open Cut	0.08	0	16
151.77	Unknown Rd (BLM NonInv 37-3E-6.C)	Dirt ^{2,3}	All	Open Cut	0.13	0	16
152.06 - 152.14	BLM 37-3E-6.10	Dirt ^{2,3}	All	In ROW	0.42	0	14
152.08 - 152.31	Unknown Rd (BLM NonInv 37-3E-6.A)	Dirt	All	Open Cut	0.12	0	10
152.08 - 152.31	Unknown Rd (BLM NonInv 37-3E-6.B)	Dirt	All	Open Cut	0.11	0	10
152.31	Heppsie Mtn Pond Spur (BLM 37-3E-6.3)	Dirt	All	Open Cut	0.19	0	14
152.38	Heppsie Mtn Stub Spur (BLM 37-3E-6.4)	Dirt	All	Open Cut	0.10	0	14
152.56	Heppsie Mtn Mainline (BLM 36-3E-31)	Gravel ^{2,3}	All	Open Cut	0.21	0	18
152.56	Heppsie Mtn Mainline (BLM 37-3E-31)	Gravel ^{2,3}	All	Open Cut	4.55	0	18
153.52	Heppsie Mtn Ridgetop Spur (BLM 37-3E-5.2)	Dirt ^{2,3}	All	Open Cut	0.17	0	12
155.03	Unknown Rd	Dirt ^{2,3}	All	Open Cut	0.37	0	14
155.45	Unknown Rd	Dirt ^{2,3}	All	Open Cut	0.31	0	14
155.50 - 155.97	FS 2815410	Dirt/Gravel ^{2,3}	Light	In ROW	0.81	0	14
155.50 - 155.97	FS 2815410	Dirt/Gravel ^{2,3}	Light	In ROW	0.63	0	14
155.98	FS 2815415	Dirt	No Ingress / Egress	Open Cut	0.04	0	14
156.32	FS 2815415	Dirt	No Ingress / Egress	Open Cut	0.03	0	14
156.77	FS 2815000	Gravel ^{2,3}	All	Open Cut	2.71	0	16
156.77	Grizzely Rd (FS 2815000)	Gravel ^{2,3}	All	Not Crossed	2.56	0	16
157.40	FS-2815320	Decommissioned ^{2,3}	All	Open Cut	0.07	0	14
157.55	FS-2815300	Gravel ^{2,3}	All	Open Cut	2.69	0	14
158.72 - 159.41	FS 3707500	Gravel ^{2,3}	All	In ROW	1.99	0	16

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
158.72 - 159.41	Candy Bar Rd (FS 3707500)	Gravel ^{2,3}	All	Not Crossed	0.71	0	16
159.99 - 160.62	S. Fk Little Butte Creek Rd (FS 3730000)	Dirt/Gravel ^{2,3}	All	In ROW	1.97	0	20
160	FS 3730050 (Robinson Butte Comm Site)	Gravel	All	Not Crossed - Comm *	1.91	0	16
160	S. Fk Little Butte Creek Rd (FS 3730000)	Dirt/Gravel ^{2,3}	All	Not Crossed	1.50	0	20
160.09	FS 3730180	Dirt	No Ingress / Egress	Open Cut	0.02	0	0
160.41	FS 3730090	Decommissioned	No Ingress / Egress	Open Cut	0.05	0	0
160.59	FS 3730070	Decommissioned	No Ingress / Egress	Open Cut	0.02	0	0
160.62 - 160.73	FS 3700133	Rock ^{2,3}	All	In ROW	0.15	0	14
160.76	Big Elk Cinder Pit (FS 3700134)	Rock ^{2,3}	All	Open Cut	0.48	0	14
160.76 - 160.91	FS 3700130	Gravel ^{2,3}	All	In ROW	0.70	0	18
160.85	FS 3700130	Gravel ^{2,3}	All	Open Cut	0.02	0	18
161	FS 2800705	Gravel	All	Not Crossed	0.86	0	14
161	FS 2800700	Gravel	All	Not Crossed	0.11	0	14
161.26	FS 3700131	Dirt ^{2,3}	All	Open Cut	0.23	0	12
161.41	Big Elk Rd (FS 3700000)	Paved	All	Open Cut	5.07	0	16
