

Prepared by: Dillon Alegre, Grant Brink & Rachel Ellison, Environmental Assessment Services, LLC
 Report Period: October 16th to October 31st, 2023
 Report No.: 2023 Willamette RST Bi-Weekly Report 10/16-10/31 by EAS

Re: WILLAMETTE VALLEY FISH PASSAGE MONITORING VIA ROTARY SCREW TRAPS

Project Schedule

Table 1. Project Schedule.

| Site | Task | Start | End | Days |
|------------------------|--------------------------------------|------------|------------|------|
| Big Cliff Dam RST | Operation | 12/01/2021 | 02/15/2022 | 656 |
| Big Cliff Dam RST | Operation | 03/15/2022 | 10/15/2022 | |
| Big Cliff Dam RST | Operation | 10/15/2022 | 12/15/2022 | |
| Big Cliff Dam RST | Operation | 12/15/2022 | 3/15/2023 | |
| Big Cliff Dam RST | Operation | 3/16/2023 | 10/15/2023 | |
| Big Cliff Dam Tailrace | Trap Efficiency Release (1,000 Fish) | 12/22/2021 | 12/22/2021 | 1 |
| Big Cliff Dam Tailrace | Temporary Trap Removal and Install | 05/06/2022 | 05/13/2022 | 8 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (1,000 Fish) | 05/25/2022 | 05/25/2022 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (1,000 Fish) | 08/09/2022 | 08/09/2022 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (1,000 Fish) | 09/30/2022 | 09/30/2022 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (500 Fish) | 10/13/2022 | 10/13/2022 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (535 Fish) | 10/24/2022 | 10/24/2022 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (549 Fish) | 11/02/2022 | 11/02/2022 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (510 Fish) | 11/16/2022 | 11/16/2022 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (502 Fish) | 12/14/2022 | 12/14/2022 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (1,010 Fish) | 12/19/2022 | 12/19/2022 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (1,014 Fish) | 12/21/2022 | 12/21/2022 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (704 Fish) | 12/27/2022 | 12/27/2022 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (452 Fish) | 12/29/2022 | 12/29/2022 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (500 Fish) | 01/25/2023 | 01/25/2023 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (500 Fish) | 02/17/2023 | 02/17/2023 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (2,968 Fish) | 03/07/2023 | 03/07/2023 | 1 |

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|---|---|------------|------------|-----|
| Big Cliff Dam Tailrace | Trap Efficiency Release (541 Fish) | 03/10/2023 | 03/10/2023 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (498 Fish) | 04/28/2023 | 04/28/2023 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (500 Fish) | 05/23/2023 | 05/23/2023 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (500 Fish) | 6/21/2023 | 6/21/2023 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (500 Fish) | 7/5/2023 | 7/5/2023 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (474 Fish) | 8/3/2023 | 8/3/2023 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (424 Fish) | 9/19/2023 | 9/19/2023 | 1 |
| Big Cliff Dam Tailrace | Trap Efficiency Release (500 Fish) | 10/6/2023 | 10/6/2023 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Trap Install | 03/02/2022 | 03/02/2022 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Operation | 03/03/2022 | 05/07/2022 | 66 |
| Green Peter Tailrace- Middle Santiam River RST | Operation | 03/14/2023 | 11/30/2023 | 261 |
| Green Peter Tailrace- Middle Santiam River RST | Trap Efficiency Release (643 Fish) | 03/29/2022 | 03/29/2022 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Trap Efficiency Release (521 Fish) | 04/30/2022 | 04/30/2022 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Temporary Trap Removal | 05/12/2022 | 05/12/2022 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Trap Install | 03/14/2023 | 03/14/2023 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Anchor Install | 3/23/2023 | 3/31/2023 | 8 |
| Green Peter Tailrace- Middle Santiam River RST | Trap Efficiency Release (999 Live Fish) | 5/11/2023 | 5/11/2023 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Trap Efficiency Release (1,001 Dead Fish) | 5/11/2023 | 5/11/2023 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Trap Efficiency Release (1,000 Live Fish) | 5/25/2023 | 5/25/2023 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Trap Efficiency Release (1000 Dead Fish) | 6/30/2023 | 6/30/2023 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Trap Efficiency Release (1000 Live Fish) | 6/30/2023 | 6/30/2023 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Trap Efficiency Release (1009 Live Fish) | 7/27/2023 | 7/27/2023 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Trap Efficiency Release (1,008 Live Fish) | 8/16/2023 | 8/16/2023 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Trap Efficiency Release (1,000 Live Fish) | 8/31/2023 | 8/31/2023 | 1 |
| Green Peter Tailrace- Middle Santiam River RST | Trap Efficiency Release (1,005 Live Fish) | 10/4/2023 | 10/4/2023 | 1 |
| Foster Dam Head of Reservoir- South Santiam River RST | Trap Install | 03/16/2022 | 03/16/2022 | 1 |
| Foster Dam Head of Reservoir- South Santiam River RST | Operation | 03/16/2022 | 06/30/2022 | 107 |
| Foster Dam Head of Reservoir- South Santiam River RST | Trap Removal | 07/01/2022 | 07/01/2022 | 1 |
| Foster Dam Head of Reservoir- South Santiam River RST | Trap Install | 09/02/2022 | 09/02/2022 | 1 |
| Foster Dam Head of Reservoir- South Santiam River RST | Operation | 09/02/2022 | 11/30/2022 | 90 |

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|--|--|------------|------------|-----|
| Foster Dam Head of Reservoir-South Santiam River RST | Trap Removal | 12/01/2022 | 12/01/2022 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trap Install | 01/30/2023 | 01/30/2023 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Operation | 02/01/2023 | 11/30/2023 | 302 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (1,000 fish) | 09/29/2022 | 09/29/2022 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (840 fish) | 10/25/2022 | 10/25/2022 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (1,006 fish) | 11/01/2022 | 11/01/2022 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (1,007 fish) | 11/09/2022 | 11/09/2022 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (1,009 fish) | 11/15/2022 | 11/15/2022 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (933 fish) | 11/22/2022 | 11/22/2022 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trap Removal | 12/06/2022 | 12/06/2022 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trap Install | 1/31/2023 | 1/31/2023 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (1005 fish) | 02/27/2023 | 02/27/2023 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (995 fish) | 03/09/2023 | 03/09/2023 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (1,025 fish) | 03/15/2023 | 03/15/2023 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (985 fish) | 05/11/2023 | 05/11/2023 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (1003 fish) | 6/2/2023 | 6/2/2023 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (1000 fish) | 6/29/2023 | 6/29/2023 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (989 fish) | 7/27/2023 | 7/27/2023 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (1,000 fish) | 8/31/2023 | 8/31/2023 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (1,000 fish) | 9/26/2023 | 9/26/2023 | 1 |
| Foster Dam Head of Reservoir-South Santiam River RST | Trapping Efficiency Release (1,016 fish) | 10/10/2023 | 10/10/2023 | 1 |
| Cougar Dam RST | Operation | 11/30/2021 | 11/30/2022 | 730 |
| Cougar Dam RST | Operation | 11/30/2022 | 11/30/2023 | |

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|------------------------------|---|------------|------------|-----|
| Cougar Dam | Trap Efficiency Release (1,200 Fish, 600 per route) | 01/19/2022 | 01/19/2022 | 1 |
| Cougar Dam | Trap Efficiency Release (735 Fish, ~365 per route) | 04/20/2022 | 04/20/2022 | 1 |
| Cougar Dam | Trap Efficiency Release (993 Fish, RO route) | 05/15/2022 | 05/15/2022 | 1 |
| Cougar Dam | Trap Efficiency Release (500 Fish, PH route) | 07/19/2022 | 07/19/2022 | 1 |
| Cougar Dam | Trap Efficiency Release (501 Fish, PH route) | 08/11/2022 | 08/11/2022 | 1 |
| Cougar Dam | Trap Efficiency Release (442 Fish, RO route) | 10/14/2022 | 10/14/2022 | 1 |
| Cougar Dam | Trap Efficiency Release (504 Fish, RO route) | 11/22/2022 | 11/22/2022 | 1 |
| Cougar Dam | Trap Efficiency Release (506 Fish, RO route) | 12/13/2022 | 12/13/2022 | 1 |
| Cougar Dam | Trap Efficiency Release (1,015 Fish, RO route) | 12/15/2022 | 12/15/2022 | 1 |
| Cougar Dam | Trap Efficiency Release (500 Fish, RO route) | 12/20/2022 | 12/20/2022 | 1 |
| Cougar Dam | Trap Efficiency Release (445 Fish, RO route) | 12/28/2022 | 12/28/2022 | 1 |
| Cougar Dam | Trap Efficiency Release (843 Fish, PH route) | 01/12/2023 | 01/12/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (500 Fish, RO route) | 01/30/2023 | 01/30/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (511 Fish, RO route) | 3/23/2023 | 3/23/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (500 Fish, PH route) | 3/23/2023 | 3/23/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (491 Fish, RO route) | 3/30/2023 | 3/30/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (497 Fish, PH route) | 3/30/2023 | 3/30/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (500 Fish, RO route) | 4/18/2023 | 4/18/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (197 Fish, PH route) | 4/18/2023 | 4/18/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (499 Fish, RO route) | 05/10/2023 | 05/10/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (499 Fish, PH route) | 05/10/2023 | 05/10/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (507 Fish, PH route) | 6/6/2023 | 6/6/2023 | 1 |
| Cougar Dam | Temporary RO removal | 6/8/2023 | 6/8/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (510 Fish, PH route) | 7/26/2023 | 7/26/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (500 Fish, PH route) | 9/21/2023 | 9/21/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (500 Fish, PH route) | 10/11/2023 | 10/11/2023 | 1 |
| Cougar Dam | Trap Efficiency Release (518 Fish, RO route) | 10/11/2023 | 10/11/2023 | 1 |
| Cougar Dam Head of Reservoir | Highline and Trap Install | 03/07/2022 | 03/07/2022 | 1 |
| Cougar Dam Head of Reservoir | Operation | 03/08/2022 | 06/30/2022 | 115 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (806 Fish) | 03/18/2022 | 03/18/2022 | 1 |

