

WILLAMETTE VALLEY FISH PASSAGE MONITORING –RESERVOIR DISTRIBUTION & RIVERINE SAMPLING

Bi-Weekly Report: January 15 – January 31, 2025



Prepared for: United States Army Corps of Engineers

Prepared by: Cramer Fish Sciences

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RESERVOIR DISTRIBUTION SUMMARY

Reservoir sampling was not conducted during this reporting period. Sampling will resume on February 3, 2025 with nearshore sampling in Lookout Point Reservoir using box minnow and Oneida lake traps. Lookout Point and Green Peter Reservoirs will be sampled on alternate weeks.

Table 1. Start and end date by statistical week for 2024 sampling.

Week	Start	End	Reservoir	Net Type	Effort (# sets)	Effort (hrs)
6	2/5/2024	2/8/2024	Lookout Point	Box minnow	21	501
6	2/5/2024	2/8/2024	Lookout Point	Oneida	7	166
7	2/12/2024	2/15/2024	Green Peter	Box minnow	30	710
7	2/12/2024	2/15/2024	Green Peter	Oneida	12	283
8	2/19/2024	2/22/2024	Lookout Point	Box minnow	27	608
8	2/19/2024	2/22/2024	Lookout Point	Oneida	9	203
9	2/26/2024	3/4/2024	Green Peter	Box minnow	30	1680
9	2/26/2024	3/4/2024	Green Peter	Oneida	12	670
10	3/5/2024	3/7/2024	Lookout	Box minnow	18	422
10	3/5/2024	3/7/2024	Lookout	Oneida	6	138
11	3/11/2024	3/14/2024	Green Peter	Box minnow	30	715
11	3/11/2024	3/14/2024	Green Peter	Oneida	12	283
12	3/18/2024	3/21/2024	Lookout Point	Box minnow	27	621
12	3/18/2024	3/21/2024	Lookout Point	Oneida	9	206
13	3/25/2024	3/28/2024	Green Peter	Box minnow	30	700
13	3/25/2024	3/28/2024	Green Peter	Oneida	12	280
14	4/1/2024	4/4/2024	Lookout Point	box minnow	27	629
14	4/1/2024	4/4/2024	Lookout Point	oneida	9	208
15	4/8/2024	4/11/2024	Green Peter	box minnow	30	711
15	4/8/2024	4/11/2024	Green Peter	oneida	12	283
16	4/15/2024	4/18/2024	Lookout Point	box minnow	27	632
16	4/15/2024	4/18/2024	Lookout Point	oneida	9	209
17	4/22/2024	4/25/2024	Green Peter	box minnow	30	708
17	4/22/2024	4/25/2024	Green Peter	oneida	12	280
18	4/29/2024	5/2/2024	Lookout Point	box minnow	27	657
18	4/29/2024	5/2/2024	Lookout Point	oneida	9	217
19	5/8/2024	5/10/2024	Green Peter	box minnow	20	465
19	5/8/2024	5/10/2024	Green Peter	oneida	8	188
20	5/13/2024	5/16/2024	Lookout Point	box minnow	27	636
20	5/13/2024	5/16/2024	Lookout Point	oneida	9	208
21	5/20/2024	5/23/2024	Green Peter	box minnow	30	707
21	5/20/2024	5/23/2024	Green Peter	oneida	12	283
22	5/27/2024	5/30/2024	Lookout Point	box minnow	27	558
22	5/27/2024	5/30/2024	Lookout Point	oneida	9	207
23	6/3/2024	6/6/2024	Green Peter	box minnow	30	689
23	6/3/2024	6/6/2024	Green Peter	oneida	12	277
24	6/10/2024	6/13/2024	Lookout Point	box minnow	27	619
24	6/10/2024	6/13/2024	Lookout Point	oneida	9	209

Week	Start	End	Reservoir	Net Type	Effort (# sets)	Effort (hrs)
25	6/17/2024	6/20/2024	Green Peter	gill net 80'	26	620
26	6/24/2024	6/27/2024	Lookout Point	gill net 80'	24	552
27	7/1/2024	7/4/2024	Green Peter	gill net 80'	27	632
28	7/9/2024	7/12/2024	Lookout Point	gill net 80'	24	547
29	7/15/2024	7/18/2024	Green Peter	gill net 80'	27	648
30	7/22/2024	7/25/2024	Lookout Point	gill net 80'	24	546
30	7/24/2024	7/25/2024	Green Peter	gill net 80'	8	172
31	7/29/2024	7/31/2024	Lookout Point	gill net 80'	16	495
31	7/30/2024	7/31/2024	Green Peter	gill net 80'	9	238
32	8/5/2024	8/11/2024	Lookout	gill net 80'	7	106
32	8/5/2024	8/11/2024	Green Peter	gill net 80'	26	604
33	8/12/2024	8/18/2024	Lookout	gill net 80'	10	230
33	8/12/2024	8/18/2024	Green Peter	gill net 80'	27	637
34	8/19/2024	8/25/2024	Lookout	gill net 80'	9	211
34	8/19/2024	8/25/2024	Green Peter	gill net 80'	27	649
35	8/26/2024	9/1/2024	Green Peter	gill net 80'	26	626
36	9/2/2024	9/8/2024	Lookout Point	gill net 80'	6	144
37	9/9/2024	9/15/2024	Green Peter	gill net 80'	27	627
38	9/16/2024	9/19/2024	Lookout Point	gill net 80'	8	183
38	9/16/2024	9/19/2024	Green Peter	gill net 80'	18	416
39	9/23/2024	9/26/2024	Green Peter	gill net 80'	25	578
40	9/30/2024	10/6/2024	Lookout Point	gill net 80'	9	213
41	10/7/2024	10/13/2024	Green Peter	gill net 80'	27	630
42	10/14/2024	10/20/2024	Lookout Point	gill net 80'	9	204
43	10/21/2024	10/27/2024	Green Peter	gill net 80'	27	643
44	10/28/2024	11/3/2024	Lookout Point	gill net 80'	22	528
45	11/4/2024	11/10/2024	Green Peter	gill net 80'	19	502
46	11/11/2024	11/17/2024	Lookout Point	gill net 80'	24	574
47	11/18/2024	11/24/2024	Lookout Point	gill net 80'	32	755

Table 2. Mean surface water temperature measure during each trap net deployment during 2024.

Week	Reservoir	Mean Water Surface Temperature °C
6	Lookout Point	8.0
7	Green Peter	8.2
8	Lookout Point	8.9
9	Green Peter	8.4
10	Lookout Point	8.3
11	Green Peter	8.5
12	Lookout Point	9.6
13	Green Peter	9.7
14	Lookout Point	10.6
15	Green Peter	12.2
16	Lookout Point	11.7

Week	Reservoir	Mean Water Surface Temperature °C
17	Green Peter	13.6
18	Lookout Point	13.6
19	Green Peter	15.1
20	Lookout Point	16.1
21	Green Peter	16.8
22	Lookout Point	17.4
23	Green Peter	18.1
24	Lookout Point	20.3
25	Green Peter	19.5
26	Lookout Point	21.1
27	Green Peter	21.9
28	Lookout Point	24.9
29	Green Peter	25.3
30	Lookout Point	24.4
30	Green Peter	24
31	Lookout Point	23.9
31	Green Peter	24.3
32	Lookout Point	23.1
32	Green Peter	24.9
33	Lookout Point	23.2
33	Green Peter	23.9
34	Lookout Point	21.6
34	Green Peter	23.2
35	Green Peter	22.3
36	Lookout Point	20.7
37	Green Peter	21.7
38	Lookout Point	19
38	Green Peter	20.2
39	Green Peter	19.9
40	Lookout Point	18
41	Green Peter	18.4
42	Lookout Point	16.1
43	Green Peter	16.4
44	Lookout Point	13.5
45	Green Peter	10.9
46	Lookout Point	10.5
47	Lookout Point	8.6

Table 3. Summary of total catch by reservoir during 2024. CHS – Chinook salmon, RBT – *O. mykiss*, CUT - Cutthroat trout, KOK – Kokanee, NPM - Northern Pikeminnow, SCU – Sculpin, BLG - Bluegill, LWB – Western Brook Lamprey, BBH- Brown bullhead, YBH – Yellow bullhead, LSS - Large-scale sucker, SMB - Smallmouth Bass, LMB – largemouth bass, BLC – black crappie, WHC – white crappie, WAL – walleye, UNID – unidentified. *Unidentified larval centrarchid.

