

Lower Cowlitz River and Floodplain Habitat Restoration Project Siting and Design Final Project Ranking - Revised February 2008*.

Project ID	Project Name	Pop/Reach Score	PAR Score	Raw Benefit Score	Normalized Benefit Score	Cost	Cost/Benefit	Cost Score	Total Benefit Score	Benefit Ranking	Certainty of Success	Overall Priority Grouping
42.5L	Bar and side-channel enhancement	23.5	12.00	35.50	36.00	\$150,000	\$4,225	15	51.00	H	H	1
T9	Tributary enhancement/side-channel restoration	15	6.00	21.00	21.00	\$425,000	\$20,238	11	32.00	H	H	1
T9A	Riparian/floodplain acquisition	15	3.00	18.00	18.00	\$200,000	\$11,111	14	32.00	H	H	1
T1	Riparian restoration/Noxious weed removal	33	253.20	286.20	85.00	\$750,000	\$2,621	15	100.00	H	M	2
32.0L	Channel migration zone easement	24.5	14.15	38.65	39.00	\$450,000	\$11,643	13	52.00	H	M	2
T3.2R	Reconnect off-channel ponds	21	9.00	30.00	30.00	\$100,000	\$3,333	15	45.00	H	M	2
49.5L	Side-channel restoration and enhancement	21.5	9.00	30.50	31.00	\$600,000	\$19,672	12	43.00	H	M	2
40.1L	Side-channel restoration and enhancement	20.5	49.80	70.30	85.00	\$1,000,000	\$14,225	13	98.00	M	H	3
38-40A	Channel migration zone easement	20.5	44.00	64.50	65.00	\$5,000,000	\$77,519	6	71.00	M	H	3
T3	Culvert replacement	11	40.2	51.20	52.00	\$250,000	\$4,883	15	67.00	M	H	3
37.5R	Side-channel restoration and enhancement	20.5	15.00	35.50	36.00	\$350,000	\$9,859	15	51.00	M	H	3
T2	Culvert replacement	8	24.12	32.12	33.00	\$300,000	\$9,340	15	48.00	M	H	3
42.7R	Bar and side-channel enhancement	22.5	9.00	31.50	32.00	\$300,000	\$9,524	15	47.00	M	H	3
47.0L	Side-channel acquisition	22.5	8.00	30.50	31.00	\$200,000	\$6,557	15	46.00	M	H	3
36.0R	Side-channel restoration and enhancement	20.5	12.00	32.50	33.00	\$500,000	\$15,385	12	45.00	M	H	3
34.5L	Gravel mined floodplain restoration	20.5	43.92	64.42	65.00	\$2,500,000	\$38,808	9	74.00	M	M	4
37.5L	Side-channel restoration and enhancement	20.5	24.00	44.50	45.00	\$500,000	\$11,236	14	59.00	M	M	4
34.5A	Gravel mine acquisition	20.5	24.00	44.50	45.00	\$800,000	\$17,978	13	58.00	M	M	4
1.0L	Side-channel restoration and enhancement	19.5	18.60	38.10	39.00	\$800,000	\$20,997	12	51.00	M	M	4
23.2R	Bar and side-channel enhancement	19.5	15.00	34.50	35.00	\$450,000	\$13,043	13	48.00	M	M	4
0.5R	Riparian restoration	19.5	16.20	35.70	36.00	\$750,000	\$21,008	12	48.00	M	M	4
44.5R	Bar and side-channel enhancement	22.5	9.00	31.50	32.00	\$150,000	\$4,762	15	47.00	M	M	4