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|------------------------------|--------------------------------------|------------|------------|-----|
| Cougar Dam Head of Reservoir | Trap Efficiency Release (500 Fish) | 05/19/2022 | 05/19/2022 | 1 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (515 Fish) | 06/23/2022 | 06/23/2022 | 1 |
| Cougar Dam Head of Reservoir | Trap Removal | 07/01/2022 | 07/01/2022 | 1 |
| Cougar Dam Head of Reservoir | Highline Install | 09/14/2022 | 09/14/2022 | 1 |
| Cougar Dam Head of Reservoir | Trap Install | 09/16/2022 | 09/16/2022 | 1 |
| Cougar Dam Head of Reservoir | Operation | 09/16/2022 | 11/30/2022 | 76 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (551 Fish) | 09/22/2022 | 09/22/2022 | 1 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (608 Fish) | 10/5/2022 | 10/5/2022 | 1 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (721 Fish) | 11/10/2022 | 11/10/2022 | 1 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (719 Fish) | 11/16/2022 | 11/16/2022 | 1 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (752 Fish) | 11/23/2022 | 11/23/2022 | 1 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (620 Fish) | 11/29/2022 | 11/29/2022 | 1 |
| Cougar Dam Head of Reservoir | Trap Removal | 11/30/2022 | 11/30/2022 | 1 |
| Cougar Dam Head of Reservoir | Trap Install | 1/31/2023 | 1/31/2023 | 1 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (506 Fish) | 4/14/2023 | 4/14/2023 | 1 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (508 Fish) | 05/10/2023 | 05/10/2023 | 1 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (597 Fish) | 05/16/2023 | 05/16/2023 | 1 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (510 Fish) | 6/8/2023 | 6/8/2023 | 1 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (758 Fish) | 7/27/2023 | 7/27/2023 | 1 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (745 Fish) | 9/21/2023 | 9/21/2023 | 1 |
| Cougar Dam Head of Reservoir | Trap Efficiency Release (750 Fish) | 10/19/2023 | 10/19/2023 | 1 |
| Dexter Dam Tailrace RST | Highline Install | 03/02/2022 | 03/02/2022 | 1 |
| Dexter Dam Tailrace RST | Trap Install | 03/03/2022 | 03/03/2022 | 1 |
| Dexter Dam Tailrace RST | Operation | 03/07/2022 | 12/16/2022 | 649 |
| Dexter Dam Tailrace RST | Operation | 12/16/2022 | 12/16/2023 | |
| Dexter Dam Tailrace RST | Trap Efficiency Release (988 Fish) | 03/23/2022 | 03/23/2022 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (1000 Fish) | 05/04/2022 | 05/04/2022 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (1019 Fish) | 05/24/2022 | 05/24/2022 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (981 Fish) | 07/21/2022 | 07/21/2022 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (1007 Fish) | 10/26/2022 | 10/26/2022 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (775 Fish) | 11/01/2022 | 11/01/2022 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (991 Fish) | 11/17/2022 | 11/17/2022 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (1,010 Fish) | 12/06/2022 | 12/06/2022 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (1,025 Fish) | 12/15/2022 | 12/15/2022 | 1 |

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|-------------------------------------|--------------------------------------|------------|------------|-----|
| Dexter Dam Tailrace RST | Trap Efficiency Release (1,200 Fish) | 3/16/2023 | 3/16/2023 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (1,199 Fish) | 3/29/2023 | 3/29/2023 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (4,006 Fish) | 5/25/2023 | 5/25/2023 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (4,010 Fish) | 6/7/2023 | 6/7/2023 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (4028 Fish) | 6/21/2023 | 6/21/2023 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (4000 Fish) | 7/6/2023 | 7/6/2023 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (1,505 Fish) | 8/2/2023 | 8/2/2023 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (4,012 Fish) | 8/23/2023 | 8/23/2023 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (4,037 Fish) | 9/6/2023 | 9/6/2023 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (4,001 Fish) | 10/4/2023 | 10/4/2023 | 1 |
| Dexter Dam Tailrace RST | Trap Efficiency Release (1,514 Fish) | 10/24/2023 | 10/24/2023 | 1 |
| Lookout Dam Tailrace RSTs | Operation | 03/15/2022 | 07/31/2022 | 503 |
| Lookout Dam Tailrace RSTs | Operation | 08/01/2022 | 10/17/2022 | |
| Lookout Dam Tailrace RSTs | Operation | 10/17/2022 | 7/31/2023 | |
| Lookout Dam Powerhouse | Trap Efficiency Release (998 Fish) | 4/13/2022 | 4/13/2022 | 1 |
| Lookout Dam Powerhouse | Trap Efficiency Release (3,999 Fish) | 5/23/2023 | 5/23/2023 | 1 |
| Lookout Dam Powerhouse | Trap Efficiency Release (4,011 Fish) | 6/1/2023 | 6/1/2023 | 1 |
| Lookout Dam Powerhouse | Trap Efficiency Release (4,010 Fish) | 6/14/2023 | 6/14/2023 | 1 |
| Lookout Dam Powerhouse | Trap Efficiency Release (4,010 Fish) | 6/28/2023 | 6/28/2023 | 1 |
| Lookout Dam Powerhouse | Trap Efficiency Release (4,012 Fish) | 7/18/2023 | 7/18/2023 | 1 |
| Lookout Point Head of Reservoir RST | Trap Install | 03/06/2022 | 03/06/2022 | 1 |
| Lookout Point Head of Reservoir RST | Operation | 03/07/2022 | 12/16/2022 | 651 |
| Lookout Point Head of Reservoir RST | Operation | 12/16/2022 | 12/16/2023 | |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (993 fish) | 04/05/2022 | 04/05/2022 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (989 fish) | 04/14/2022 | 04/14/2022 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (1007 fish) | 05/18/2022 | 05/18/2022 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (1005 fish) | 07/20/2022 | 07/20/2022 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (506 fish) | 10/27/2022 | 10/27/2022 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (510 fish) | 11/17/2022 | 11/17/2022 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (510 fish) | 12/12/2022 | 12/12/2022 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (516 fish) | 01/13/2023 | 01/13/2023 | 1 |

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|-------------------------------------|---|------------|------------|-----|
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (760 fish) | 6/2/2023 | 6/2/2023 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (765 fish) | 6/15/2023 | 6/15/2023 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (769 fish) | 6/29/2023 | 6/29/2023 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (765 fish) | 7/19/2023 | 7/19/2023 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (677 fish) | 8/22/2023 | 8/22/2023 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (751 fish) | 8/31/2023 | 8/31/2023 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (787 fish) | 9/20/2023 | 9/20/2023 | 1 |
| Lookout Point Head of Reservoir RST | Trap Efficiency Release (755 fish) | 10/26/2023 | 10/26/2023 | 1 |
| Fall Creek Dam Tailrace RST | Operation | 03/15/2022 | 07/15/2022 | 123 |
| Fall Creek Dam Tailrace RST | Operation | 10/15/2022 | 03/15/2023 | 275 |
| Fall Creek Dam Tailrace RST | Operation | 03/15/2023 | 07/15/2023 | |
| Fall Creek Dam Tailrace RST | Trap Efficiency Release (518 fish) | 06/08/2022 | 06/08/2022 | 1 |
| Fall Creek Dam Tailrace RST | Trap Efficiency Release (513 fish) | 06/30/2022 | 06/30/2022 | 1 |
| Fall Creek Dam Tailrace RST | Trap Efficiency Release (500 fish) | 07/13/2022 | 07/13/2022 | 1 |
| Fall Creek Dam Tailrace RST | Deployment | 10/15/2022 | 10/15/2022 | 1 |
| Fall Creek Dam Tailrace RST | Trap Efficiency Release (1,000 fish) | 05/11/2023 | 05/11/2023 | 1 |
| Fall Creek Dam Tailrace RST | Trap Efficiency Release (992 fish) | 6/28/2023 | 6/28/2023 | 1 |
| Fall Creek Dam Tailrace RST | Trap Efficiency Release (1006 fish) | 7/11/2023 | 7/11/2023 | 1 |
| Fall Creek Head of Reservoir RST | Trap and Highline Install | 01/11/2022 | 01/11/2022 | 1 |
| Fall Creek Head of Reservoir RST | Operation | 01/02/2022 | 05/31/2022 | 150 |
| Fall Creek Head of Reservoir RST | Removal | 06/02/2022 | 06/02/2022 | 1 |
| Fall Creek Head of Reservoir RST | Highline Install | 1/17/2023 | 1/17/2023 | 1 |
| Fall Creek Head of Reservoir RST | Trap Install | 1/18/2023 | 1/18/2023 | 1 |
| Fall Creek Head of Reservoir RST | Operation | 1/18/2023 | 05/30/2023 | 132 |
| Fall Creek Head of Reservoir RST | Trap Efficiency Release (756 fish) | 05/05/2023 | 05/05/2023 | 1 |
| Fall Creek Head of Reservoir RST | Trap Efficiency Release (750 fish) | 05/10/2023 | 05/10/2023 | 1 |
| Fall Creek Head of Reservoir RST | Trap Efficiency Release (511 fish) | 05/18/2023 | 05/18/2023 | 1 |
| Fall Creek Head of Reservoir RST | Trap Efficiency Release (760 fish) | 05/24/2023 | 05/24/2023 | 1 |
| Hills Creek Dam RO and PWR | Deployment | 10/12/2021 | 10/12/2021 | 1 |
| Hills Creek Dam RO | Operation | 10/15/2021 | 03/01/2022 | 138 |
| Hills Creek Dam PWR | Operation | 10/15/2021 | 03/01/2022 | 138 |
| Hills Creek Dam | Trap Efficiency Release (1,200 fish, 600 per route) | 01/6/2022 | 01/6/2022 | 1 |
| Hills Creek Dam | Trap Efficiency Release (1,200 fish, 600 per route) | 02/16/2022 | 02/16/2022 | 1 |