161.41	FS 3707000	Gravel (cinder)	All	Not Crossed	3.30	0	16
161.41	Big Elk Rd (FS 3700000)	Gravel ²	All	Not Crossed	3.03	0	16
161.41	Rum Rye Rd (FS 3740000)	Aggregate	All	Not Crossed	1.19	0	0
161.41	Scotch Rd (FS 100)	Aggregate	All	Not Crossed	0.76	0	0
162	FS 2800800	Gravel	All	Not Crossed	0.74	0	18
162.02	FS 3705080 (Decommissioned)	Dirt ⁴	All	Open Cut	0.29	0.49	0
162.26	Unknown Rd	Dirt ^{1,2,3}	All	Not Crossed	0.21	0	0
162.80 - 162.90	FS 3700113	Dirt ^{2,3}	All	In ROW	0.55	0	14
163.14	FS 3700100	Gravel ^{2,3}	All	Open Cut	0.95	0	16
163.14 - 163.21	FS 3700115	Unknown	No Ingress / Egress	In ROW	0.09	0	0
163.79 - 164.21	FS 3720180	Decommissioned	No Ingress / Egress	Open Cut	0.28	0	0
163.95	FS 3720185	Decommissioned	No Ingress / Egress	In ROW	0.01	0	0
164.21 - 165.93	FS 3720000	Gravel ²	All	Open Cut	2.97	0	16
164.3	FS 3720190	Decommissioned	No Ingress / Egress	In ROW	0.04	0	0
164.4	FS 3720200	Decommissioned	No Ingress / Egress	Open Cut	0.03	0	0

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
164.87	Linda Rd	Dirt	All	In ROW	0.00	0	0
165.47	FS 3720480	Decommissioned	No Ingress / Egress	Not Crossed	0.01	0	0
165.68	FS 3705000	Dirt	All	Open Cut	4.49	0	20
165.72	FS 3720500	Gravel ²	All	Not Crossed	0.19	0	16
166.1	Brown Mtn Rd (FS 3720510)	Decommissioned ^{2,3,4}	All	Open Cut	0.31	0.50	14
166.45	FS 3720520	Gravel ^{2,3}	All	Open Cut	0.77	0	16
167.31	Daley Creek Rd (FS 3720000)	Gravel ^{2,3}	All	Open Cut	3.77	0	16
167.51 - 167.69	FS 3720820	Dirt	No Ingress / Egress	Open Cut	0.19	0	0
168.28 - 168.68	West Muddy Springs (FS 3700750)	Gravel ²	All	In ROW	0.96	0	14
168.42	FS 3700754	Dirt	No Ingress / Egress	Open Cut	0.02	0	0
168.84	Dead Indian Memorial Rd	Paved	All-WTC-Public	Not Crossed	2.18	0	10
168.84	Dead Indian Memorial Rd	Paved	All-WTC-Public	Open Cut	0.71	0	10
168.85	FS 3700240	Paved	All	Not Crossed	0.52	0	10
168.92	FS 3800991	Dirt	No Ingress / Egress	Open Cut	0.04	0	0
169.1	FS 3800990	Dirt	No Ingress / Egress	Open Cut	0.03	0	0
169.34	FS 3800996	Dirt	No Ingress / Egress	Open Cut	0.03	0	0
169.48	Unknown Rd	Dirt/Gravel	All	Open Cut	0.07	0	10
169.52 - 187.30	Cnty Rd 603 (Clover Creek Rd)	Paved	All-Public	Not Crossed	21.36	0	10
169.52 - 187.30	Cnty Rd 603 (Clover Creek Rd)	Paved	All-Public	Not Crossed	0.22	0	10
169.75	Unknown Rd	Dirt/Gravel	All	Open Cut	0.04	0	10
170.85	FS 3800960	Dirt ^{2,3}	All	Open Cut	0.03	0	14
170.97	USFS non-system road	Dirt ^{2,3}	All	Open Cut	0.04	0	10
