

Appendix 3: Lower Salt Creek Main Stem Priority Sites

SITEID	River	RIVER_MIL	LATITUDE	LONGITUDE	FIBI	MIBI	QHEI	High_influ	GRADIENT	SUBSTRATI	CHANNEL	POOL	RIFFLE	RIPARIAN	LOGDRAIN	SUMURB	RESPK2	SILTCOVER	CURRENT	TP	NH3	NOX	TKN
SC29	Salt Creek	0.5	41.8199	-87.839	21.5	17.51	77	0	6.5	16	13	11	7	4	2.17277	66.27	-0.05879	0.88	5	0.51	0.16	1.82	1.88
SC54	Salt Creek	3	41.8456	-87.852	22	55.14	79	0	6.5	16	11	12	5	8	2.16251	66.27	-0.06363	0.75	5	0.53	0.18	1.18	1.69
SC49	Salt Creek	8	41.826	-87.9001	23.5	44.93	87.5	0	6	17.5	14	12	7	7	2.06917	62.46	-0.0982	0.38	5	0.52	0.18	1.31	1.66
SC52	Salt Creek	10.5	41.8206	-87.9264	28	43.05	82.5	0	7.2	18	14.5	12	7	5	2.06115	62.46	-0.10171	0.75	5	0.53	0.19	1.47	1.95
SC53	Salt Creek	11	41.8254	-87.9314	19	17.4	39.5	2	7.2	2	3	5	0	7.5	2.06037	63.43	-0.10121	0.63	5	0.48	0.21	1.56	1.24
SC56	Salt Creek	12.5	41.8356	-87.9422	18.5	17.92	40.5	1	3.8	3	3	7	0	5.5	2.04422	63.52	-0.10533	0.75	5	0.60	0.15	1.79	1.46

Appendix 3: Lower Salt Creek Main Stem Priority Sites

SC55	Salt Creek	13.5	41.8474	-87.9364	17.5	21.87	47.5	2	3.8	8	5	7	0	4.5	2.01829	64.29	-0.11393	0.25	2	0.48	0.13	2.00	0.96
SC57	Salt Creek	16.5	41.8742	-87.956	14	41.02	71.5	1	4.61	14.5	9	11	7	7	1.96879	62.8	-0.01903	0.25	4	0.50	0.16	1.80	1.16
SC51	Salt Creek	17	41.8797	-87.9582	12.5	37.28	74.5	0	5.4	14.5	13	12	7	5	1.96805	62.79	-0.0146	0.75	4	0.57	0.19	1.53	1.80
SC37	Salt Creek	17.5	41.8852	-87.9598	15.5	38.95	76.5	0	5.4	15.5	15	11	7	3	1.96519	62.79	-0.01226	0.75	5	0.80	0.17	1.71	1.25
SC38	Salt Creek	18	41.895	-87.9636	16	39.22	84	0	5.4	18	13	13	7	8	1.94821	62.79	-0.00926	0.75	5	0.40	0.15	1.41	1.00
SC39	Salt Creek	20.5	41.9201	-87.9728	23	39.39	74	0	5.42	13	15	9	3	9	1.93019	62.79	-0.00025	0.63	5	0.43	0.19	1.52	1.55
SC23	Salt Creek	22.5	41.9384	-87.9855	21.5	41.08	71	0	3.5	15	14	10	2.5	7.5	1.91769	62.79	0.01842	0.63	5	0.62	0.23	1.93	1.48
SC35	Salt Creek	23	41.9462	-87.9822	19	33.48	46.5	2	3.5	6.5	7	7	0	4	1.88035	59.45	0.02369	0.5	4	0.33	0.16	1.90	1.66
SC34	Salt Creek	23.5	41.9519	-87.9863	21	44.55	54	1	3.5	13.5	7	9	0.5	3	1.87801	59.45	0.03504	0.5	5	0.35	0.17	1.67	1.61

Appendix 3: Lower Salt Creek Main Stem Priority Sites

SC40	Salt Creek	24.5	41.963	-87.9841	14.67	43.15	63.5	0	3.63	13.5	9	10	3	5	1.87322	59.45	0.04438	0.5	5	0.27	0.14	1.86	1.31
SC41	Salt Creek	25	41.9708	-87.9884	13.67	46.45	58.5	0	3.5	12	9	9	0.5	6	1.86677	59.45	0.05009	0.5	5	0.20	0.17	1.33	1.46
SC42	Salt Creek	27	41.9925	-87.995	18	42.11	67.5	0	3.5	16	11	7	2.5	7	1.71102	59.99	0.06658	0.5	5	0.20	0.14	1.54	1.12
SC43	Salt Creek	29	42.012	-88.0011	18.5	29.71	47	2	7.2	7.5	6.5	9	2.5	4.5	1.69365	59.68	0.07567	0.75	5	0.18	0.14	1.51	1.47