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|----------------------|--|------------|------------|-----|
| Hills Creek Dam | Trap Efficiency Release (1,200 fish, 600 per route) | 02/23/2022 | 02/23/2022 | 1 |
| Hills Creek Dam RSTs | Trap Removal | 03/01/2022 | 03/01/2022 | 1 |
| Hills Creek Dam RSTs | Trap Install | 09/14/2022 | 09/14/2022 | 1 |
| Hills Creek Dam RSTs | Deployment | 9/15/2022 | 9/15/2022 | 1 |
| Hills Creek Dam RO | Operation | 09/15/2022 | 06/30/2023 | 289 |
| Hills Creek Dam PWR | Operation | 09/15/2022 | 06/30/2023 | 289 |
| Hills Creek Dam | Trap Efficiency Release (514 fish, PWR Route) | 12/07/2022 | 12/07/2022 | 1 |
| Hills Creek Dam | Trap Efficiency Release (516 fish, RO Route) | 12/13/2022 | 12/13/2022 | 1 |
| Hills Creek Dam | Trap Efficiency Release (482 fish, RO Route) | 02/25/2023 | 02/25/2023 | 1 |
| Hills Creek Dam | Trap Efficiency Release (528 fish, PWR Route) | 02/25/2023 | 02/25/2023 | 1 |
| Hills Creek Dam | Trap Efficiency Release (506 fish, PWR Route) | 4/26/2023 | 4/26/2023 | 1 |
| Hills Creek Dam | Trap Efficiency Release (505 fish, PWR Route) | 5/17/2023 | 5/17/2023 | 1 |
| Hills Creek Dam | Trap Efficiency Release (508 fish, PWR Route) | 6/3/2023 | 6/3/2023 | 1 |
| Hills Creek Dam | Trap Efficiency Release (760 fish, RO Route) | 6/13/2023 | 6/13/2023 | 1 |
| Hills Creek Dam | Trap Efficiency Release (507 fish, PWR Route) | 6/27/2023 | 6/27/2023 | 1 |
| Hills Creek Dam | Removal | 6/30/2023 | 6/30/2023 | 1 |

Table 2. Sampling Dates for Reporting Period.

| Site | Total Sampling Period Start | Current Reporting Period Start | Current Reporting Period End | Days Sampled This Period | Total Days Sampled |
|---------------------------------|-----------------------------|--------------------------------|------------------------------|--------------------------|--------------------|
| Big Cliff Dam | 12/1/2021 | N/A | N/A | N/A | 597 |
| Green Peter Dam | 3/14/2023 | 10/16/2023 | 10/31/2023 | 16 | 221 |
| Foster Dam Head of Reservoir | 2/1/2023 | 10/16/2023 | 10/31/2023 | 16 | 262 |
| Cougar Dam PH | 12/1/2021 | 10/16/2023 | 10/31/2023 | 16 | 580 |
| Cougar Dam RO | 12/1/2021 | 10/16/2023 | 10/31/2023 | 16 | 522 |
| Cougar Dam Head of Reservoir | 2/1/2023 | 10/16/2023 | 10/31/2023 | 15 | 238 |
| Fall Creek Dam Tailrace | 3/15/2022 | N/A | N/A | N/A | 326 |
| Fall Creek Head of Reservoir | 1/18/2023 | N/A | N/A | N/A | 125 |
| Dexter Dam Tailrace | 3/7/2022 | 10/16/2023 | 10/31/2023 | 16 | 589 |
| Lookout Dam Tailrace | 3/15/2022 | N/A | N/A | N/A | 484 |
| Lookout Point Head of Reservoir | 3/10/2022 | 10/16/2023 | 10/31/2023 | 12 | 602 |
| Hills Creek Dam | 9/16/2022 | N/A | N/A | N/A | 144 |

Table 3. Willamette Valley Rotary Screw Trap Monitoring Catch Summary.

| Site | Species | Catch (Reporting Period) | Recapture (Reporting Period) | Total Catch |
|---------------------------------|---------|-----------------------------|---------------------------------|-------------|
| Big Cliff Dam | CHS | N/A | N/A | 579 |
| Big Cliff Dam | STW | N/A | N/A | 246 |
| Green Peter Tailrace | CHS | 0 | 0 | 102 |
| Green Peter Tailrace | STW | 0 | 0 | 12 |
| Foster Dam Head of Reservoir | CHS | 4 | 0 | 582 |
| Foster Dam Head of Reservoir | STW | 20 | 0 | 159 |
| Cougar Dam | CHS | 1470 | 82 | 2539 |
| Cougar Dam Head of Reservoir | CHS | 34 | 42 | 5807 |
| Fall Creek Dam Tailrace | CHS | N/A | N/A | 61 |
| Fall Creek Head of Reservoir | CHS | N/A | N/A | 148 |
| Dexter Dam Tailrace | CHS | 0 | 18 | 24 |
| Lookout Dam Tailrace | CHS | N/A | N/A | 49 |
| Lookout Point Head of Reservoir | CHS | 0 | 0 | 134 |
| Hills Creek Dam | CHS | N/A | N/A | 364 |

Summary of Rotary Screw Trap Data

Rotary screw traps (RSTs) have been operated at eleven locations in the southern Willamette River watershed. For this reporting period, traps were operated at the following six locations: Green Peter Dam Tailrace, Foster Dam Head of Reservoir- South Santiam River, Cougar Dam, Cougar Dam Head of Reservoir, Dexter Dam Tailrace, and Lookout Point Head of Reservoir. The trap at the Fall Creek Head of Reservoir site was removed at the end of monitoring period on May 31st.

Sampling at Lookout Dam Tailrace concluded on July 31, 2023 and is now being conducted under a separate contract. Lookout Dam Tailrace sampling will be reported in the Willamette Valley Downstream Fish Passage report under contract W9127N19D0009 from August 1st, 2023 on. Sampling duration and total catch for the RST contract are summarized in tables 1-3 above.

As of July 1, 2023, sampling at Hills Creek Dam Tailrace is being conducted under a separate contract. Hills Creek Dam Tailrace sampling will be reported in the Willamette Valley Downstream Fish Passage report under contract W9127N19D0009 from July 1st, 2023 on. Sampling duration and total catch for sampling performed at Hills Creek dam under contract W9127N19D0007 are summarized in tables 1-3 above.

As of July 16, 2023, sampling at Fall Creek Dam Tailrace is now being conducted under a separate contract. Fall Creek Dam Tailrace sampling will be reported in the Willamette Valley Downstream Fish Passage report under contract W9127N19D0009 from July 16th, 2023 on. Sampling duration and total catch for sampling performed at Fall Creek Dam under contract W9127N19D0007 are summarized in tables 1-3 above.

As of October 16, 2023, sampling at Big Cliff Dam Tailrace is now being conducted under a separate contract. Big Cliff Dam Tailrace sampling will be reported in the Willamette Valley Downstream Fish Passage report under contract W9127N19D0009 from October 16th, 2023 on. Sampling duration and total catch for sampling performed at Big Cliff Dam under contract W9127N19D0007 are summarized in tables 1-3 above.

Below Dam sites that include both RO and PWR to monitor passage routes include South Fork McKenzie River below Cougar Dam and on the Middle Fork of the Willamette River in the Lookout Dam Tailrace, and Hills Creek Dam. Below dam sites that include one RST to monitor passage include Big Cliff Dam, Green Peter Tailrace- Middle Santiam, the Middle Fork of the Willamette River below Dexter Dam and Fall Creek Dam Tailrace which is a tributary on the Middle Fork of the Willamette. At the Green Peter Dam Tailrace, the single RST is placed to sample fish passing through spillways, regulating outlets, and powerhouse outlets. The RST at Dexter Dam is placed to monitor fish passage through the spillways and powerhouse outlets. The RST in the Fall Creek Dam Tailrace is placed in a position to sample fish passing through the regulating outlet.

Above reservoir sites include Fall Creek Head of Reservoir, Lookout Point Head of Reservoir on the Middle Fork Willamette River, Foster Dam Head of Reservoir- South Santiam, and Cougar Dam Head of Reservoir on the South Fork McKenzie.

Sampling start dates are included in table 2 and season total collection numbers are displayed in table 3. The locations of the RST's are depicted in Figures 1 through 7.



FIGURE 1 Green Peter Tailrace
- Middle Santiam River

● RST Locations

500 Feet





Imagery Source: 2021, ESRI.



FIGURE 2 Foster Dam Head of Reservoir
-South Santiam River

● RST Locations

500 Feet



EAS ENVIRONMENTAL ASSESSMENT SERVICES

 Wholly Owned Subsidiary of Natives of Kodiak



FIGURE 3
Cougar Dam

● RST Locations

500 Feet





Imagery Source: 2020, NAIP.



FIGURE 4
Cougar Dam Head of Reservoir

● RST Locations

500 Feet



EAS ENVIRONMENTAL ASSESSMENT SERVICES

 Wholly Owned Subsidiary of Natives of Kodiak



FIGURE 5
Fall Creek Head of Reservoir

● RST Locations

500 Feet





Imagery Source: 2021, ESRI.