171.09	Spencer Creek Quarry (FS 3800950)	Dirt ^{2,3}	All	Open Cut	0.06	0	14
171.41	Private Rd.	Dirt ^{2,3}	All	Open Cut	0.16	0	16
171.6	FS 3800940	Dirt ^{2,3}	All	Open Cut	0.19	0	16
172.08	FS 3800900	Dirt ^{2,3}	All	Open Cut	0.11	0	14
172.24 - 172.31	FS 3800903	Dirt ^{1,2,3}	All	Open Cut	0.23	0	14
172.57	Desolation (FS 3850000)	Gravel ^{2,3}	All	Open Cut	0.15	0	16
172.8	Unknown Rd	Dirt	All	Open Cut	0.09	0	0
173.02	BLM NonInv 38-5-12	Dirt ^{2,3}	All	Open Cut	0.04	0	16
173.79	FS 3800820	Dirt	All	Open Cut	0.11	0	14
174.17	FS 3800790	Gravel ^{2,3}	All	Open Cut	0.19	0	14

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
174.68	Buck Peak (FS 3852000)	Gravel ^{2,3}	All	Open Cut	0.04	0	16
175.38 - 175.47	3852015	Dirt ^{2,3}	All	Open Cut	0.18	0	16
175.64 - 176.02	Unknown Rd	Dirt	All	In ROW	0.51	0	16
176.36	Private Rd (BLM NonInv 38-6E-21.A) (Closed Berm)	Dirt ^{2,3}	All	Open Cut	0.03	0	16
176.66	N. Clover (BLM 38-6E-21.2)	Rock ^{2,3}	All	Open Cut	0.07	0	14
177.1	Private Rd (BLM NonInv 38-6E-21.B) (Section 21)	Rock ^{2,3}	All	Open Cut	0.03	0	16
177.81	Clover Spur (BLM 38-6E-27.1)	Rock ^{2,3}	All	Open Cut	0.05	0	14
177.99	Rock Rd2 (BLM NonInv 38-6E-21.B) (Section 27)	Rock ^{2,3}	All	Open Cut	0.07	0	16
178.26 - 178.28	Private Rd (BLM NonInv 38-6E-27.A)	Gravel ^{2,3}	All	In ROW	0.39	0	16
178.3	Weyco Clover Spur (BLM 38-6E-27)	Gravel ^{2,3}	All	Open Cut	0.07	0	14
178.76	Private Rd	Rock ^{2,3}	All	Open Cut	0.03	0	16
179.25	S Clover Butte (BLM 38-6E-35.4)	Rock ^{2,3}	All	Open Cut	0.04	0	14
179.81	Clover Butte (BLM 38-6E-35) (FS 3828000)	Rock ^{2,3}	All	Open Cut	0.03	0	14
180.36	206-59 (Private Rd)	Gravel ^{2,3}	All	Open Cut	0.04	0	16
180.79	Private Rd 101-100 (BLM 39-9E-18)	Rock ^{2,3}	All	Not Crossed	0.81	0	16
180.79	Private Rd	Rock ^{2,3}	All	Open Cut	2.08	0	16
181	Private Rd	Dirt ^{2,3}	All	Open Cut	0.03	0	16
181.33	Private Rd	Dirt ^{2,3}	All	Open Cut	0.10	0	16
181.55	Private Rd	Dirt ^{2,3}	All	Open Cut	0.03	0	16
182.13	Private Rd	Gravel (cinder) ^{2,3}	All	Open Cut	0.08	0	16
182.16	Private Rd	Gravel (cinder) ^{2,3}	All	Open Cut	0.45	0	16
182.49	201-50 - Private Rd	Rock ^{2,3}	All	Open Cut	0.03	0	16
182.98	201-50 - Private Rd	Rock ^{2,3}	All	Open Cut	0.38	0	16
183.6	201-50 - Private Rd	Rock ^{2,3}	All	Open Cut	0.30	0	16
183.64	Cnty Rd 3451 (NorthBRanch Rd)	Rock ^{2,3}	All	Open Cut	0.03	0	16
183.79	Unknown Rd	Dirt ^{2,3}	All	Open Cut	0.04	0	16
184.07	Unknown Rd	Dirt/Cinder ^{2,3}	All	Open Cut	0.11	0	16
184.81	Private Rd (200-00)	Gravel ^{2,3}	All	Not Crossed	0.65	0	16