Appendix 3: Lower Salt Creek Main Stem Priority Sites

TDS	BOD	TSS	N_P_Ratio	pH	Chloride	Number_o	Number_o	Percent_Tc	Percent__1	Percent_O	Percent_of	Percent_Pi	Percent_si	Number_o	Site_excee	Site_exc_1	Site_exc_2	Site_less	Site_les_1	Site_les_2	Site_les_3	Site_les_4	Raw_Restc
463.16	2.92	12.00	8.21	7.75	126.76	2	3	80.03	2.85	69.54	2.0151	56.67	18.59	1	1	1	0		1				3
493.56	3.11	20.59	5.40	7.63	137.52	2	3.5	72.57	0.4	55.3	3.9453	57.19	4.16	1	1	1	0						2
483.39	2.56	26.27	6.22	7.61	138.89	1.33	2.33	80.69	0.38	59.69	3.7138	36.02	30.88	0.67	1	1	0						2
467.07	2.96	23.02	7.15	7.61	135.44	2	4	47.93	5.08	55.75	3.8201	33.01	10.23	0.5	1	1	0						2
488.97	4.14	18.92	7.12	7.54	139.37	0	4.5	27.06	6.21	21.13	1.6529	18.1	0.21	0	1	1	0	1	0	1	1	1	6
504.00	2.83	22.69	7.25	7.52	143.00	0	3.5	47.68	8.25	41.1	4.1854	27.85	2.38	0	1	1	0	1	0	1	1	1	6

Appendix 3: Lower Salt Creek Main Stem Priority Sites

508.23	3.50	13.32	8.14	7.64	143.52	0	4	59.06	4.14	40.54	6.0274	35.65	2.93	0	0	0	0	1	0	1	1	1	4
458.17	3.95	30.54	8.73	7.43	114.89	0	3	78.23	0.92	73.97	1.4609	64.05	6.28	0	1	1	0	0	1	1			4
509.82	3.33	29.22	6.30	7.58	139.64	0	2	82.25	0.19	79.02	2.0993	60.54	15.11	0	1	1	0	0	1				3
475.13	3.33	16.17	6.80	7.55	119.77	0	3	68.87	0.19	62.7	1.5111	54.18	8.51	0	1	1	0	1					3
495.90	3.98	28.12	9.82	7.74	137.85	0.5	3	68.22	1.1	63.98	3.2855	46.5	10.65	0	1	0	0	0					1
528.47	3.61	18.85	9.38	7.74	146.33	0	5	35.75	3.02	29.23	2.4643	26.69	3.05	0	1	1	0	0	1				3
544.16	4.58	20.34	8.23	7.56	141.86	0	5	33.02	3.21	28.05	4.5454	20.96	4.65	0	1	1	0	1	0				3
490.30	3.62	19.30	18.59	7.67	138.53	0	4.5	56.19	3.21	27.2	7.4488	41.17	4.43	0	1	1	0	1	1	1	1	1	7
497.44	3.11	15.40	15.68	7.64	142.83	0	4.5	58.93	4.19	41.62	6.6231	40.42	8.54	0	1	1	0	1	1	1	1	1	6

Appendix 3: Lower Salt Creek Main Stem Priority Sites

502.02	3.64	12.78	17.78	7.70	142.63	0	0	0	100	0	0	0	0	0	0	1	1	0	0	1	1	4
501.38	4.92	17.49	13.95	7.56	136.40	0	3	40.55	2.37	33.93	1.4706	22.53	6.39	0	1	1	0	1	0	1	1	5
520.58	2.56	12.38	18.85	7.37	150.58	0	2	64.26	2.55	58.72	0.8511	21.7	11.91	0	1	1	0	1	0	0	1	5
535.76	3.57	12.45	23.15	7.32	153.20	0	4	53.3	5.73	48.26	1.8934	13.2	11.38	0	1	1	0	1	0	1	1	6