Week	Reservoir	CHS	RBT	CUT	KOK	NPM	SCU	BLG	LWB	BBH	YBH	LSS	SMB	LMB	BLC	WHC	WAL	UNID
6	Lookout Point	4	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7	Green Peter	7	6	2	0	1	0	8	1	0	0	0	0	0	0	0	0	0
8	Lookout Point	6	9	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0
9	Green Peter	12	3	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0
10	Lookout Point	1	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
11	Green Peter	19	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0
12	Lookout Point	2	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
13	Green Peter	1	1	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0
14	Lookout Point	1	7	0	0	3	0	0	0	9	0	3	0	0	0	0	0	0
15	Green Peter	9	2	4	0	0	0	5	0	0	0	0	2	0	0	0	0	0
16	Lookout Point	2	2	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0
17	Green Peter	0	1	2	0	3	0	6	0	0	0	0	0	0	0	0	0	0
18	Lookout Point	0	5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
19	Green Peter	1	1	0	0	3	0	5	0	0	0	0	0	0	0	0	0	0
20	Lookout Point	2	6	0	0	5	0	2	0	0	0	0	0	0	0	0	0	0
21	Green Peter	3	0	1	0	17	0	8	0	0	0	0	0	0	0	0	0	0
22	Lookout Point	0	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
23	Green Peter	6	0	0	0	3	0	52	0	0	0	0	1	0	0	0	0	0
24	Lookout Point	0	2	0	0	0	264	3	0	0	0	0	1	0	0	0	0	116*
25	Green Peter	19	55	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
26	Lookout Point	8	2	0	0	0	0	0	0	0	0	1	2	0	4	0	0	0
27	Green Peter	1	21	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
28	Lookout Point	14	8	0	0	0	0	0	0	0	0	0	2	1	1	2	6	0
29	Green Peter	1	29	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0
30	Lookout Point	8	14	0	0	15	0	0	0	0	0	1	92	0	0	275	0	0
30	Green Peter	2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Lookout Point	9	20	0	0	4	0	0	0	1	0	1	227	2	296	608	40	0

Week	Reservoir	CHS	RBT	CUT	KOK	NPM	SCU	BLG	LWB	BBH	YBH	LSS	SMB	LMB	BLC	WHC	WAL	UNID
31	Green Peter	0	21	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
32	Lookout Point	7	2	0	0	0	0	0	0	0	0	0	514	5	0	546	0	0
32	Green Peter	3	98	0	0	3	0	2	0	0	1	0	9	0	0	0	0	0
33	Lookout Point	14	12	0	0	0	0	0	0	0	0	0	880	3	608	2875	0	0
33	Green Peter	24	90	0	0	0	0	1	0	0	1	1	7	0	0	0	0	0
34	Lookout Point	14	8	0	0	0	0	0	0	0	0	0	232	1	97	1508	0	0
34	Green Peter	4	61	0	0	1	0	6	0	0	4	0	4	0	0	0	0	0
35	Green Peter	10	62	0	0	2	0	5	0	0	5	0	25	0	0	0	0	0
36	Lookout Point	3	0	0	0	0	0	0	0	0	0	0	194	3	36	1387	0	0
37	Green Peter	26	94	0	0	0	0	19	0	0	12	0	17	3	0	0	0	0
38	Lookout Point	12	1	0	0	0	0	0	0	0	0	0	577	1	316	2405	2	0
38	Green Peter	1	25	0	0	1	0	28	0	0	13	0	71	0	4	0	0	0
39	Green Peter	20	38	0	0	0	0	20	0	0	10	0	15	0	0	1	0	0
40	Lookout Point	31	4	0	0	4	0	0	0	0	0	0	105	3	283	4168	7	0
41	Green Peter	19	4	0	1	0	0	47	0	0	1	0	12	1	0	0	0	0
42	Lookout Point	6	3	0	0	6	0	0	0	0	0	0	35	0	41	137	14	0
43	Green Peter	65	26	0	2	16	0	61	0	0	40	1	40	0	2	0	0	0
44	Lookout Point	39	17	0	0	20	0	1	0	0	0	7	13	8	59	62	31	0
45	Green Peter	354	106	0	8	10	0	53	0	0	7	0	21	6	0	0	0	0
46	Lookout Point	8	16	0	0	32	2	1	0	0	0	4	20	0	39	44	13	0
47	Lookout Point	6	2	0	0	6	0	1	0	0	0	1	1	3	12	2	1	0

Table 4. Catch summary of target species by reservoir zone for 2024 sampling. CHS-AD = ad clipped Chinook salmon, CHS-natural = natural origin Chinook salmon, RBT-AD = ad clipped *O. mykiss*, RBT-natural = natural origin *O. mykiss*.

Week	Reservoir	Species	Lifestage	LOWER	MIDDLE	UPPER	QUARTZVILLE
6	Lookout Point	RBT-natural	yearling	1	1	0	0
6	Lookout Point	CHS-AD	yearling	0	1	0	0
6	Lookout Point	CHS-natural	yearling	0	2	1	0
7	Green Peter	CHS-natural	fry	1	5	1	0
7	Green Peter	RBT-natural	adult	1	0	0	0
7	Green Peter	RBT-natural	yearling	1	0	0	1
7	Green Peter	RBT-natural	fry	0	0	3	0
8	Lookout Point	RBT-natural	yearling	2	4	3	0
8	Lookout Point	CHS-AD	yearling	0	1	0	0
8	Lookout Point	CHS-natural	yearling	0	1	4	0
9	Green Peter	CHS-AD	yearling	1	0	0	1
9	Green Peter	CHS-natural	fry	0	2	5	1
9	Green Peter	CHS-natural	yearling	0	1	1	0
9	Green Peter	RBT-natural	fry	0	0	1	1
9	Green Peter	RBT-natural	yearling	0	0	1	0
10	Lookout Point	RBT-natural	yearling	0	1	0	0
10	Lookout Point	CHS-natural	fry	0	0	1	0
10	Lookout Point	RBT-natural	Adult	0	0	1	0
11	Green Peter	CHS-AD	fry	1	3	11	3
11	Green Peter	CHS-natural	fry	0	0	1	0
12	Lookout Point	CHS-natural	fry	0	1	0	0
12	Lookout Point	CHS-natural	yearling	0	1	0	0
12	Lookout Point	RBT-natural	yearling	0	1	1	0
13	Green Peter	RBT-natural	yearling	1	0	0	0
13	Green Peter	CHS-AD	parr	0	0	0	1
14	Lookout Point	RBT-natural	yearling	4	1	2	0
14	Lookout Point	CHS-natural	yearling	0	0	1	0
15	Green Peter	CHS-natural	fry	0	0	0	3
15	Green Peter	CHS-natural	parr	0	1	5	0
15	Green Peter	RBT-AD	adult	0	1	0	0
15	Green Peter	RBT-natural	yearling	0	0	1	0
16	Lookout Point	CHS-AD	yearling	1	0	0	0
16	Lookout Point	CHS-natural	parr	0	1	0	0
16	Lookout Point	RBT-natural	yearling	0	1	1	0
17	Green Peter	RBT-AD	adult	1	0	0	0
18	Lookout Point	RBT-natural	yearling	1	1	3	0
19	Green Peter	CHS-natural	parr	0	0	0	1
19	Green Peter	RBT-natural	yearling	0	0	0	1
20	Lookout Point	CHS-natural	fry	0	0	2	0