184.81	Private Rd 85105	Gravel ^{2,3}	All	Open Cut	0.05	0	16
184.81	Private Rd UST-100	Gravel ^{2,3}	All	Not Crossed	3.44	0	16
184.81	Hwy 66	Paved	All-Public	Not Crossed	0.47	0	0
184.81	Keno Acces (BLM 39-7E-31)	Paved	All	Not Crossed	0.90	0	22

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
184.81	Private Rd (101-100) (BLM 39-9E-18)	Gravel ^{2,3}	All	Not Crossed	0.42	0	16
184.81	Private Rd	Gravel ^{2,3}	All	Not Crossed	0.10	0	16
184.81	Private Rd (200-01)	Gravel ^{2,3}	All	Not Crossed	0.87	0	16
185.26	Unknown Rd	Gravel (cinder) ^{2,3}	All	Open Cut	0.03	0	16
185.53	Unknown Rd	Gravel (cinder) ^{2,3}	All	Open Cut	0.03	0	10
185.68	Unknown Rd	Gravel (cinder) ^{2,3}	All	Open Cut	0.03	0	16
185.94	Unknown Rd	Dirt ^{2,3}	All	Open Cut	0.03	0	16
186.2	Unknown Rd	Dirt ^{2,3}	All	Open Cut	0.04	0	10
186.75	Unknown Rd	Dirt ^{2,3,4}	All	Open Cut	0.03	0.06	16
187.46	Unknown Rd	Gravel	All	Open Cut	0.10	0	16
187.6	Unknown Rd	Dirt	No Ingress / Egress	Open Cut	0.03	0	0
187.76	Power Line Access Road	Dirt	All	Open Cut	0.68	0	16
187.84	Unknown Rd	Dirt	All	Open Cut	0.05	0	0
188.09	Unknown Rd	Dirt	All	Open Cut	0.10	0	0
188.17	Unknown Rd	Dirt	All	Open Cut	0.27	0	0
188.41	Unknown Rd	Dirt	All	Open Cut	0.06	0	0
188.86	Unknown Rd	Dirt ^{1,2,3}	All	Open Cut	0.55	0	0
188.86	Unknown Rd	Dirt ^{1,2,3}	All	Not Crossed	0.32	0	0
189.56	Unknown Rd	Dirt ^{1,2,3}	All	In ROW	0.76	0	0
189.9	Old Wagon Rd	Dirt	All	Not Crossed	1.17	0	10
190.75	Homestead Ln	Dirt ²	All	Open Cut	0.11	0	16
190.80 - 191.46	Homestead Ln	Dirt ²	All	In ROW	0.66	0	16
191.48	State Highway 66 - Ashland-Klamath Falls Highway	Paved	All-Public	Not Crossed	3.11	0	10
191.48	State Highway 66 - Ashland-Klamath Falls Highway	Paved	All-Public	Bore	2.10	0	10
191.48	State Highway 66 - Ashland-Klamath Falls Highway	Paved	All-Public	Not Crossed	0.89	0	10
192.57 - 197.61	Weyerhaeuser Timber Company Rd	Paved ²	All	In ROW	2.37	0	16
192.57 - 197.61	Weyerhaeuser Timber Company Rd	Paved ²	All	Open Cut	3.09	0	16
194.52	Kerns Swamp Rd	Gravel ²	All	Open Cut	0.18	0	16
195.14	Unknown Rd	Dirt	All	Open Cut	0.04	0	10
197.57	Weyerhaeuser Timber Company Rd	Paved ²	All	Not Crossed	0.24	0	16
197.61	Weyerhaeuser Corp Rds	Paved	All	Open Cut	0.20	0	16
197.7	Weyerhaeuser Corp Rd	Paved	All	Open Cut	0.24	0	16

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
198.22 - 198.44	Weyerhaeuser Corp Rd	Paved	All	Open Cut	1.33	0	16
198.4	Unknown Rd	Paved	All	Not Crossed	0.01	0	16