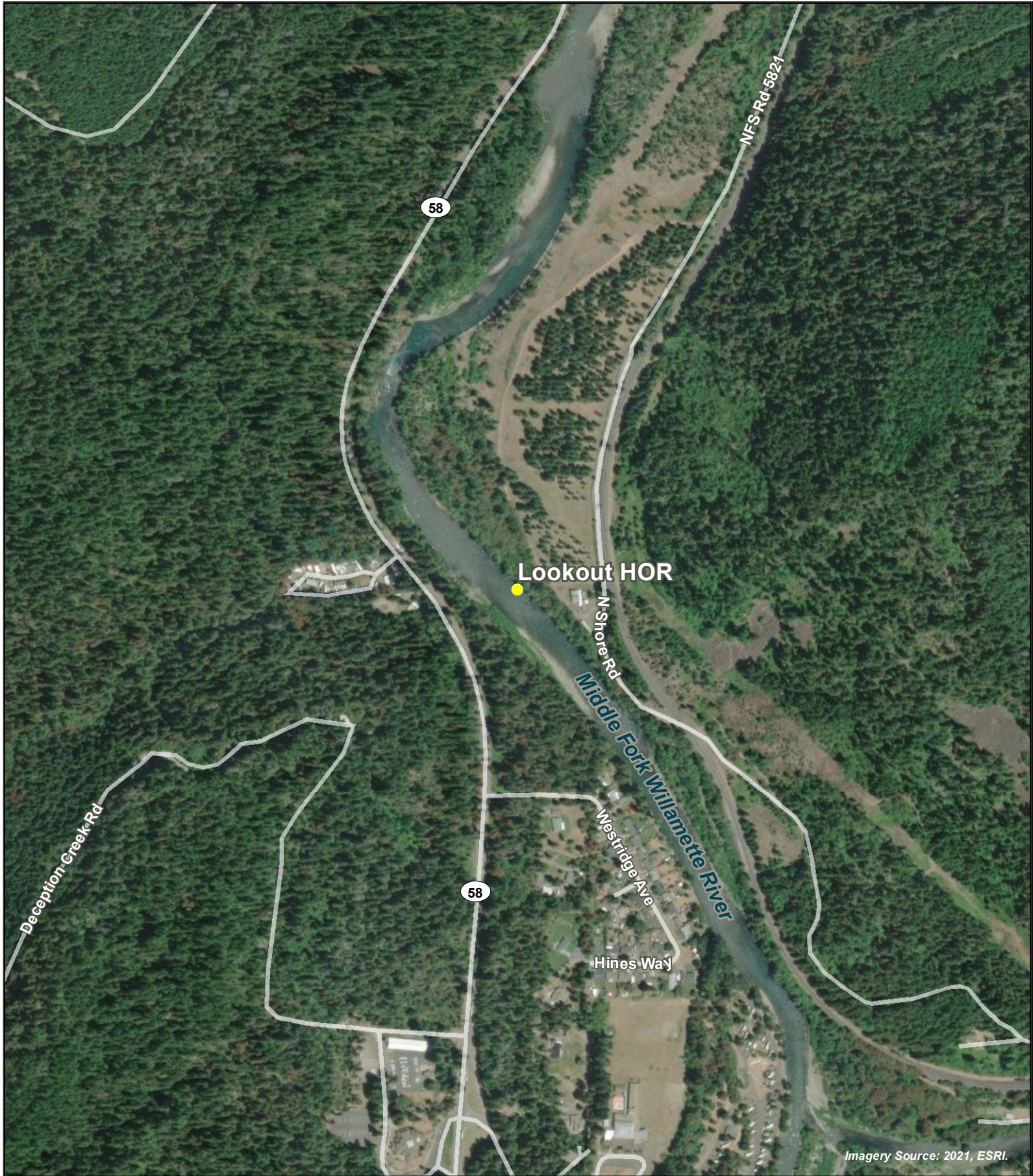


FIGURE 6
Dexter Dam Tailrace

● RST Locations

500 Feet





Imagery Source: 2021, ESRI.



FIGURE 7
Lookout Point Head of Reservoir

● RST Locations

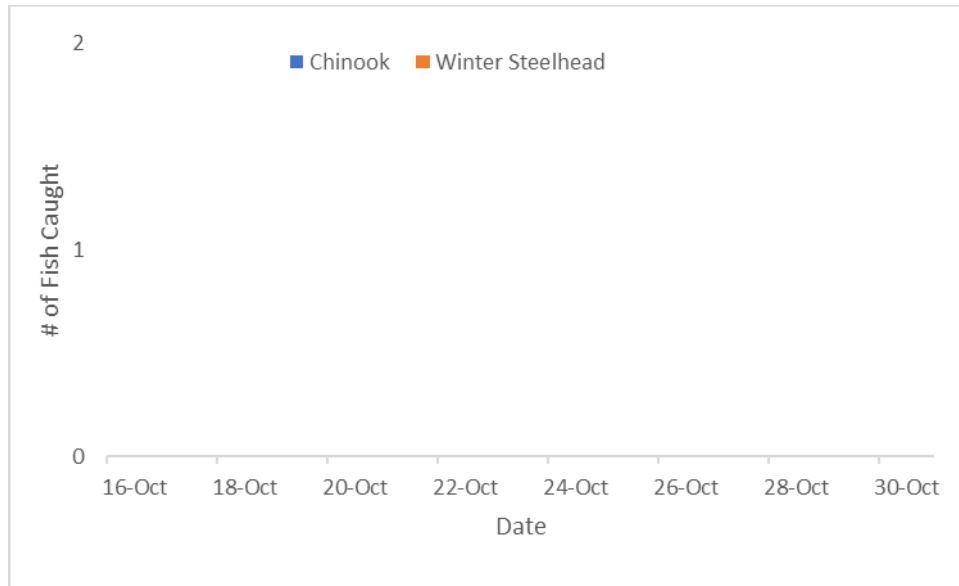
500 Feet



Middle Fork Santiam– Green Peter Tailrace

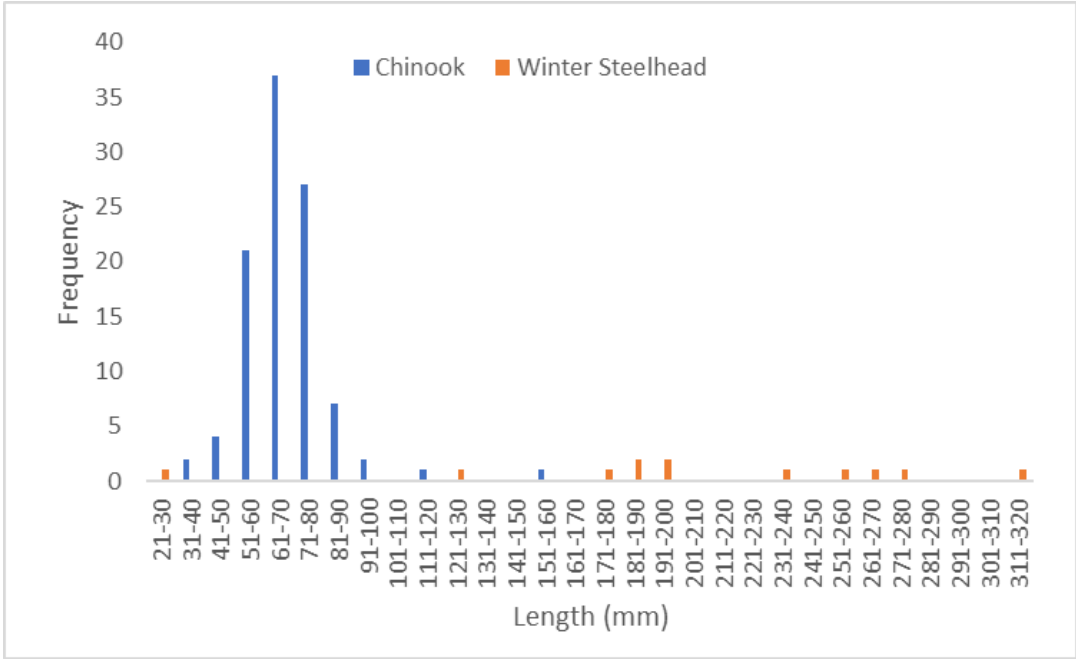
Target Species

This reporting period began on October 16th and ended on October 31st. 0 Chinook Salmon (CHS) and 0 Winter Steelhead (STW) were captured during the 16-day sampling period. Sampling duration was 100% for the RST. Table 4 provides life stage, length, and weight data for all target species that have been caught at the Green Peter Dam site to-date and for the reporting period. Figure 8 shows the daily capture numbers for Chinook and Winter Steelhead and Figure 9 shows length frequency data to date.



**Recaptured fish for trapping efficiency trials not included.*

Figure 8. Chinook and Winter Steelhead Captured Per Day 10/16/2023 to 10/31/2023 (Green Peter Tailrace- Middle Santiam).



**Figure does not include fish without heads or fish used for trapping efficiency trials.*

Figure 9. Length Frequency of Juvenile Chinook and Winter Steelhead Sampled in 2023 (Green Peter Tailrace- Middle Santiam River).

Table 4. Descriptive Statistics of Target Species Captured at the Green Peter Tailrace-Middle Santiam River Season To-Date.

| To-Date (Since Jan. 1, 2023) | | | | | | | | | | |
|------------------------------|-------|---------|------------|-----------|--------------|-----|-------|-------------|-------|-------|
| Site | Route | Species | Life stage | Collected | Length (mm)* | | | Weight (g)* | | |
| | | | | | Min | Max | Mean | Min | Max | Mean |
| Green Peter Dam Tailrace | Spill | CHS | Fry | 15 | 33 | 66 | 52.8 | 1.0 | 4.4 | 2.5 |
| | | CHS | Parr | 83 | 44 | 120 | 69.3 | 1.1 | 18.9 | 4.0 |
| | | CHS | Smolt | 4 | 73 | 155 | 102.5 | 3.3 | 35.3 | 35.3 |
| | | STW | Fry | 1 | 29 | 29 | 29 | N/A | N/A | N/A |
| | | STW | Parr | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | STW | Smolt | 11 | 125 | 318 | 219.2 | 9.0 | 340.0 | 112.0 |

| October 16-31, 2023 | | | | | | | | | | |
|--------------------------|-------|---------|------------|-----------|--------------|-----|------|-------------|-----|------|
| Site | Route | Species | Life stage | Collected | Length (mm)* | | | Weight (g)* | | |
| | | | | | Min | Max | Mean | Min | Max | Mean |
| Green Peter Dam Tailrace | Spill | CHS | Fry | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | CHS | Parr | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | CHS | Smolt | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | STW | Fry | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | STW | Parr | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | STW | Smolt | 0 | N/A | N/A | N/A | N/A | N/A | N/A |

*Fish that were missing heads are not included in length and weight calculations.