Appendix 3: Lower Salt Creek Main Stem Priority Sites

Restorabil	Restorab_1	Biological	Biologic_1	Deviation	Deviatio_1	Percent_ur	Percent__1	Percent_O	Room_to_	GRADEx	Total_Rest	Restoratio	Dam	PAHs_TEL	PAHs_PEL	Metals_TEL	Pesticides	Pesticid_1
2.5	2	21	3	-19	-42	0.9665	0.0336	0.0555	6	11	11	4	0	12	6	0	0	0
2.5	2	21	3	-18	-5	0.9225	0.0774	0.0555	6	11	11	4	0	0	0	0	0	0
2	2	15.1	1	-17	-15	0.8679	0.1321	0.22505	4	7	3	1	-4	0	0	0	0	0
2	2	15	1	-12	-17	0.6821	0.318	0.22505	4	7	3	1	-4	0	0	0	0	0
6	5	31.8	5	-21	-43	0.3796	0.6204	0.6204	2	12	8	2	-4	0	0	0	0	0
6	5	31.8	5	-22	-42	0.3089	0.6911	0.6911	2	12	8	2	-4	10	4	0	3	1

Appendix 3: Lower Salt Creek Main Stem Priority Sites

4	4	30.3	4	-23	-38	0.0332	0.9668	0.9668	1	9	9	2	0	0	0	0	0	0
4	4	22.5	3	-26	-19	0.9784	0.0216	0.0216	6	13	13	5	0	0	0	0	0	0
2.6	2	21.4	3	-28	-23	0.9373	0.0628	0.1911	4	9	9	3	0	0	0	0	0	0
2.6	2	21.4	3	-25	-21	0.6837	0.3164	0.1911	4	9	9	3	0	10	5	1	0	0
2.6	2	21.4	3	-24	-21	0.5147	0.4854	0.1911	4	9	9	3	0	0	0	0	0	0
2.6	2	21.4	3	-17	-21	0.9091	0.0909	0.1911	4	9	9	3	0	0	0	0	0	0
2.6	2	21.4	3	-19	-19	1	0	0.1911	4	9	9	3	0	0	0	0	0	0
5.5	5	20.5	2	-21	-27	0.6837	0.3164	0.4791	3	10	9	3	-1	10	0	0	0	0
5.5	5	20.5	2	-19	-15	0.8937	0.1064	0.4791	3	10	9	3	-1	0	0	0	0	0

Appendix 3: Lower Salt Creek Main Stem Priority Sites

5.5	5	20.5	2	-25	-17	0.1707	0.8292	0.4791	3	10	9	3	-1	0	0	0	0	0
5.5	5	20.5	2	-26	-14	0.3357	0.6644	0.4791	3	10	9	3	-1	10	2	0	0	0
5.5	5	23	3	-22	-18	0.7979	0.2022	0.1543	5	13	12	4	-1	10	5	1	1	0
5.5	5	23	3	-22	-30	0.8937	0.1064	0.1543	5	13	12	4	-1	0	0	0	0	0

Appendix 3: Lower Salt Creek Main Stem Priority Sites

SOURCE_FEA	REACHCODE	LENGTH_KM	DRSCWG_and	Proximate	Project_De	Confidence	Project_Ob	Long_term	TSS____22
ILGL09_GL 19	7.12E+12	5.007	Organic Enrichment, PAHs	Ammonia-nitrogen, TKN, riparian	Stormwater Treatment		Reduce organic load	General aquatic life use (mIBI=Good; fIBI=Good)	11.99914
ILGL09_GL 19	7.12E+12	5.007	Organic Enrichment, PAHs	Ammonia-nitrogen, TKN	Stormwater Treatment		Reduce organic load	General aquatic life use (mIBI=Good; fIBI=Good)	20.5897
ILGL09_GL 09	7.12E+12	12.084	Organic Enrichment	Ammonia-nitrogen, TKN	Habitat Restoration (dam removal); reduce remineralized nitrogen	High	increase assimilative capacity; reduce organic loads, metals	General aquatic life use (mIBI=Good; fIBI=Good)	26.26758
ILGL09_GL 09	7.12E+12	12.084	Organic Enrichment	Ammonia-nitrogen, TKN	Habitat Restoration (dam removal); reduce remineralized nitrogen	High	increase assimilative capacity; reduce organic loads, metals	General aquatic life use (mIBI=Good; fIBI=Good)	23.01919
ILGL09_GL 09	7.12E+12	0.459	Habitat Alterations, Organic Enrichment	Ammonia-nitrogen, TKN, riffle, substrate, channel, pool	Habitat Restoration (dam removal); reduce remineralized nitrogen		increase assimilative capacity; reduce organic loads	General aquatic life use (mIBI=Good; fIBI=Good)	18.91952
ILGL09_GL 09	7.12E+12	2.952	D.O., Habitat Alterations, Organic Enrichment, PAHs, N, Sediment, TSS, TDS, DDT, Aldrin, TP, Flow Alteration, Chloride	Ammonia-nitrogen, TKN, riffle, substrate, channel, pool	Habitat Restoration (dam removal); reduce remineralized nitrogen		increase assimilative capacity; reduce organic loads, metals	General aquatic life use (mIBI=Good; fIBI=Good)	22.69081