198.42 - 199.00	Weyerhaeuser Corp Rds	Gravel	All	In ROW	0.73	0	16
199.05	Unknown Industrial Rd	Dirt	All	Not Crossed	0.47	0	0
199.19	Unknown Industrial Rd	Gravel	All	Not Crossed	0.93	0	16
199.28	BN & SF Railroad	Rails	RR	HDD	0.26	0	0
199.57	US 97	Paved	All-Public	HDD	0.92	0	10
199.6	Private Rd	Gravel	All	Not Crossed	0.04	0	16
200.07	Southern Pacific Railroad	Rails	RR	Bore	1.55	0	0
200.35	Joe Wright Rd	Paved	All-Public	Open Cut	1.12	0	16
201	Midland Hwy 420 (Tingley Ln)	Paved	All-Public	Bore	0.64	0	10
201	Cnty Rd 528 (Tingley Ln)	Paved	All-Public	Bore	0.14	0	10
201.49	Miller Island Rd/Drway	Gravel ²	All	Open Cut	0.53	0	16
202.92 - 203.61	Unknown Rd	Dirt	No Ingress / Egress	In ROW	0.66	0	0
203.76	Unknown Rd	Dirt	No Ingress / Egress	Open Cut	0.03	0	0
203.97	Old Midland Rd/Driveway	Paved	All-Public	Open Cut	1.53	0	10
204.13	Old Midland Rd (C-4 Lateral) (BOR 735)	Dirt ²	All	Open Cut	0.23	0	16
204.32	Road on Levee (C-4-F Lateral) (BOR 736)	Dirt ²	All	Open Cut	0.13	0	16
204.65	Cnty Rd 876A (Spring Lake Rd)	Paved	All-Public	Open Cut	0.51	0	10
204.75	Pring Lake Rd (3 Drain) (BOR 737)	Dirt ²	All	Bore	0.14	0	16
204.99	Existing Field/Canal Rd (C-4-D Lateral) (BOR 738)	Dirt ²	All	Not Crossed	0.21	0	16
205.07	Existing Field/Canal Rd (C-4-D Lateral) (BOR 738)	Dirt ²	All	Not Crossed	0.17	0	16
205.50	Existing Field Rd (C-4-C Lateral) (BOR 739)	Dirt ²	All	Bore	0.15	0	16
205.64	Existing Field Rd (C-4-C Lateral) (BOR 739)	Dirt ²	All	Open Cut	0.16	0	16
205.72	Cnty Rd 830 (Homedale Rd)	Paved	All-Public	Open Cut	1.01	0	10
205.97	Road on Levee	Dirt	No Ingress / Egress	Bore	0.02	0	0
206.5	Cross Rd	Paved	All-Public	Bore	1.00	0	10
207.27	Cnty Rd 889 (Matney Rd)	Paved	All-Public	Bore	1.51	0	10
207.41	Cnty Rd 962 (Levee Rd)	Gravel ²	All-Public	Bore	0.16	0	16
207.7	Unknown (Matney Rd)	Gravel ²	All	Not Crossed	0.18	0	16
207.98	Road on Levee (5-A Drain) (BOR 742)	Dirt ²	All	Not Crossed	0.15	0	16
208.00	Road on Levee (BOR 742)	Dirt ²	All	Not Crossed	0.02	0	16
208.17	Unknown Rd	Dirt	No Ingress / Egress	Bore	0.03	0	0

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
208.18	Road on Levee (5-A Drain)	Dirt/Gravel ²	All	Bore	0.18	0	16
208.72	Unknown Rd	Dirt ²	All	Not Crossed	0.13	0	16
208.78	Southern Pacific Railroad	Rails	RR	Bore	6.63	0	0
208.8	State Hwy 39 (Klamath Falls - Malin Highway)	Paved	All-Public	Bore	5.48	0	10
209.00	2k (BLM 40-10E-3) (Stukel Mountain Comm Site)	Gravel	All	Not Crossed - Comm *	1.71	0	14