Trapping Efficiency

A total of 1,005 juvenile hatchery Chinook (parr) were adipose fin clipped, Bismarck brown dyed, and released for fish trapping efficiency on 10/4/2023 below Green Peter Dam. 0 Chinook were recaptured for a trap efficiency of 0.0%.

| Green Peter Dam Tailrace | Release # | Recapture # | Capture Efficiency |
|--------------------------|-----------|-------------|--------------------|
| 8 ft Trap | 1,005 | 0 | 0.0% (0/1005) |

24-Hour Post Collection Holding Trial

0 Spring Chinook and 0 Winter Steelhead were captured during the current reporting period and held for 24 hours. 0 Chinook (0.0%) and 0 Winter Steelhead (0.0%) died in holding.

Injuries and Copepod Infection

Partial descaling <20% was observed in 0 of the 0 Spring Chinook captured (0.0%) and 0 displayed descaling >20% (0.0%), 0 displayed body injury (0.0%), 0 had eye injury (0.0%), 0 had copepods present in the branchial cavity (0.0%) and 0 had copepods on fins (0.0%). 0 Spring Chinook displayed gas bubble disease (level 2) (0.0%). There were 0 mortalities (0.0%).

Partial descaling <20% was observed in 0 of the 0 Winter Steelhead captured (0.0%) and 0 displayed descaling >20% (0.0%), 0 displayed body injury (0.0%), 0 had eye injury (0.0%), 0 had copepods present in the branchial cavity (0.0%) and 0 had copepods on fins (0.0%). 0 Winter Steelhead displayed gas bubble disease (0.0%). There was 0 mortalities (0.0%).

A summary of injuries observed on Chinook Salmon and Winter Steelhead during the reporting period is provided in Table 5, and target species injuries for the duration of the season are provided in Appendix A.

Table 5. Number of Descaled, Bodily/Eye Injured, Copepod Infected and Dead Chinook Salmon and Winter Steelhead for Sampling Period (Green Peter Tailrace- Middle Santiam River).

| Site | Species | # Collected | # DSC* <20% | # DSC* >20% | # with Body Injuries | # with Eye Injuries | # with COP* In B.C. | # with COP* on Fins | Mortalities |
|----------------------|---------|-------------|-------------|-------------|----------------------|---------------------|---------------------|---------------------|-------------|
| Green Peter Tailrace | CHS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | STW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

*DSC=Descaled, COP=Copepods, B.C.=Branchial Cavity

Collected DNA and Scale Samples

DNA was collected from 0 Spring Chinook and 0 Winter Steelhead for the reporting period. Scales were collected from 0 Spring Chinook and 0 Winter Steelhead. The other targets captured did not meet length criteria for DNA sampling or were too descaled/damaged to collect samples.

PIT Tags

No Spring Chinook or Winter Steelhead were PIT tagged during this reporting period. The first 60 target fish per week are prioritized for the 24-Hour Post Collection Holding Study. These fish are not tagged to not bias the results of the holding study. More information regarding PIT tagged fish can be found in Appendix D.

Non-Target Species

9,008 non-targets were captured during this sampling period. A summary of non-target species catch and mortality numbers for 2023 are listed in Table 6.

Table 6. Summary of Non-target Species (Green Peter Tailrace- Middle Santiam River).

| Species | Capture | Mortality | Season Total Capture | Season Total Mortality |
|----------------------------|---------|-----------|----------------------|------------------------|
| Bass Unknown | 0 | 0 | 81 | 81 |
| Bluegill | 781 | 136 | 1021 | 227 |
| Brown Bullhead | 3 | 0 | 5 | 1 |
| Chinook (clipped) | 19 | 4 | 31 | 5 |
| Crappie | 39 | 12 | 147 | 109 |
| Cutthroat Trout | 0 | 0 | 1 | 0 |
| Kokanee | 8155 | 3676 | 22952 | 12612 |
| Kokanee (clipped) | 0 | 0 | 11 | 3 |
| Largemouth Bass | 0 | 0 | 1 | 0 |
| <i>O. mykiss</i> (adults) | 0 | 0 | 5 | 1 |
| <i>O. mykiss</i> (clipped) | 3 | 0 | 30 | 6 |
| Smallmouth Bass | 1 | 1 | 12 | 9 |
| Dace | 0 | 0 | 1 | 1 |
| Sculpin | 3 | 0 | 6 | 1 |
| Largescale Sucker | 1 | 1 | 1 | 1 |
| Spotted Bass | 2 | 2 | 2 | 2 |
| Mountain Whitefish | 1 | 1 | 1 | 1 |
| Unknown | 0 | 0 | 1 | 1 |
| Totals | 9008 | 3833 | 24309 | 13061 |

Stream Statistics

Basic stream statistics at the Green Peter Dam Tailrace- Middle Santiam site were calculated from data downloaded from the U.S. Geological Survey stream gage number 14186110 and 14186200. Gage height (feet) is the only metric provided at gage 14186110. Total dissolved gas saturation data was received from gage number 14186200, 50 meters upstream of the trap. During the reporting period, daily maximum values for instantaneous gage height ranged from 697.3 feet to 700.5 feet (mean: 699.8 feet). Figure 10 shows instantaneous gage height.

Total dissolved gas saturation ranged from 102 to 133% (mean: 124.7%) during the reporting period. Figure 11 shows the total dissolved gas saturation.

Stream temperatures were recorded every 2 hours for the length of the report period for the RST (Figure 12). Temperature probes operated normally throughout this reporting period.

Flows through the Powerhouse and Spillway during the reporting period averaged 0 and 2,378.0 cubic feet per second (cfs) respectively (Figure 13). Catch per unit of effort (CPUE) data are summarized in

Table 7. Discharge and capture data for the duration of monitoring efforts at this location are provided in Appendix B.

Table 7. Summary of salmonid CPUE, Green Peter Tailrace- Middle Santiam River.

| Description | Chinook | Winter Steelhead |
|----------------|---------|------------------|
| Catch | 0 | 0 |
| Effort (hrs) | 383.6 | 383.6 |
| CPUE (fish/hr) | 0 | 0 |

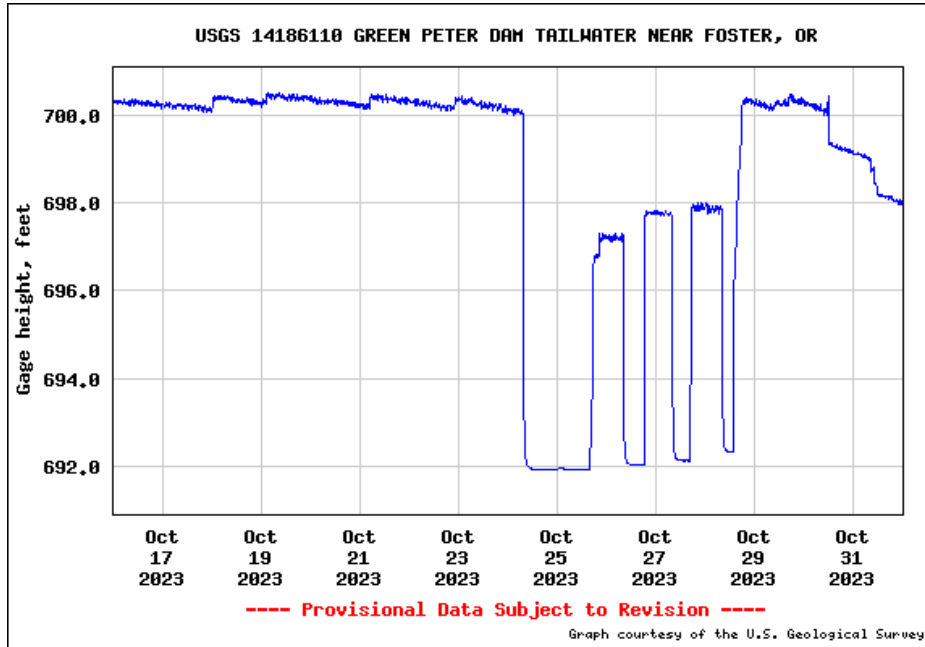


Figure 10. Gage Height (feet); below Green Peter Dam.