Appendix 3: Lower Salt Creek Main Stem Priority Sites

ILGL09_GL 09	7.12E+12	2.66	Habitat Alterations	Riffle, substrate, channel, pool	Habitat Restoration		increase assimilative capacity	General aquatic life use (mIBI=Good; fIBI=Good)	13.3214
ILGL09_GL 03	7.12E+12	0.196	Organic Enrichment, Stormwater	Ammonia-nitrogen, TKN, substrate and channel	CSO control		Reduce organic load, metals	General aquatic life use (mIBI=Good; fIBI=Fair)	30.54147
ILGL09_GL 03	7.12E+12	9.034	D.O., Organic Enrichment, PAHs	Ammonia-nitrogen, TKN, substrate	CSO control	High	Reduce organic load, metals	General aquatic life use (mIBI=Good; fIBI=Fair)	29.21528
ILGL09_GL 03	7.12E+12	9.034	D.O., Organic Enrichment, PAHs	Ammonia-nitrogen, TKN, riparian	CSO control	High	Reduce organic load	General aquatic life use (mIBI=Good; fIBI=Fair)	16.16851
ILGL09_GL 03	7.12E+12	9.034	D.O., Organic Enrichment, PAHs	Ammonia-nitrogen	CSO control	High	Reduce organic load, metals	General aquatic life use (mIBI=Good; fIBI=Fair)	28.11707
ILGL09_GL 03	7.12E+12	9.034	D.O., Organic Enrichment, PAHs	Ammonia-nitrogen, TKN, substrate	CSO control	High	Reduce organic load	General aquatic life use (mIBI=Good; fIBI=Fair)	18.85341
ILGL09_GL 03	7.12E+12	9.034	D.O., Organic Enrichment, PAHs	Ammonia-nitrogen, TKN, riffle	CSO control	High	Reduce organic load	General aquatic life use (mIBI=Good; fIBI=Fair)	20.34417
ILGL09_GL 03	7.12E+12	5.068	D.O., Habitat Alterations, Organic Enrichment, PAHs	Ammonia-nitrogen, TKN, riffle, riparian, substrate, channel, pool	Stormwater Treatment; Habitat Restoration	Moderate	increase assimilative capacity through habitat restoration, BMPs for PAHs	Increase habitat function, move biological communities away from highly degraded (i.e. poor) condition	19.29701
ILGL09_GL 03	7.12E+12	5.068	D.O., Habitat Alterations, Organic Enrichment, PAHs	Ammonia-nitrogen, TKN, riffle, riparian, substrate, channel	Stormwater Treatment; Habitat Restoration	Moderate	increase assimilative capacity through habitat restoration, BMPs for PAHs	Increase habitat function, move biological communities away from highly degraded (i.e. poor) condition	15.39678

Appendix 3: Lower Salt Creek Main Stem Priority Sites

ILGL09_GL 03	7.12E+12	5.068	D.O., Habitat Alterations, Organic Enrichment, PAHs	Ammonia-nitrogen, TKN, substrate and channel	Stormwater Treatment; Moderate Habitat Restoration	increase assimilative capacity through habitat restoration, BMPs for PAHs	Increase habitat function, move biological communities away from highly degraded (i.e. poor) condition	12.77792
ILGL09_GL 03	7.12E+12	5.068	D.O., Habitat Alterations, Organic Enrichment, PAHs, N, Sediment, TSS, TDS, DDT, Heptachlor, PCBs, TP	Ammonia-nitrogen, TKN, riffle, substrate, channel	Stormwater Treatment; Moderate Habitat Restoration	increase assimilative capacity through habitat restoration, BMPs for PAHs	Increase habitat function, move biological communities away from highly degraded (i.e. poor) condition	17.49484
ILGL09_GL 10	7.12E+12	3.699	D.O., Habitat Alterations, Organic Enrichment, PAHs, TDS/Chloride	Ammonia-nitrogen, TKN, chloride, riffle	Stormwater Treatment; Moderate Habitat Restoration	redesign stormwater control away from detention/retention ponds, reduce organic load from ponds	Increase habitat function, move biological communities away from highly degraded (i.e. poor) condition	12.37913
ILGL09_GL 10	7.12E+12	1.085	D.O., Habitat Alterations, Organic Enrichment, PAHs, TDS/Chloride	Ammonia-nitrogen, TKN, chloride, substrate, channel	Stormwater Treatment; Moderate Habitat Restoration	redesign stormwater control away from detention/retention ponds, reduce organic load from ponds	Increase habitat function, move biological communities away from highly degraded (i.e. poor) condition	12.44629