Week	Reservoir	Species	Lifestage	LOWER	MIDDLE	UPPER	QUARTZVILLE
20	Lookout Point	RBT-AD	yearling	0	0	1	0
20	Lookout Point	RBT-natural	yearling	0	0	5	0
21	Green Peter	CHS-natural	subyearling	0	1	0	1
21	Green Peter	CHS-AD	subyearling	0	0	1	0
22	Lookout Point	RBT-natural	yearling	0	1	2	0
23	Green Peter	CHS-natural	subyearling	1	0	1	0
23	Green Peter	CHS-natural	yearling	1	0	0	0
23	Green Peter	CHS-AD	subyearling	0	0	3	0
24	Lookout Point	RBT-natural	yearling	1	0	1	0
25	Green Peter	CHS-AD	subyearling	1	0	0	0
25	Green Peter	CHS-natural	subyearling	4	4	7	1
25	Green Peter	CHS-natural	yearling	0	0	2	0
25	Green Peter	RBT-AD	adult	7	11	33	0
25	Green Peter	RBT-natural	yearling	1	0	2	0
25	Green Peter	RBT-natural	adult	0	0	1	0
26	Lookout Point	CHS-AD	subyearling	1	0	0	0
26	Lookout Point	CHS-natural	subyearling	7	0	0	0
26	Lookout Point	RBT-AD	adult	1	0	0	0
26	Lookout Point	RBT-natural	adult	0	0	1	0
27	Green Peter	RBT-AD	adult	7	2	12	0
27	Green Peter	CHS-natural	subyearling	0	0	1	0
28	Lookout Point	CHS-AD	subyearling	4	0	5	0
28	Lookout Point	CHS-natural	subyearling	1	1	2	0
28	Lookout Point	CHS-natural	yearling	1	0	0	0
28	Lookout Point	RBT-AD	adult	1	0	0	0
28	Lookout Point	RBT-natural	adult	4	0	2	0
28	Lookout Point	RBT-natural	yearling	0	0	1	0
29	Green Peter	RBT-AD	adult	7	4	15	0
29	Green Peter	RBT-natural	yearling	1	1	0	1
29	Green Peter	CHS-natural	subyearling	0	0	0	1
30	Lookout Point	CHS-AD	subyearling	6	0	0	0
30	Lookout Point	CHS-natural	subyearling	1	0	0	0
30	Lookout Point	CHS-natural	yearling	1	0	0	0
30	Lookout Point	RBT-AD	adult	4	1	1	0
30	Lookout Point	RBT-natural	adult	5	1	1	0
30	Lookout Point	RBT-natural	yearling	0	0	1	0
30	Green Peter	RBT-AD	adult	3	1	11	3
30	Green Peter	RBT-natural	yearling	1	0	0	0
30	Green Peter	CHS-natural	subyearling	0	2	0	0
30	Green Peter	RBT-natural	adult	0	0	1	0
31	Lookout Point	CHS-AD	subyearling	2	0	1	0
31	Lookout Point	CHS-AD	yearling	1	0	0	0
31	Lookout Point	CHS-natural	subyearling	2	1	0	0

Week	Reservoir	Species	Lifestage	LOWER	MIDDLE	UPPER	QUARTZVILLE
31	Lookout Point	CHS-natural	yearling	2	0	0	0
31	Lookout Point	RBT-AD	adult	1	0	0	0
31	Lookout Point	RBT-natural	adult	18	1	0	0
31	Green Peter	RBT-AD	adult	16	1	2	0
31	Green Peter	RBT-natural	adult	1	0	0	0
31	Green Peter	RBT-natural	yearling	1	0	0	0
32	Lookout Point	CHS-AD	subyearling	1	6	0	0
32	Lookout Point	RBT-natural	adult	2	0	0	0
32	Green Peter	CHS-AD	subyearling	2	0	0	0
32	Green Peter	CHS-natural	subyearling	1	0	0	0
32	Green Peter	RBT-AD	adult	44	13	31	1
32	Green Peter	RBT-AD	yearling	1	0	0	0
32	Green Peter	RBT-natural	adult	4	0	1	0
32	Green Peter	RBT-natural	yearling	3	0	0	0
33	Lookout Point	CHS-AD	subyearling	11	0	0	0
33	Lookout Point	CHS-natural	subyearling	3	0	0	0
33	Lookout Point	RBT-AD	adult	2	0	0	0
33	Lookout Point	RBT-natural	adult	10	0	0	0
33	Green Peter	CHS-AD	subyearling	1	0	0	0
33	Green Peter	CHS-natural	subyearling	7	11	2	3
33	Green Peter	RBT-AD	NA	37	15	19	6
33	Green Peter	RBT-natural	adult	9	1	0	0
33	Green Peter	RBT-natural	yearling	3	0	0	0
34	Lookout Point	CHS-AD	subyearling	10	0	0	0
34	Lookout Point	CHS-AD	yearling	1	0	0	0
34	Lookout Point	CHS-natural	subyearling	3	0	0	0
34	Lookout Point	RBT-AD	adult	2	0	0	0
34	Lookout Point	RBT-natural	adult	5	0	0	0
34	Lookout Point	RBT-natural	yearling	1	0	0	0
34	Green Peter	RBT-AD	adult	32	17	6	4
34	Green Peter	RBT-natural	adult	1	1	0	0
34	Green Peter	CHS-AD	yearling	0	1	0	0
34	Green Peter	CHS-natural	subyearling	0	1	1	1
35	Green Peter	CHS-AD	subyearling	1	2	0	0
35	Green Peter	CHS-natural	subyearling	2	4	1	0
35	Green Peter	RBT-AD	adult	26	17	7	8
35	Green Peter	RBT-natural	adult	1	2	0	0
35	Green Peter	RBT-natural	yearling	1	0	0	0
36	Lookout Point	CHS-AD	subyearling	3	0	0	0
37	Green Peter	CHS-AD	subyearling	2	0	1	0
37	Green Peter	CHS-natural	subyearling	14	1	2	5
37	Green Peter	CHS-natural	yearling	1	0	0	0
37	Green Peter	RBT-AD	Adult	30	38	7	8