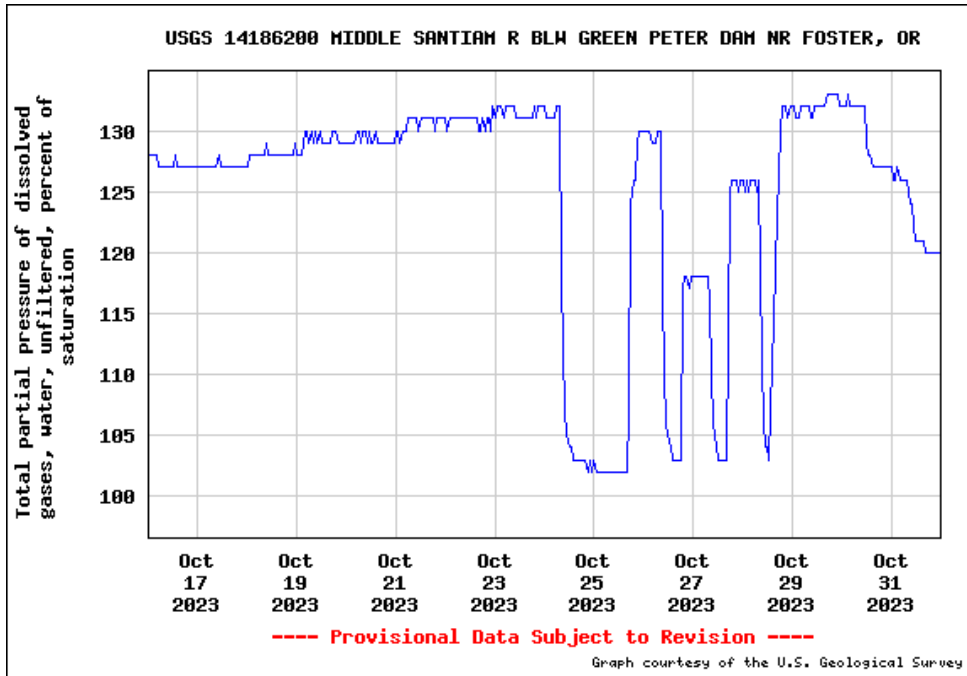


Figure 11. Total Dissolved Gas Saturation (%); below Green Peter Dam.

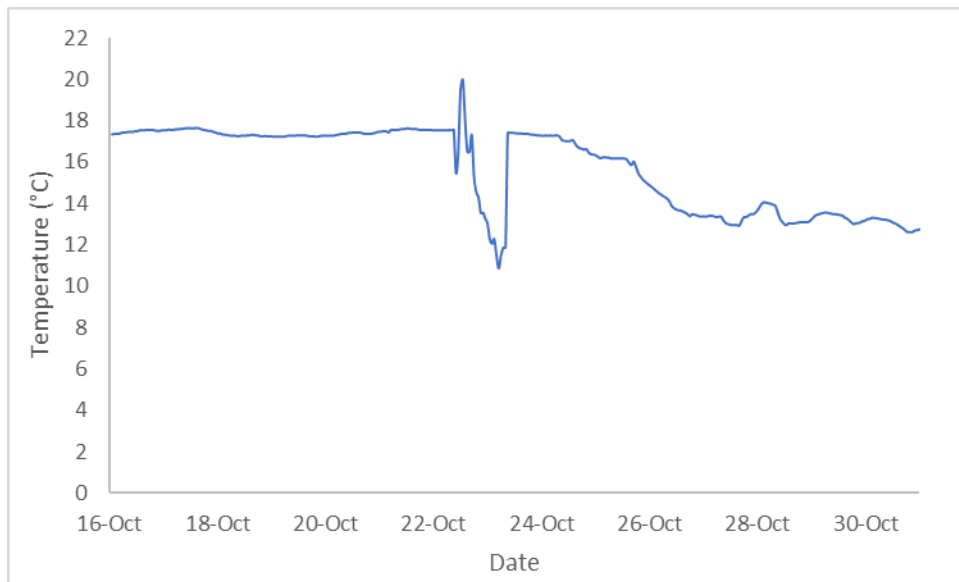


Figure 12. Temperature at RST (Green Peter Tailrace- Middle Santiam River).

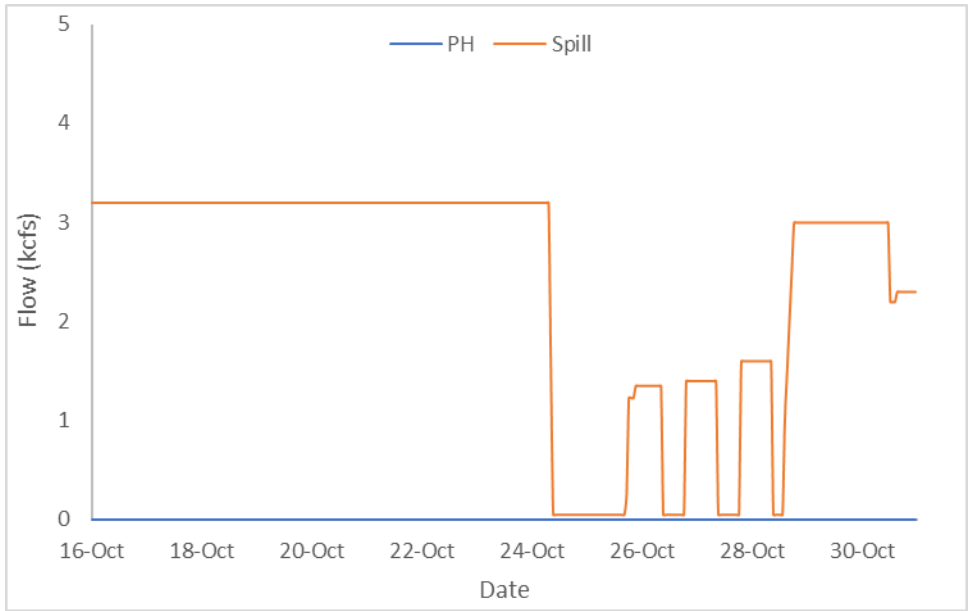


Figure 13. Hourly Flows PWR vs. Spill (Green Peter Dam).

South Fork Santiam– Foster Dam Head of Reservoir

Target Species

This reporting period began on October 16th and ended on October 31st. There were 4 Chinook salmon (CHS) and 20 Winter Steelhead (STW) captured during the 165-day sampling period. Sampling duration was 100% for the RST. Table 8 provides life stage, length, and weight data for all Chinook Salmon and Winter Steelhead that have been caught at the Foster Dam Head of Reservoir- South Santiam site to-date and for the reporting period. Figure 14 shows the daily capture numbers for Chinook and Winter Steelhead and Figure 15 shows length frequency data to-date for both species.

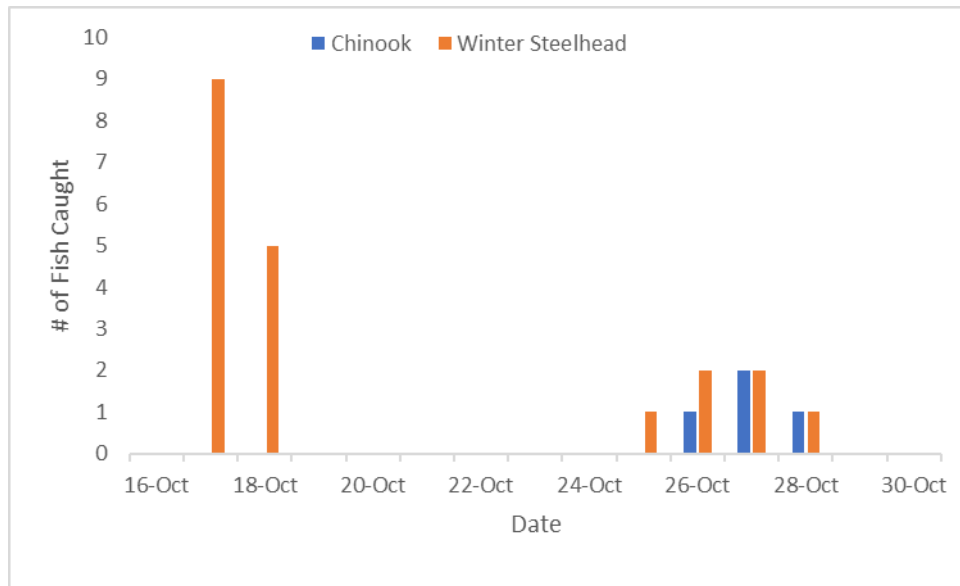


Figure 14. Chinook and Winter Steelhead Captured Per Day 10/16/2023 to 10/31/2023 (Foster Dam Head of Reservoir- South Santiam).

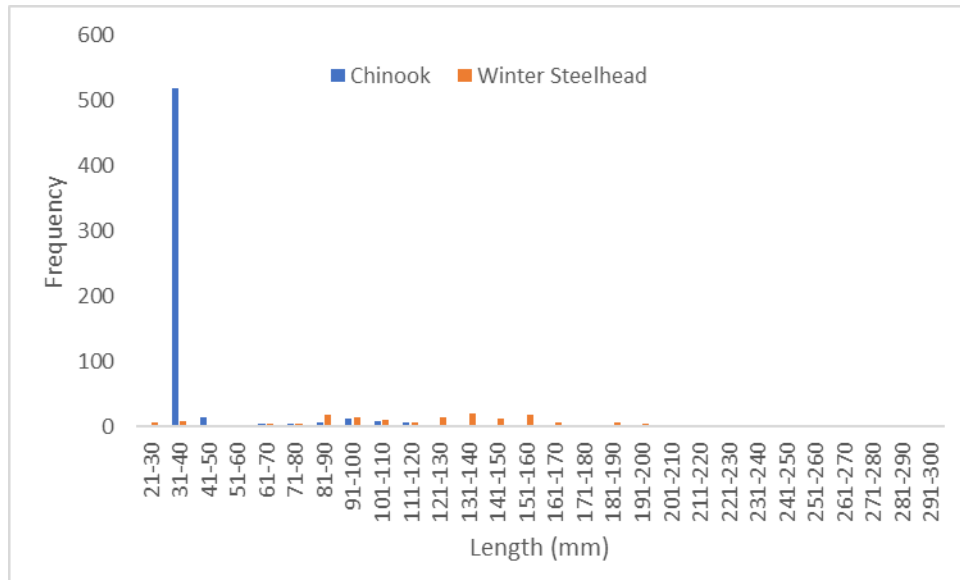


Figure 15. Length Frequency of Juvenile Chinook and Winter Steelhead Sampled in 2023 (Foster Dam Head of Reservoir- South Santiam).