46.5R	Side-channel restoration and enhancement	22.5	8.01	30.51	31.00	\$400,000	\$13,110	13	44.00	M	M	4
30.5R	Bar and side-channel enhancement	19.5	6.00	25.50	26.00	\$175,000	\$6,863	15	41.00	M	M	4
30.7L	Bar and side-channel enhancement	19.5	6.00	25.50	26.00	\$200,000	\$7,843	15	41.00	M	M	4
24.0L	Tributary enhancement	8	16.40	24.40	25.00	\$150,000	\$6,148	15	40.00	M	M	4
36.5L	Gravel mined floodplain restoration	20.5	12.15	32.65	33.00	\$2,000,000	\$61,256	6	39.00	M	M	4
T10	Stream channel habitat enhancement	8	13.36	21.36	22.00	\$350,000	\$16,386	12	34.00	M	M	4
T6	Riparian restoration/Noxious weed removal	15	84.40	99.40	85.00	\$750,000	\$7,545	15	100.00	L	M	5
42.0R	Tributary enhancement	7	46.70	53.70	54.00	\$300,000	\$5,587	15	69.00	L	H	5
C4.0B	Instream enhancement	15.5	31.50	47.00	47.00	\$350,000	\$7,447	15	62.00	L	M	5
16.0R	Bar and island enhancement	18.5	27.00	45.50	46.00	\$500,000	\$10,989	14	60.00	L	L	5
14.5R	Side-channel restoration and enhancement	18.5	27.00	45.50	46.00	\$750,000	\$16,484	12	58.00	L	M	5
9.0L	Dredged materials removal	18.5	28.50	47.00	47.00	\$2,000,000	\$42,553	8	55.00	L	L	5
14.0L	Side-channel restoration and enhancement	18.5	22.43	40.93	41.00	\$750,000	\$18,324	12	53.00	L	L	5
25.0B	Side-channel restoration and enhancement	18.5	21.48	39.98	40.00	\$500,000	\$12,506	13	53.00	L	L	5
33.0B	Channel migration zone easement	20.5	14.70	35.20	36.00	\$350,000	\$9,943	15	51.00	M	L	5
18.8R	Floodplain restoration	18.5	18.00	36.50	37.00	\$500,000	\$13,699	13	50.00	L	L	5
31.5R	Bar and side-channel enhancement	24.5	7.47	31.97	32.00	\$250,000	\$7,820	15	47.00	H	L	5
T5	Culvert replacement	7	24.12	31.12	32.00	\$250,000	\$8,033	15	47.00	L	H	5
11.2L	Bar and island enhancement	18.5	12.00	30.50	31.00	\$250,000	\$8,197	15	46.00	L	M	5
3.0L	Riparian restoration	18.5	21.00	39.50	40.00	\$3,000,000	\$75,949	6	46.00	L	L	5
T8	Culvert replacement	7	24.10	31.10	32.00	\$500,000	\$16,077	12	44.00	L	H	5
12.5L	Side-channel restoration and enhancement	18.5	12.00	30.50	31.00	\$400,000	\$13,115	13	44.00	L	M	5
15.0L	Bar and island enhancement	18.5	12.00	30.50	31.00	\$450,000	\$14,754	12	43.00	L	L	5
32.5R	Bar and side-channel enhancement	20.5	7.47	27.97	28.00	\$300,000	\$10,726	14	42.00	M	L	5
9.7R	Bar and island enhancement	18.5	9.00	27.50	28.00	\$250,000	\$9,091	14	42.00	L	L	5
18.0L	Side-channel restoration and enhancement	18.5	9.00	27.50	28.00	\$300,000	\$10,909	14	42.00	L	L	5
28.0L	Gravel mined floodplain restoration	18.5	14.64	33.14	34.00	\$1,500,000	\$45,263	8	42.00	L	L	5