209.00	Stukel Quarry Access (BLM 40-10E-5)(Stukel Mountain Comm Site)	Gravel	All	Not Crossed - Comm *	4.73	0	14
209.00	Relay Station (BLM 40-10E-10) (Stukel Mountain Comm Site)	Gravel	All	Not Crossed - Comm *	0.22	0	14
209.04	Cheyne/Elliot Rd	Paved	All	Bore	0.09	0	0
209.14	Matney Rd - Zuckerman Rd	Paved	All-Public	Bore	0.41	0	0
210.16	Cnty Rd 918 (Wong Rd)	Paved	All-Public	Bore	0.91	0	16
210.27	Road on Levee (BOR 743)	Dirt ²	All	Bore	0.26	0	16
210.63	Cnty Rd 982 (Chin Rd)	Gravel ²	All-Public	Open Cut	0.32	0	16
210.86	17987 Hwy 39 (5-H Drain) (BOR 744)	Gravel ²	All	Bore	0.04	0	16
211.2	18191 Hwy 39 (5-H Drain) (BOR 745)	Gravel ²	All	Open Cut	0.06	0	16
211.53 - 211.86	Cnty Rd 988 (IO of Cemetery Rd)	Gravel ²	All-Public	Not Crossed	0.71	0	16
211.86	Private Rd	Dirt ²	All	Open Cut	0.04	0	16
212.52	Burlington Northern & Santa Fe RR	Rails	RR	Bore	1.29	0	0
212.94	Gaston Driveway (off Hill Rd) (BOR 746)	Gravel ²	All	Open Cut	0.36	0	16
213.86	Road on Levee	Dirt	All	Bore	0.27	0	0
214.07	Powerline Access Rd	Dirt	All	Open Cut	0.60	0	16
214.07	Cnty Rd 566 (Hill Rd)	Paved	All-Public	Open Cut	1.83	0	10
214.7	Private Drive (G-3 Lateral) (BOR 747)	Gravel ²	All	Not Crossed	0.23	0	16
215.05	Unknown Rd	Dirt ²	All	Open Cut	0.11	0	16
215.13	Unknown Rd	Dirt	No Ingress / Egress	Open Cut	0.03	0	0
215.39 - 215.65	Powerline Access Rd	Dirt	All	Open Cut	2.41	0	16
215.72	Taylor Rd	Dirt	All	Not Crossed	0.38	0	10
217.5	Unknown Rd	Dirt ²	All	Open Cut	0.43	0	16
217.54	Dodds Hollow Rd	Gravel ²	All-Public	Open Cut	0.62	0	16
217.54	Unknown Rd	Dirt ²	All	Open Cut	0.04	0	16
217.67	Dodds Hollow Rd	Gravel ²	All-Public	Open Cut	1.31	0	16
218.34	Unknown Rd	Gravel ²	All	Open Cut	0.18	0	16

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
218.84	Pope Rd	Dirt/Paved/Gravel _{2,3}	All-Public	Open Cut	3.09	0	16
218.84 - 218.96	Private Rd	Gravel ²	All	Not Crossed	0.12	0	16
218.96 - 219.98	Powerline Access Rd	Dirt ²	All	Open Cut	1.12	0	16
219.34	Unknown Rd	Dirt ^{1,2,3}	All	Open Cut	0.50	0	16
219.59	Unknown Rd	Dirt ^{1,2,3}	All	Not Crossed	0.18	0	16
219.59	Unknown Rd	Dirt ^{1,2,3}	No Ingress / Egress	Open Cut	0.03	0	16
219.66	Unknown Rd	Dirt ^{1,2,3}	All	Open Cut	0.09	0	16
220.67	Unknown Rd	Dirt	All	Not Crossed	0.43	0	0
221.14	Unknown Rd	Dirt	All	Open Cut	0.11	0	0
221.35	Unknown Rd	Dirt	All	Not Crossed	0.03	0	0
221.86	Unknown Rd	Dirt	All	Open Cut	0.13	0	0
221.92	Harpold Rd	Paved	All-Public	Not Crossed	0.85	0	10
221.92	Harpold Rd	Paved	All-Public	Open Cut	0.80	0	10