Week	Reservoir	Species	Lifestage	LOWER	MIDDLE	UPPER	QUARTZVILLE
37	Green Peter	RBT-natural	adult	5	5	0	0
38	Lookout Point	CHS-AD	subyearling	9	0	0	0
38	Lookout Point	CHS-natural	subyearling	3	0	0	0
38	Lookout Point	RBT-natural	adult	1	0	0	0
38	Green Peter	CHS-natural	subyearling	1	0	0	0
38	Green Peter	RBT-AD	Adult	8	8	4	2
38	Green Peter	RBT-natural	adult	1	1	0	0
38	Green Peter	RBT-natural	yearling	0	0	1	0
39	Green Peter	CHS-AD	subyearling	1	0	0	1
39	Green Peter	CHS-natural	subyearling	11	4	0	3
39	Green Peter	RBT-AD	Adult	9	18	0	7
39	Green Peter	RBT-natural	adult	3	0	0	1
40	Lookout Point	CHS-AD	subyearling	24	0	0	0
40	Lookout Point	CHS-natural	subyearling	7	0	0	0
40	Lookout Point	RBT-natural	adult	4	0	0	0
41	Green Peter	CHS-AD	subyearling	2	2	0	1
41	Green Peter	CHS-natural	subyearling	6	5	0	3
41	Green Peter	RBT-AD	Adult	1	1	0	0
41	Green Peter	RBT-natural	adult	2	0	0	0
42	Lookout Point	CHS-AD	subyearling	3	0	0	0
42	Lookout Point	CHS-natural	subyearling	3	0	0	0
42	Lookout Point	RBT-AD	adult	1	0	0	0
42	Lookout Point	RBT-natural	adult	2	0	0	0
43	Green Peter	CHS-AD	subyearling	7	4	0	4
43	Green Peter	CHS-natural	subyearling	21	8	0	21
43	Green Peter	RBT-AD	Adult	8	7	0	5
43	Green Peter	RBT-natural	adult	1	1	0	2
43	Green Peter	RBT-natural	yearling	0	0	0	2
44	Lookout Point	CHS-AD	subyearling	20	0	0	0
44	Lookout Point	CHS-natural	subyearling	18	0	0	0
44	Lookout Point	CHS-natural	yearling	1	0	0	0
44	Lookout Point	RBT-AD	adult	1	0	0	0
44	Lookout Point	RBT-natural	adult	16	0	0	0
45	Green Peter	CHS-AD	subyearling	79	0	0	0
45	Green Peter	CHS-natural	parr	1	0	0	0
45	Green Peter	CHS-natural	subyearling	274	0	0	0
45	Green Peter	RBT-AD	Adult	97	0	0	0
45	Green Peter	RBT-natural	adult	9	0	0	0
46	Lookout Point	CHS-AD	subyearling	7	0	0	0
46	Lookout Point	CHS-natural	subyearling	1	0	0	0
46	Lookout Point	RBT-AD	adult	4	0	0	0
46	Lookout Point	RBT-natural	adult	12	0	0	0
47	Lookout Point	CHS-AD	subyearling	1	0	0	0

Week	Reservoir	Species	Lifestage	LOWER	MIDDLE	UPPER	QUARTZVILLE
47	Lookout Point	CHS-natural	subyearling	5	0	0	0
47	Lookout Point	RBT-natural	adult	1	0	0	0
47	Lookout Point	RBT-natural	subyearling	1	0	0	0

Table 5. Summary of target species lengths, tags implanted and recaptures during 2024. LOP – Lookout Point Reservoir, GPR – Green Peter Reservoir.

Week	Reservoir	Species	Lifestage	Catch	length_min	length_mean	length_max	# VIE tagged	# PIT tagged	# recap
6	LOP	CHS-AD	yearling	1	117	117	117	0	0	1
6	LOP	CHS-natural	yearling	3	80	84	88	0	3	0
6	LOP	RBT-natural	yearling	2	79	88	97	0	1	0
7	GPR	CHS-natural	fry	7	37	40.6	46	7	0	0
7	GPR	RBT-natural	adult	1	305	305	305	0	1	0
7	GPR	RBT-natural	fry	3	35	36.7	38	3	0	0
7	GPR	RBT-natural	yearling	2	149	168.5	188	0	2	0
8	LOP	CHS-AD	yearling	1	174	174	174	0	0	1
8	LOP	CHS-natural	yearling	5	73	87.6	101	0	4	0
8	LOP	RBT-natural	yearling	9	103	153.2	206	0	9	0
9	GPR	CHS-AD	yearling	2	83	89	95	0	1*	2
9	GPR	CHS-natural	fry/parr	8	36	41.6	51	8	0	0
9	GPR	CHS-natural	yearling	2	117	118.5	120	0	2	0
9	GPR	RBT-natural	fry	2	34	35	36	1	0	0
9	GPR	RBT-natural	yearling	1	169	169	169	0	1	0
10	LOP	CHS-natural	fry/parr	1	47	47.0	47	1	0	0
10	LOP	RBT-natural	adult	1	296	296.0	296	0	1	0
10	LOP	RBT-natural	yearling	1	108	108.0	108	0	1	0
11	GPR	CHS-AD	fry/parr	1	56	56.0	56	0	0	1
11	GPR	CHS-natural	fry/parr	18	34	41.7	58	11	4	0
12	LOP	CHS-natural	fry	1	38	38	38	1	0	0
12	LOP	CHS-natural	yearling	1	97	97	97	0	1	0
12	LOP	RBT-natural	yearling	2**	107	126.5	146	0	0	0
13	GPR	CHS-AD	fry/parr	1	58	58	58	0	0	1
13	GPR	RBT-natural	yearling	1**	157	157	157	0	0	0
14	LOP	CHS-natural	yearling	1	93	93	93	0	1	0
14	LOP	RBT-natural	yearling	7**	96	148	174	0	0	0
15	GPR	CHS-natural	fry	3	32	37.7	42	2	0	0
15	GPR	CHS-natural	parr	6	51	59.8	74	0	6	0
15	GPR	RBT-AD	adult	1	229	229	229	0	0	0
15	GPR	RBT-natural	yearling	1**	149	149	149	0	0	0
16	LOP	CHS-AD	yearling	1	119	119	119	0	0	1
16	LOP	CHS-natural	parr	1	73	73	73	0	1	0
16	LOP	RBT-natural	yearling	2	145	165.5	186	0	1	0
17	GPR	RBT-AD	adult	1	290	290	290	0	0	0

Week	Reservoir	Species	Lifestage	Catch	length_min	length_mean	length_max	# VIE tagged	# PIT tagged	# recap
18	LOP	RBT-natural	yearling	5	135	143.8	157	1	5	0
19	GPR	CHS-natural	parr	1	50	50	50	0	1	0
19	GPR	RBT-natural	yearling	1	116	116	116	0	1	0
20	LOP	CHS-natural	fry	2	43	43.5	44	0	1	0
20	LOP	RBT-AD	yearling	1	169	169	169	0	1	0
20	LOP	RBT-natural	yearling	5	96	120	138	0	4	0
21	GPR	CHS-AD	subyear	1	140	140	140	0	0	1
21	GPR	CHS-natural	subyear	2	65	84	103	0	0	0
22	LOP	RBT-natural	yearling	3	130	137.3	146	0	0	0
23	GPR	CHS-AD	subyear	3	96	104	113	0	0	2
23	GPR	CHS-natural	subyear	2	85	86.5	88	0	0	0
23	GPR	CHS-natural	yearling	1	169	169	169	0	0	0
24	LOP	RBT-natural	yearling	2	131	136.5	142	0	0	0
25	GPR	CHS-AD	subyear	1	134	134	134	0	0	1
25	GPR	CHS-natural	subyear	16	84	106.2	135	0	0	0
25	GPR	CHS-natural	yearling	2	157	172.5	188	0	0	0
25	GPR	RBT-AD	adult	51	213	269.2	320	0	0	0
25	GPR	RBT-natural	adult	1	205	205	205	0	0	0
25	GPR	RBT-natural	yearling	3	158	176.7	190	0	0	0
26	LOP	CHS-AD	subyear	1	103	103	103	0	0	0
26	LOP	CHS-natural	subyear	7	81	112.4	134	0	0	0
26	LOP	RBT-AD	adult	1	320	320	320	0	0	0
26	LOP	RBT-natural	adult	1	255	255	255	0	0	0
27	GPR	CHS-natural	subyear	1	100	100	100	0	0	0
27	GPR	RBT-AD	adult	21	224	287.3	315	0	0	0
28	LOP	CHS-AD	subyear	9	86	107.6	141	0	0	0
28	LOP	CHS-natural	subyear	4	102	123.8	149	0	0	0
28	LOP	CHS-natural	yearling	1	249	249	249	0	0	0
28	LOP	RBT-AD	adult	1	304	304	304	0	0	0
28	LOP	RBT-natural	adult	6	203	252.7	312	0	0	0
28	LOP	RBT-natural	yearling	1	169	169	169	0	0	0
29	GPR	CHS-natural	subyear	1	98	98	98	0	0	0
29	GPR	RBT-AD	adult	26	257	297	329	0	0	0
29	GPR	RBT-natural	yearling	3	166	174.3	187	0	0	0
30	LOP	CHS-AD	subyear	6	116	132.5	153	0	0	0
30	LOP	CHS-natural	subyear	1	141	141	141	0	0	0
30	LOP	CHS-natural	yearling	1	150	150	150	0	0	0
30	LOP	RBT-AD	adult	6	265	325.3	375	0	0	0
30	LOP	RBT-natural	adult	7	211	318.3	485	0	0	0
30	LOP	RBT-natural	yearling	1	158	158	158	0	0	0
30	GPR	CHS-natural	subyear	2	146	159	172	0	0	0
30	GPR	RBT-AD	adult	18	277	299.2	330	0	0	0
30	GPR	RBT-natural	adult	1	264	264	264	0	0	0