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C3.5R	Side-channel restoration and enhancement	15.5	12.00	27.50	28.00	\$350,000	\$12,727	13	41.00	L	H	5
41.9R	Bank enhancement	21.5	6.00	27.50	28.00	\$400,000	\$14,545	13	41.00	H	L	5
16.7L	Bar and island enhancement	18.5	9.00	27.50	28.00	\$525,000	\$19,091	12	40.00	L	M	5
27.7R	Side-channel restoration and enhancement	18.5	6.00	24.50	25.00	\$250,000	\$10,204	14	39.00	L	M	5
23.0L	Off-channel and floodplain restoration	18.5	12.00	30.50	31.00	\$1,000,000	\$32,787	8	39.00	L	M	5
24.5L	Riparian restoration	19.5	7.50	27.00	27.00	\$750,000	\$27,778	11	38.00	M	L	5
9.0L-A	Tributary enhancement	13	10.00	23.00	23.00	\$150,000	\$6,522	15	38.00	H	L	5
25.0A	Channel migration zone easement	18.5	10.00	28.50	29.00	\$1,000,000	\$35,088	9	38.00	L	L	5
41.0L	Riparian restoration	22	3.47	24.97	25.00	\$400,000	\$16,019	12	37.00	H	L	5
7.3R	Riparian restoration	18.5	6.00	24.50	25.00	\$400,000	\$16,327	12	37.00	L	L	5
10.5L	Riparian restoration	18.5	10.50	29.00	29.00	\$1,300,000	\$44,828	8	37.00	L	M	5
27.7L	Side-channel restoration and enhancement	18.5	3.90	22.40	23.00	\$300,000	\$13,393	13	36.00	L	L	5
16.8R	Tributary enhancement	13.0	12.00	25.00	25.00	\$650,000	\$26,000	11	36.00	H	L	5
9.8L	Riparian restoration	18.5	6.00	24.50	25.00	\$750,000	\$30,612	10	35.00	L	L	5
17.0L	Riparian restoration	18.5	3.96	22.46	23.00	\$600,000	\$26,714	11	34.00	L	M	5
13.5L	Riparian restoration	18.5	6	24.50	25.00	\$900,000	\$36,735	9	34.00	L	M	5
12.5R	Riparian restoration	18.5	7.00	25.50	26.00	\$1,000,000	\$39,216	8	34.00	L	M	5
8.5R	Riparian restoration	18.5	6.00	24.50	25.00	\$1,000,000	\$40,816	9	34.00	L	L	5
26.0L	Riparian restoration	18.5	3.47	21.97	22.00	\$750,000	\$34,137	11	33.00	L	M	5
T0.2R	Dredged materials removal	21	6.00	27.00	27.00	\$2,500,000	\$92,593	6	33.00	H	L	5
17.0R	Riparian restoration	18.5	2.48	20.98	21.00	\$500,000	\$23,832	11	32.00	L	M	5
18.5L	Dredged materials removal	18.5	7.50	26.00	26.00	\$2,500,000	\$96,154	6	32.00	L	L	5
T14	Riparian restoration	7	10.00	17.00	17.00	\$100,000	\$5,882	14	31.00	L	L	5
22.2L	Dredged materials removal	18.5	4.50	23.00	23.00	\$1,500,000	\$65,217	7	30.00	L	L	5
4.5R	Riparian restoration	18.5	2.20	20.70	21.00	\$900,000	\$43,478	8	29.00	L	L	5
19.8L	Dredged materials removal	18.5	9.00	27.50	28.00	\$8,500,000	\$309,091	1	29.00	L	L	5
T7	Riparian restoration	7	9.48	16.48	17.00	\$250,000	\$15,170	12	29.00	L	M	5
T13	Culvert replacement	7	5.4	12.40	13.00	\$50,000	\$4,032	15	28.00	L	M	5
T15	Culvert replacement	7	8.00	15.00	15.00	\$250,000	\$16,667	12	27.00	L	H	5
20.2L	Floodplain restoration	18.5	3.60	22.10	23.00	\$3,000,000	\$135,747	3	26.00	L	L	5
T4	Riparian restoration	7	2.90	9.90	10.00	\$100,000	\$10,101	14	24.00	L	L	5
T12	Culvert replacement	7	5.40	12.40	13.00	\$500,000	\$40,323	9	22.00	L	H	5
T11	Culvert replacement	7	5.4	12.40	13.00	\$1,000,000	\$80,645	6	19.00	L	H	5

Original highest ranked projects

Revised additional highest ranked projects (12/07)

* Scoring was revised Feb 2008 due to errors found in the underlying EDT results. Project scoring listed here may not match that in the final report.