Table 8. Descriptive Statistics of Target Species Captured at Foster Dam Head of Reservoir-South Santiam Season To-Date.

| To-Date (Since Jan. 1, 2023) | | | | | | | | | | |
|------------------------------|------|---------|------------|-----------|--------------|-----|-------|-------------|------|------|
| Site | Trap | Species | Life stage | Collected | Length (mm)* | | | Weight (g)* | | |
| | | | | | Min | Max | Mean | Min | Max | Mean |
| Foster Dam Head of Reservoir | 5 ft | CHS | Fry | 535 | 30 | 50 | 36.1 | N/A | N/A | N/A |
| | | CHS | Parr | 27 | 56 | 110 | 84.3 | 1.4 | 16.0 | 8.0 |
| | | CHS | Smolt | 20 | 87 | 134 | 107.4 | 7.4 | 24.3 | 13.8 |
| | | STW | Fry | 15 | 22 | 37 | 31.5 | N/A | N/A | N/A |
| | | STW | Parr | 56 | 51 | 134 | 91.8 | 1.4 | 28.0 | 10.4 |
| | | STW | Smolt | 88 | 87 | 199 | 145.5 | 6.8 | 91 | 33.2 |

| October 16-31, 2023 | | | | | | | | | | |
|------------------------------|------|---------|------------|-----------|--------------|-----|-------|-------------|------|------|
| Site | Trap | Species | Life stage | Collected | Length (mm)* | | | Weight (g)* | | |
| | | | | | Min | Max | Mean | Min | Max | Mean |
| Foster Dam Head of Reservoir | 5 ft | CHS | Fry | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | CHS | Parr | 2 | 63 | 95 | 79.0 | 3.7 | 9.9 | 6.8 |
| | | CHS | Smolt | 2 | 94 | 95 | 94.5 | 8.0 | 9.0 | 8.5 |
| | | STW | Fry | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | STW | Parr | 8 | 63 | 94 | 81.5 | 2.0 | 9.4 | 6.3 |
| | | STW | Smolt | 12 | 126 | 168 | 145.4 | 21.0 | 48.5 | 33.2 |

Trapping Efficiency

A total of 1,016 juvenile hatchery Chinook (yearlings) were bismarck brown dyed, adipose clipped and released on 10/10/2023 at Cascadia Park above the Foster Dam Head of Reservoir- South Santiam trap. 55 fish were recaptured in the 5ft trap. Trapping efficiency was 5.4%.

| Foster Dam Head of Reservoir | Release # | Recapture # | Capture Efficiency |
|------------------------------|-----------|-------------|--------------------|
| 5 ft Trap | 1,016 | 55 | 5.4% (55/1,016) |

Run of River Trapping Efficiency

Run of river fish captured in the RST have been caudal clipped and released upstream to perform run of river trapping efficiency trials. Only fish large enough to be safely caudal clipped have been used for run of river efficiency trials. This year, 28 Spring Chinook and 70 Winter Steelhead have been marked and released upstream for the purpose of conducting run of river trapping efficiency trials. Release numbers and recaptures for this reporting period are summarized below.

| Foster Dam Head of Reservoir | Release (current reporting period) # | Recapture (current reporting period) # |
|------------------------------|--------------------------------------|--|
| Chinook | 0 | 0 |
| Winter Steelhead | 14 | 0 |

Injuries and Copepod Infection

Partial descaling <20% was observed on 3 of the 4 Spring Chinook captured (75.0%). Body injuries were present on 3 Spring Chinook (75.0%) and 0 displayed eye injury (0.0%). 0 copepods were present in the branchial cavity (0.0%) and 0 fish displayed copepods on the fins (0.0%). There were 0 mortalities (0.0%).

Partial descaling <20% was observed on 9 of the 20 Winter Steelhead captured (45.0%). Body injuries were present on 8 Winter Steelhead (40.0%) and 0 displayed eye injury (0.0%). 0 copepods were present in the branchial cavity (0.0%) and 0 fish displayed copepods on the fins (0.0%). There was 0 mortalities (0.0%).

A summary of injuries observed during the reporting period are provided in Table 9, and for the duration of the season are provided in Appendix A.

Table 9. Number of Descaled, Bodily/Eye Injured, Copepod Infected and Dead Chinook Salmon and Winter Steelhead for Sampling Period (Foster Dam Head of Reservoir- South Santiam).

| Site | Species | # Fish Collected | # DSC* <20% | # DSC* >20% | # with Body Injuries | # with Eye Injuries | # with COP* In B.C. | # with COP* on Fins | Mortalities |
|------------------------------|------------------|------------------|-------------|-------------|----------------------|---------------------|---------------------|---------------------|-------------|
| Foster Dam Head of Reservoir | Chinook | 4 | 3 | 0 | 3 | 0 | 0 | 0 | 0 |
| | Winter Steelhead | 20 | 9 | 0 | 8 | 0 | 0 | 0 | 0 |

Collected DNA and Scale Samples

DNA was collected from 4 Spring Chinook and 20 Winter Steelhead. Scales were collected from 4 Spring Chinook and 20 Winter Steelhead. The other targets captured did not meet length criteria for DNA sampling or were too descaled/damaged to collect samples.

PIT Tags

3 Spring Chinook and 19 Winter Steelhead were PIT tagged during this reporting period. More information regarding PIT tagged fish can be found in Appendix D.

Non-Target Species

9 non-target species fish were captured during the reporting period; the data is summarized below in Table 10.

Table 10. Summary of Non-target Species (Foster Dam Head of Reservoir).

| Species | Capture | Mortality | Season Total | Season Total Mortality |
|---------------------|----------|-----------|--------------|------------------------|
| Brook Lamprey | 0 | 0 | 0 | 0 |
| Cutthroat Trout | 0 | 0 | 2 | 0 |
| O.mykiss (clipped) | 1 | 0 | 1 | 0 |
| Dace | 5 | 0 | 213 | 11 |
| Largescale Sucker | 1 | 1 | 30 | 20 |
| Northern Pikeminnow | 1 | 0 | 75 | 2 |
| Sculpin | 1 | 1 | 11 | 1 |
| Unknown | 0 | 0 | 4 | 3 |
| Totals | 9 | 2 | 336 | 37 |

Stream Statistics

Basic stream statistics at the Foster Dam Head of Reservoir- South Santiam site were calculated from data downloaded from the U.S. Geological Survey stream gauge number 14185000. Discharge (cfs) and Gauge height (feet) are available at this gauge. During the reporting period, daily maximum values for instantaneous discharge ranged from 80.4 cfs to 558.0 cfs (mean: 187.5 cfs). Figure 16 shows instantaneous discharge.

Stream temperatures were recorded every 2 hours for the duration of the reporting period for the RST (Figure 17). Temperature probes for the trap operated normally throughout this reporting period.

Catch per unit of effort (CPUE) data are summarized in Table 11. Discharge and capture data for the duration of monitoring efforts at this location are provided in Appendix B.

Table 11. Summary of salmonid CPUE, Foster Dam Head of Reservoir- South Santiam.

| Description | Chinook | Winter Steelhead |
|----------------|---------|------------------|
| Catch | 4 | 20 |
| Effort (hrs) | 388.3 | 388.3 |
| CPUE (fish/hr) | 0.010 | 0.052 |

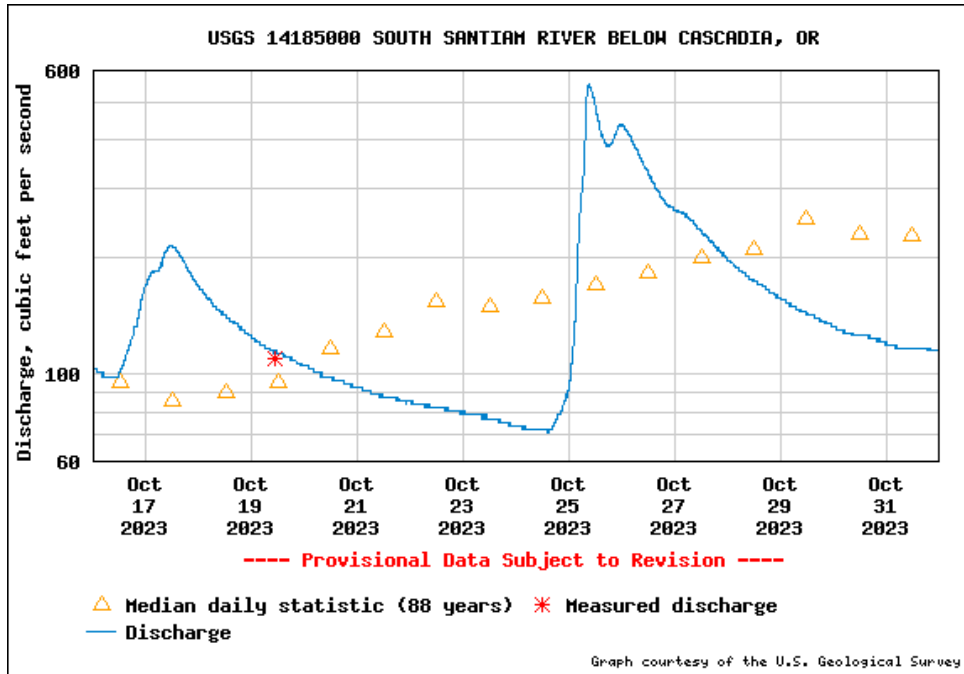


Figure 16. Discharge (cfs); Foster Dam Head of Reservoir – S. Santiam).