221.92	Unknown Rd	Dirt	All	Not Crossed	1.17	0	0
221.92	Unknown Rd	Dirt	All	Not Crossed	0.90	0	0
223.1	Unknown Rd	Dirt	All	Not Crossed	0.50	0	0
224.42	Unknown Rd	Dirt	All	Open Cut	0.29	0	0
224.44	30083 Pickett	Dirt/Gravel ²	All	Not Crossed	0.75	0	16
224.61	Unknown Rd	Dirt	All	Open Cut	0.36	0	0
225.14	Pickett Rd	Paved	All-Public	Not Crossed	2.79	0	16
225.35	Unknown Rd	Dirt	All	Open Cut	0.67	0	16
225.64	Unknown Rd	Dirt ²	All	Open Cut	0.59	0	16
226.02	Maupin Rd	Paved	All-Public	Open Cut	2.40	0	16
226.03	Unknown Rd	Dirt	All	Not Crossed	0.33	0	16
226.37	Unknown Rd	Dirt	All	Open Cut	0.56	0	16
226.4	Unknown Rd	Dirt	All	Not Crossed	0.50	0	16
226.74	Unknown Rd	Dirt	All	Not Crossed	0.72	0	0
226.74	Unknown Rd	Dirt	All	Not Crossed	0.07	0	0
227.03	Transformer Rd	Paved	All-Public	Not Crossed	0.75	0	16
227.03	Transformer Rd	Paved	All	Not Crossed	0.25	0	16
227.7	More Lock Rd	Gravel	All	Not Crossed	0.54	0	16
227.74	More Lock Rd	Gravel	All	Not Crossed	0.13	0	16
227.77	Unknown Rd	Dirt	All	Open Cut	1.03	0	0
227.88	More Lock Rd	Gravel ²	All-Public	Not Crossed	0.25	0	16
228.33	Unknown Rd	Dirt	All	Open Cut	0.66	0	0

Milepost	Name	Surface	Ingress/Egress ⁵	Crossing Method	Length	Acres Improved	Ave. Width
228.36	Malin Loop Rd	Paved	All-Public	Not Crossed	0.50	0	16
228.6	Unknown Rd	Dirt	All	Open Cut	0.44	0	0
228.8	Unknown Rd	Dirt	All	Open Cut	0.15	0	0
228.8	Unknown Rd	Dirt	All	Not Crossed	0.37	0	0
	Cnty Rd 95 (Starvout Creek Rd) (Starvout Creek (King Mountain) Comm Site)	Bituminous	All-Public	Not Crossed - Comm *	2.16	0	0
	Upper Cow Creek Rd (Starvout Creek (King Mountain) Comm Site)	Bituminous	All-Public	Not Crossed - Comm *	0.85	0	0
	Unknown Rd (Starvout Creek (King Mountain) Comm Site)	Gravel	All	Not Crossed - Comm *	1.32	0	0
	N King Mtn (BLM 32-4-33) (Starvout Creek (King Mountain) Comm Site)	Gravel	All	Not Crossed - Comm *	2.01	0	0
	Starveout Crk (BLM 32-4-20) (Starvout Creek (King Mountain) Comm Site)	Aggregate	All	Not Crossed - Comm *	4.05	0	0
	Unknown Rd (Sheep Hill MW Comm Site)	Dirt/Gravel	All	Not Crossed	1.82	0	0
Total Acres of Road Improvements						22.52	
¹ Requires pothole filing. ² Requires blading/grading. ³ Requires brush limbing. ⁴ Requires widening and/or turnouts. ⁵ The type of equipment which will use the access roads is represented in the Ingress/Egress column with "All" meaning both heavy and light equipment; "All-WTC" meaning heavy and light with traffic control; and "Light" meaning light duty trucks and low profile equipment.							