Week	Reservoir	Species	Lifestage	Catch	length_min	length_mean	length_max	# VIE tagged	# PIT tagged	# recap
30	GPR	RBT-natural	yearling	1	197	197	197	0	0	0
31	LOP	CHS-AD	subyear	3	101	123	143	0	0	0
31	LOP	CHS-AD	yearling	1	214	214	214	0	0	0
31	LOP	CHS-natural	subyear	3	125	136	148	0	0	0
31	LOP	CHS-natural	yearling	2	235	252.5	270	0	0	0
31	LOP	RBT-AD	adult	1	374	374	374	0	0	0
31	LOP	RBT-natural	adult	19	207	273.8	370	0	0	0
31	GPR	RBT-AD	adult	19	268	301.1	334	0	0	0
31	GPR	RBT-natural	adult	1	263	263	263	0	0	0
31	GPR	RBT-natural	yearling	1	176	176	176	0	0	0
32	LOP	CHS-AD	subyear	7	136	142	156	0	0	0
32	LOP	RBT-natural	adult	2	243	244	245	0	0	0
32	GPR	CHS-AD	subyear	2	185	190	195	0	0	2
32	GPR	CHS-natural	subyear	1	185	185	185	0	0	0
32	GPR	RBT-AD	adult	89	270	305.1	335	0	0	0
32	GPR	RBT-AD	yearling	1	175	175	175	0	0	0
32	GPR	RBT-natural	adult	5	225	256.4	315	0	0	0
32	GPR	RBT-natural	yearling	3	201	213.7	225	0	0	0
33	LOP	CHS-AD	subyear	11	133	155.8	176	0	0	0
33	LOP	CHS-natural	subyear	3	141	152.7	166	0	0	0
33	LOP	RBT-AD	adult	2	320	335	350	0	0	0
33	LOP	RBT-natural	adult	10	218	279.1	365	0	0	0
33	GPR	CHS-AD	subyear	1	194	194	194	0	0	1
33	GPR	CHS-natural	subyear	23	162	189.5	208	0	0	1
33	GPR	RBT-AD	adult	77	262	307.8	343	0	0	0
33	GPR	RBT-natural	adult	10	232	270.4	321	0	0	0
33	GPR	RBT-natural	yearling	3	142	174	196	0	0	0
34	LOP	CHS-AD	subyear	10	144	159.8	182	0	0	0
34	LOP	CHS-AD	yearling	1	220	220	220	0	0	0
34	LOP	CHS-natural	subyear	3	117	152.3	180	0	0	1
34	LOP	RBT-AD	adult	2	370	402	434	0	0	0
34	LOP	RBT-natural	adult	5	204	236.4	304	0	0	0
34	LOP	RBT-natural	yearling	1	198	198	198	0	0	0
34	GPR	CHS-AD	yearling	1	223	223	223	0	0	0
34	GPR	CHS-natural	subyear	3	155	174.3	188	0	0	0
34	GPR	RBT-AD	Adult	59	269	308.8	349	0	0	0
34	GPR	RBT-natural	adult	2	243	246.5	250	0	0	0
35	GPR	CHS-AD	subyear	3	183	192.3	202	0	0	1
35	GPR	CHS-natural	subyear	7	193	200	206	0	0	0
35	GPR	RBT-AD	Adult	58	270	311.5	354	0	0	0
35	GPR	RBT-natural	adult	3	247	254.7	268	0	0	0
35	GPR	RBT-natural	yearling	1	245	245	245	0	0	0
36	LOP	CHS-AD	subyear	3	139	149.7	166	0	0	0

Week	Reservoir	Species	Lifestage	Catch	length_min	length_mean	length_max	# VIE tagged	# PIT tagged	# recap
37	GPR	CHS-AD	subyear	3	112	175.7	220	0	0	1
37	GPR	CHS-natural	subyear	22	200	218.2	241	0	0	0
37	GPR	CHS-natural	yearling	1	270	270	270	0	0	0
37	GPR	RBT-AD	Adult	83	275	318	355	0	0	0
37	GPR	RBT-AD	Juvenile	1	154	154	154	0	0	0
37	GPR	RBT-natural	adult	10	234	269.8	337	0	0	0
38	LOP	CHS-AD	subyear	9	165	195.4	222	0	0	0
38	LOP	CHS-natural	subyear	3	160	191.3	213	0	0	1
38	LOP	RBT-natural	adult	1	221	221	221	0	0	0
38	GPR	CHS-natural	subyear	1	182	182	182	0	0	0
38	GPR	RBT-AD	Adult	22	301	317.2	333	0	0	0
38	GPR	RBT-natural	adult	2	233	250.5	268	0	0	0
38	GPR	RBT-natural	yearling	1	184	184	184	0	0	0
39	GPR	CHS-AD	subyear	2	225	237.5	250	0	0	2
39	GPR	CHS-natural	subyear	18	178.8	224.6	253	0	0	0
39	GPR	RBT-AD	Adult	34	283	325.1	393	0	0	0
39	GPR	RBT-natural	adult	4	275	306.2	355	0	0	0
40	LOP	CHS-AD	subyear	24	151	198.2	240	0	0	0
40	LOP	CHS-natural	subyear	7	160	210.3	235	0	0	0
40	LOP	RBT-natural	adult	4	262	307.5	340	0	0	0
41	GPR	CHS-AD	subyear	5	148	189.4	253	0	0	3
41	GPR	CHS-natural	subyear	14	180	229.4	252	0	0	0
41	GPR	RBT-AD	Adult	2	314	314	314	0	0	0
41	GPR	RBT-natural	adult	2	200	218.5	237	0	0	0
42	LOP	CHS-AD	subyear	3	179	201.3	245	0	0	0
42	LOP	CHS-natural	subyear	3	200	228.3	265	0	0	0
42	LOP	RBT-AD	adult	1	502	502	502	0	0	0
42	LOP	RBT-natural	adult	2	255	286	317	0	0	0
43	Green Peter	CHS-AD	subyear	15	139	196.9	266	0	0	9
43	Green Peter	CHS-natural	subyear	50	161	243.7	280	0	0	0
43	Green Peter	RBT-AD	Adult	20	311	336	375	0	0	0
43	Green Peter	RBT-natural	adult	4	265	303.2	346	0	0	0
43	Green Peter	RBT-natural	yearling	2	226	253.5	281	0	0	0
44	Lookout Point	CHS-AD	subyear	20	150	191.9	263	0	0	0
44	Lookout Point	CHS-natural	subyear	18	144	209.1	284	0	0	5
44	Lookout Point	CHS-natural	yearling	1	326	326	326	0	0	0
44	Lookout Point	RBT-AD	adult	1	370	370	370	0	0	0
44	Lookout Point	RBT-natural	adult	16	262	310.4	368	0	0	0
45	Green Peter	CHS-AD	subyear	79	113	205.1	290	0	1	53
45	Green Peter	CHS-natural	parr	1	102	102	102	0	0	0
45	Green Peter	CHS-natural	subyear	274	148	251.7	295	0	15	11
45	Green Peter	RBT-AD	Adult	97	280	328.8	385	0	0	0
45	Green Peter	RBT-natural	adult	9	235	288.8	318	0	0	0

Week	Reservoir	Species	Lifestage	Catch	length_min	length_mean	length_max	# VIE tagged	# PIT tagged	# recap
46	Lookout Point	CHS-AD	subyear	7	127	150.7	167	0	0	0
46	Lookout Point	CHS-natural	subyear	1	168	168	168	0	0	1
46	Lookout Point	RBT-AD	adult	4	312	383	450	0	0	0
46	Lookout Point	RBT-natural	adult	12	235	315.1	386	0	0	0
47	Lookout Point	CHS-AD	subyear	1	144	144	144	0	0	0
47	Lookout Point	CHS-natural	subyear	5	155	219.2	267	0	0	1
47	Lookout Point	RBT-natural	adult	1	296	296	296	0	0	0
47	Lookout Point	RBT-natural	subyear	1	157	157	157	0	0	0

*One recaptured fish was inadvertently tagged with a 2nd PIT tag. ** Not tagged, awaiting permit modification to allow for tagging RBT (modification has since been granted effective 4/16/2024).

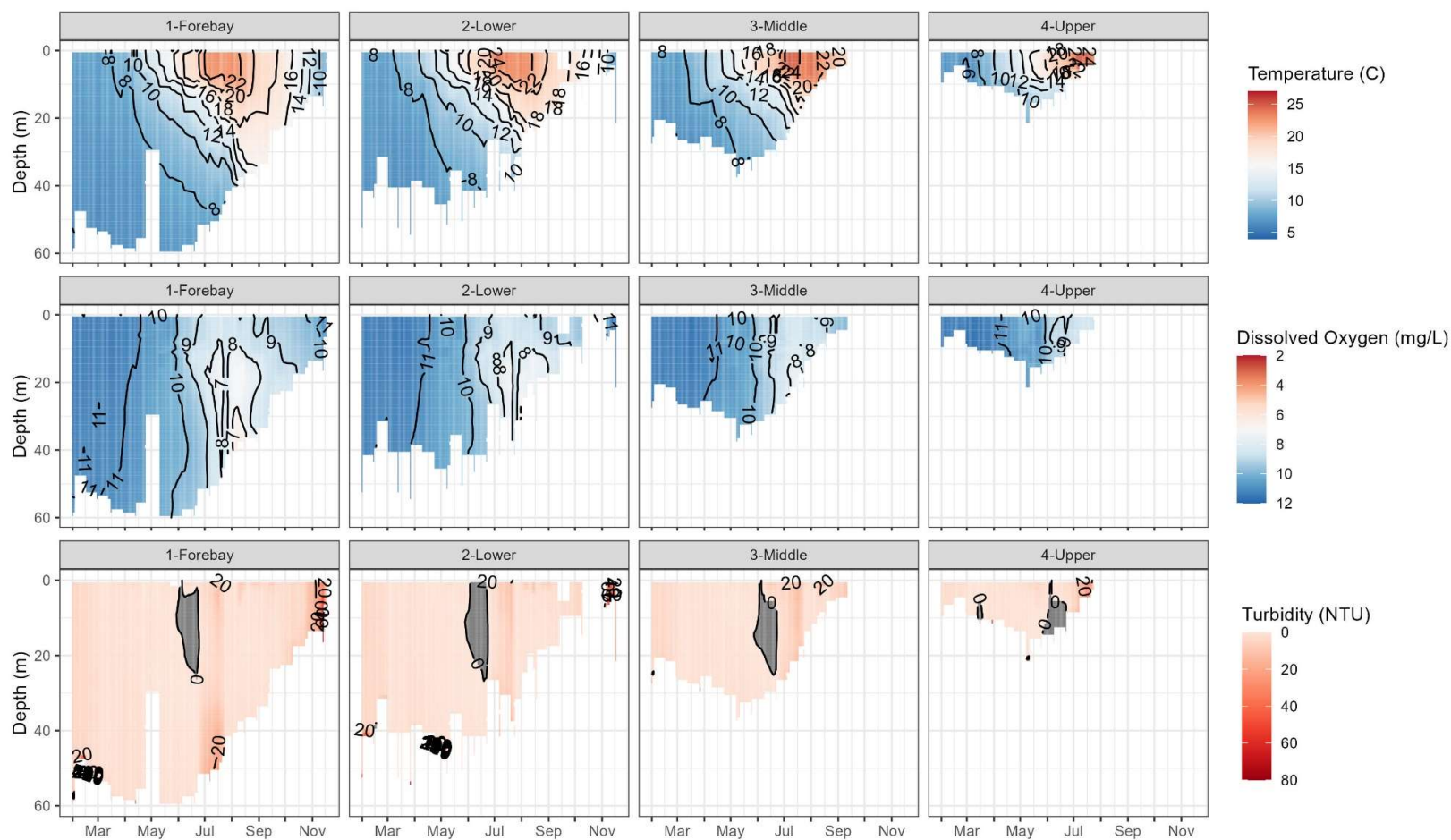


Figure 1. LOP 2024 limnology data. Note that turbidity data in gray are suspect due to a sensor malfunction/calibration issue. Readings in gray were slightly negative (erroneous) but secchi measurements taken concurrently support that turbidity was near zero.

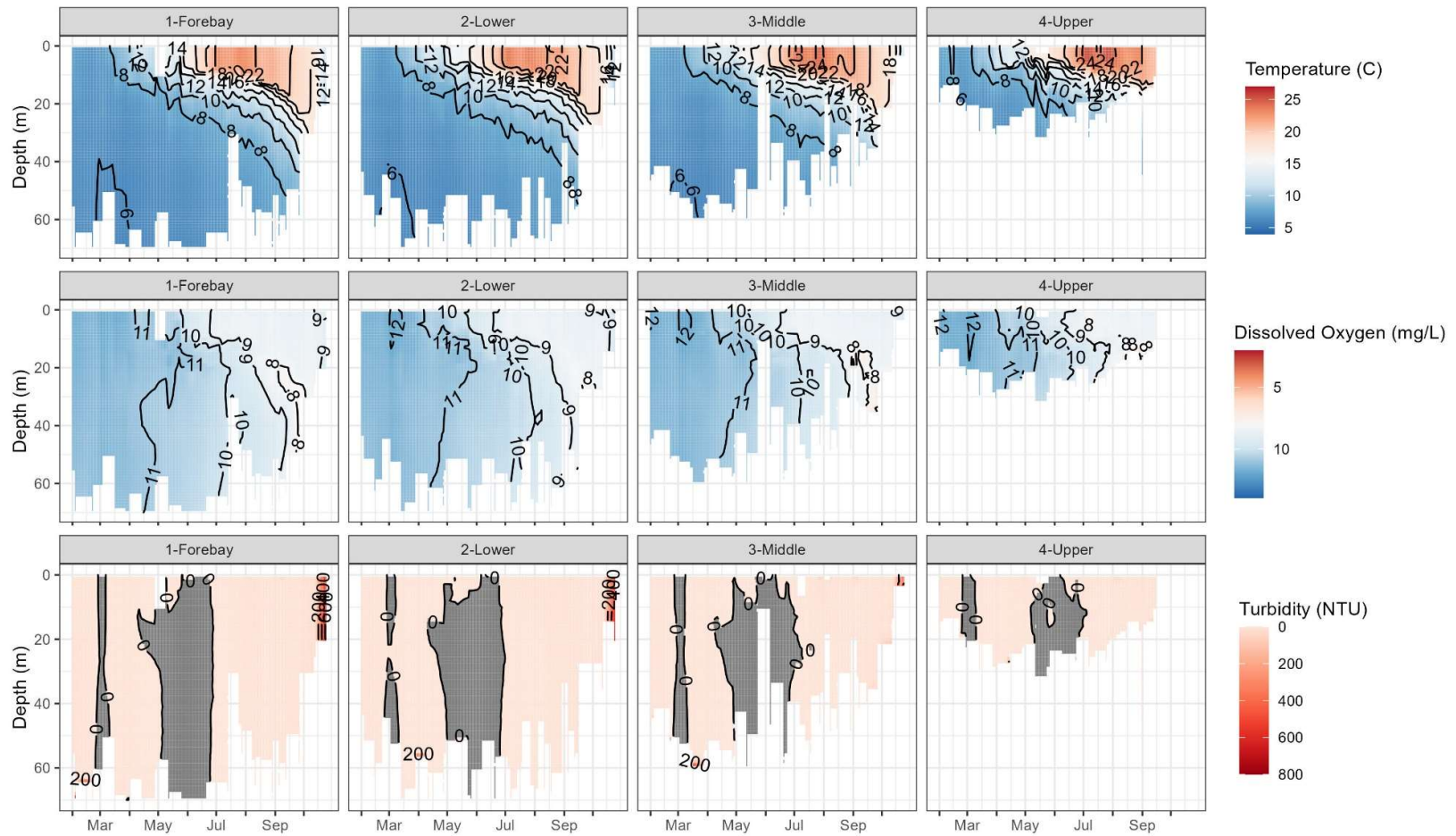


Figure 2. Green Peter 2024 limnology data. Note that turbidity data in gray are suspect due to a sensor malfunction/calibration issue. Readings in gray were slightly negative (erroneous) but secchi measurements taken concurrently support that turbidity was near zero.

RIVERINE SAMPLING SUMMARY

River sampling via seining during the reporting period was conducted in the Middle Santiam River only. Quartzville Creek was unable to be sampled due to a landslide blocking access to the intended sampling sites. The field crew has been working on training, improving sampling equipment, and developing protocols in the meantime. CFS also worked to get access to a logging road that goes around the slide area. Access has been granted by the landowner, Campbell Global, as of 1/31/2025 (Figure 3). Quartzville Creek is intended to be sampled via this route starting next bi-weekly reporting period.

The Middle Santiam River was sampled this reporting period from 1/23/2025 through 1/24/2025 and 1/29/2025 through 1/31/2025 (Table 6). Statistical Week 4 effort consisted of 17 hauls over 2 days. All hauls were performed with the 30 ft pole seine. The water temperature for the statistical week averaged 2.47 C (Table 7). Over two days of sampling (n=17 pole seine hauls, n=0 river seine hauls), 4 juvenile Chinook salmon, and 1 juvenile unidentified dace were captured. (Tables 6, 8, 9). Chinook salmon catch consisted of four natural origin fry. One Chinook salmon was tagged this reporting period in Middle Santiam with a VIE tag (Table 10).

Statistical Week 5 effort on the Middle Santiam consisted of 18 hauls over 3 days. All hauls were performed with the 30 ft pole seine. The water temperature for the statistical week averaged 2.18 C (Table 7). Over three days of sampling (n=18 pole seine hauls, n=0 river seine hauls), 1 juvenile Chinook salmon, and 1 juvenile unidentified dace were captured. (Tables 6, 8, 9). Chinook salmon catch consisted of one natural origin fry. No Chinook salmon were tagged during this sample period. The one Chinook salmon captured was a recapture from the previous week. The fish was recaptured in the same seine location.

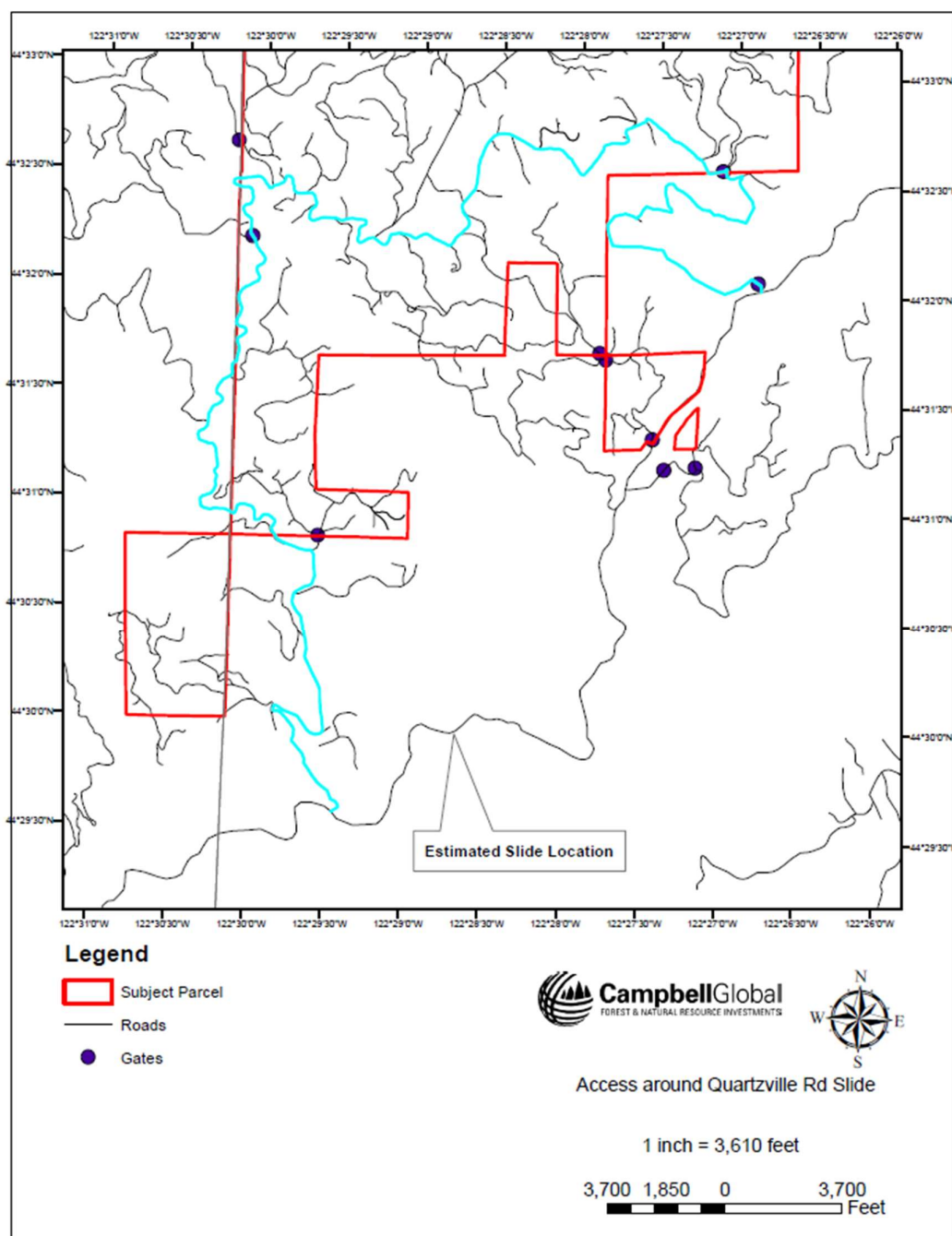


Figure 3. Route to Quartzville Sites.

Table 6. Start and end date by statistical week.

Week	Start	End	River	Seine Type	Effort (# Hauls)
4	1/23/2025	1/24/2025	Middle Santiam	Pole	17
4	1/23/2025	1/24/2025	Middle Santiam	River	0
5	1/29/2025	1/31/2024	Middle Santiam	Pole	18
5	1/29/2025	1/31/2024	Middle Santiam	River	0

Table 7. Mean water temperature per sample week.

Week	River	Mean Water Temperature °C
4	Middle Santiam	2.47
5	Middle Santiam	2.18

Table 8. Summary of total catch by river during 2025. CHS – Chinook salmon, RBT – *O. mykiss*, DACE – Unidentified Dace, SCU – Unidentified Sculpin.

Week	River	CHS	RBT	DACE	SCU
4	Middle Santiam	4	0	1	0
5	Middle Santiam	1	0	1	0

Table 9. Catch summary of target species by habitat unit type for 2025 sampling. CHS-AD = ad clipped Chinook salmon, CHS-natural = natural origin Chinook salmon, RBT-AD = ad clipped *O. mykiss*, RBT-natural = natural origin *O. mykiss*.

Week	River	Species	Lifestage	Riffle	Run	Pool	Pooltail	Eddy	Total
4	Middle Santiam	CHS-natural	fry	0	0	4	0	2	4
5	Middle Santiam	CHS-natural	fry	0	0	1	0	1	1

Table 10. Summary of target species lengths, tags implanted and recaptures from riverine sampling. MS = Middle Santiam.

Week	River	Species	Lifestage	Catch	length_min	length_mean	length_max	# VIE tagged	# PIT tagged	# recap
4	MS	CHS-natural	fry	4	32	35.2	40	1	0	0
5	MS	CHS-natural	fry	1	39	39	39	0	0	1

APPENDIX A. RESERVOIR SAMPLING ZONES

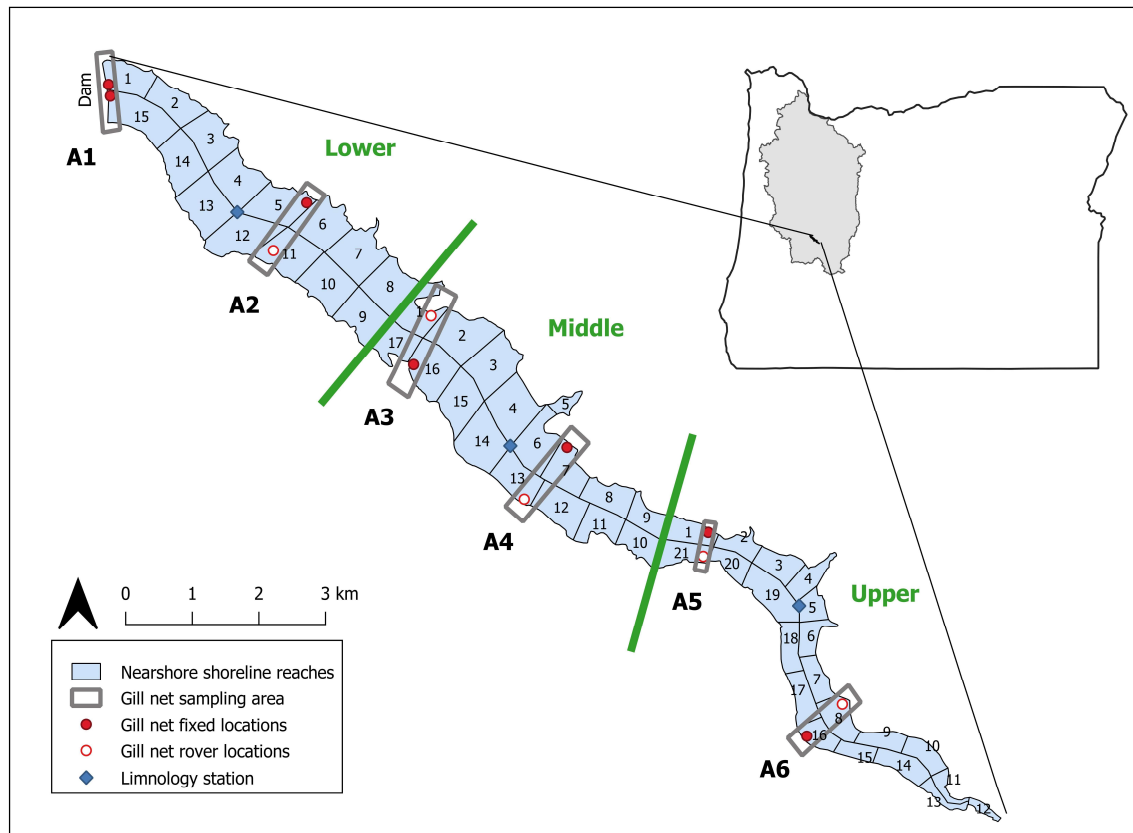


Figure A1. Map of LOP Reservoir nearshore shoreline reaches, reservoir zones (lower, middle and upper), gill netting sampling areas and limnological stations.

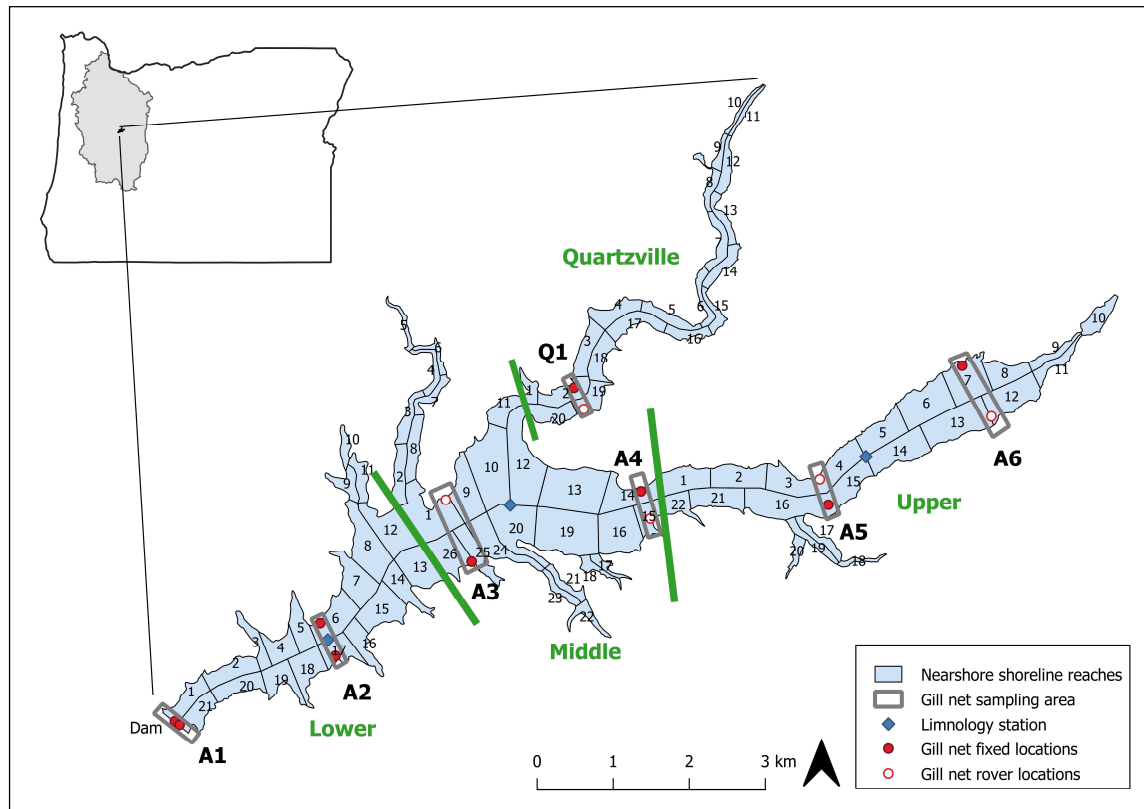


Figure A2. Map of Green Peter Reservoir nearshore shoreline reaches, reservoir zones (lower, middle and upper), gill netting sampling areas and limnological stations.