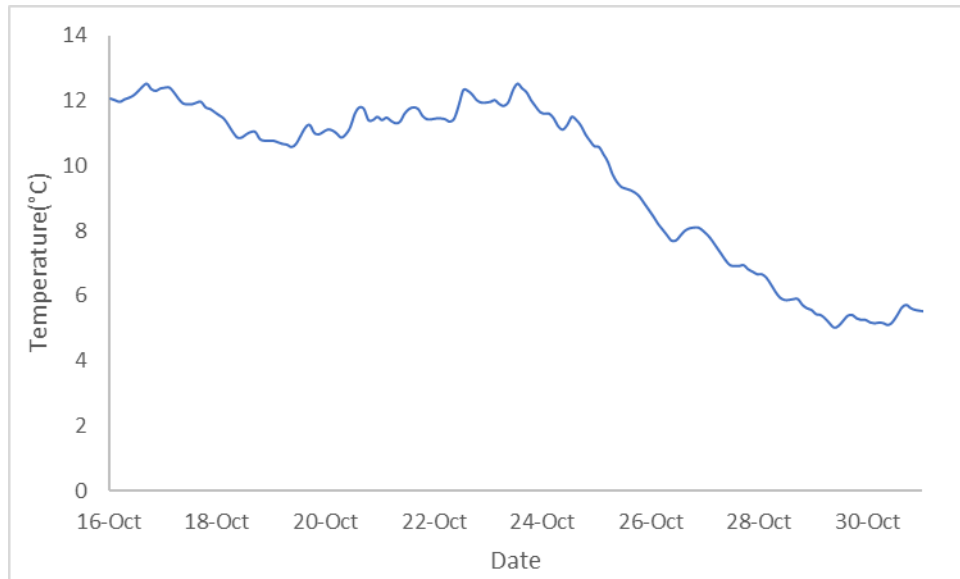
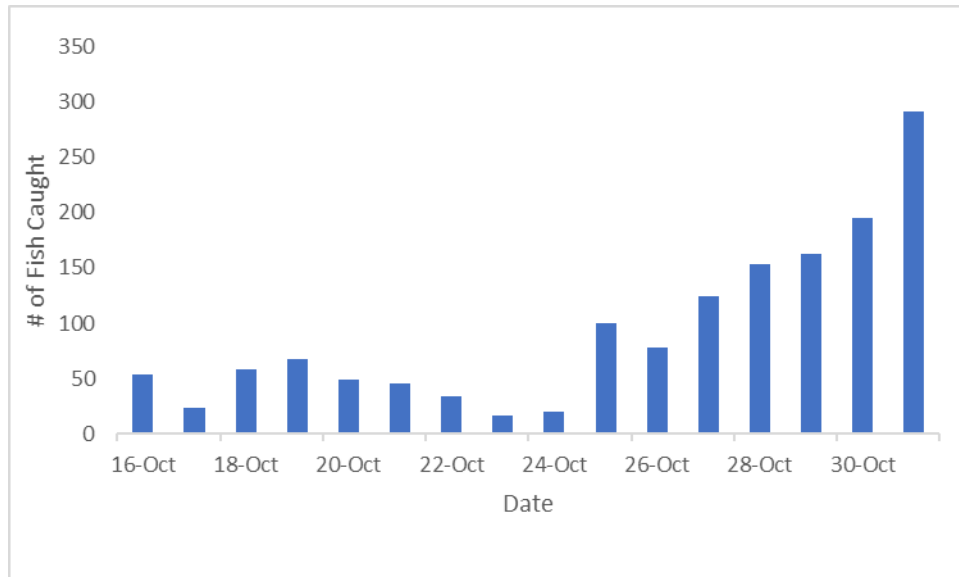


Figure 17. Temperature at RST (Foster Dam Head of Reservoir – S. Santiam).

South Fork McKenzie – Cougar Dam

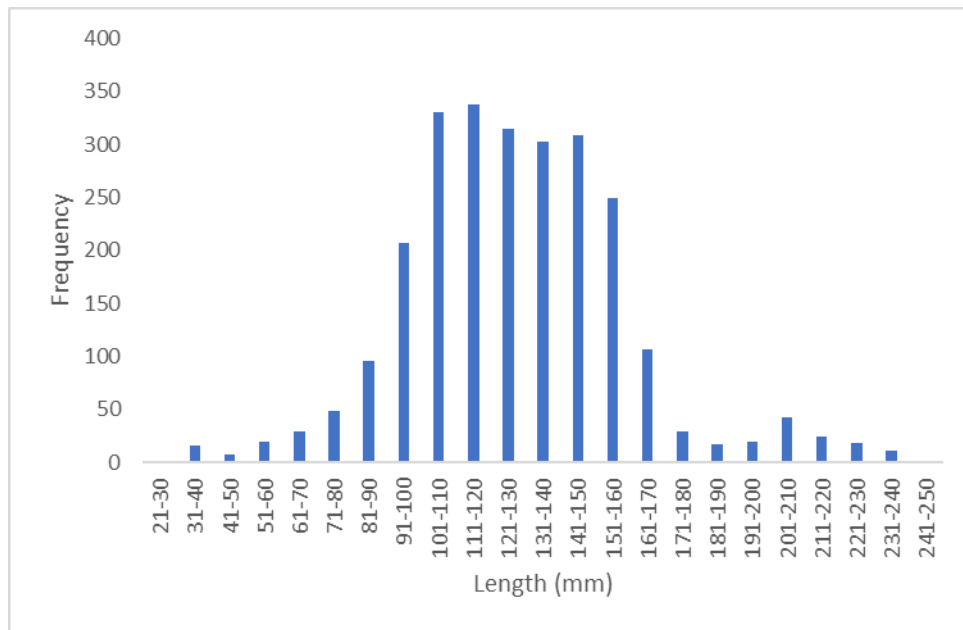
Target Species

This reporting period began on October 16th and ended on October 31st. There were a total of 1,470 Chinook Salmon (CHS) captured during the 165-day sampling period. Sampling duration was 100% for the RO RST and 100% for the Powerhouse RSTs. Table 12 provides life stage, length, and weight data for all Chinook salmon that have been caught at the Cougar Dam site to-date and for the reporting period. Figure 18 shows the daily capture numbers for chinook and Figure 19 shows length frequency data to-date.



**Recaptured fish for trapping efficiency trials not included.*

Figure 18. Chinook Captured Per Day 10/16/2023 to 10/31/2023 (Cougar Dam).



**Figure does not include fish without heads or fish used for trapping efficiency trials.*

Figure 19. Length Frequency of Juvenile Chinook Sampled in 2023 (Cougar Dam).

Table 12. Descriptive Statistics of Target Species Captured at Cougar Dam Season To-Date.

| To-Date (Since Jan. 1, 2023) | | | | | | | | | | |
|------------------------------|-------|---------|------------|-----------|--------------|-----|-------|-------------|-------|------|
| Site | Route | Species | Life stage | Collected | Length (mm)* | | | Weight (g)* | | |
| | | | | | Min | Max | Mean | Min | Max | Mean |
| Cougar Dam | RO | CHS | Fry | 18 | 33 | 52 | 38.1 | N/A | N/A | N/A |
| | | CHS | Parr | 130 | 62 | 135 | 93.8 | 3.0 | 29.2 | 10.1 |
| | | CHS | Smolt | 2193 | 75 | 249 | 133.7 | 5.2 | 162.3 | 29.2 |
| Cougar Dam | PWR | CHS | Fry | 7 | 33 | 55 | 43.7 | N/A | N/A | N/A |
| | | CHS | Parr | 96 | 50 | 103 | 73.8 | 1.1 | 15.0 | 5.2 |
| | | CHS | Smolt | 95 | 65 | 196 | 118.5 | 3.4 | 80.0 | 21.2 |

*Fish that were missing heads are not included in length and weight calculations.

| October 16-31, 2023 | | | | | | | | | | |
|---------------------|-------|---------|------------|-----------|--------------|-----|-------|-------------|-------|------|
| Site | Route | Species | Life stage | Collected | Length (mm)* | | | Weight (g)* | | |
| | | | | | Min | Max | Mean | Min | Max | Mean |
| Cougar Dam | RO | CHS | Fry | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | CHS | Parr | 71 | 69 | 125 | 88.0 | 4.1 | 21.9 | 8.3 |
| | | CHS | Smolt | 1399 | 75 | 249 | 127.1 | 4.0 | 162.3 | 26.4 |
| Cougar Dam | PWR | CHS | Fry | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | CHS | Parr | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | CHS | Smolt | 0 | N/A | N/A | N/A | N/A | N/A | N/A |

*Fish that were missing heads are not included in length and weight calculations.

Trapping Efficiency

A total of 500 juvenile hatchery Chinook (sub-yearlings) were adipose clipped, right vent clipped and released in the PWR channel on 10/11/23. 83 fish were recaptured in the PWR RST for an efficiency of 6.6%.

A total of 518 juvenile hatchery Chinook (sub-yearlings) were adipose clipped, left vent clipped and released in the RO channel on 10/11/23. 14 fish were recaptured in the RO RST for an efficiency of 2.7%.

| Cougar Dam | Release # | Recapture # | Capture Efficiency |
|------------|-----------|-------------|--------------------|
| PWR Route | 500 | 83 | 16.6% (83/500) |
| RO Route | 518 | 14 | 2.7% (14/518) |

Run of River Trapping Efficiency

Run of river fish were captured, caudal clipped or PIT tagged and released for the purpose of conducting run of river trapping efficiency trials at Cougar Dam. Numbers of fish released and recaptured by route for the reporting period are listed below.

| Cougar Dam | Release (Current Reporting Period) # | Recapture (Current Reporting Period) # |
|------------|--------------------------------------|--|
| PH | 0 | 0 |
| RO | 1508 | 82 |

24-Hour Post Collection Holding Trial

A total of 149 Chinook captured in the RSTs, 0 fish from the PWR RST and 149 from the RO RST, were held for ~24 hours in holding tanks and then evaluated for survival rates. In total, 29 of the 149 fish (19.5%) held during this period died during holding. 0 of the 0 PWR RST captured fish (0.0%) died during holding and 29 of the 149 RO RST captured fish (19.5%) died during holding.

Injuries and Copepod Infection

Partial descaling <20% was observed on 1038 of the 1470 Chinook collected at the RO RST (70.6%). Descaling >20% was observed on 353 of the Chinook (24.0%). There were 1330 fish with bodily injuries (90.5%) and 179 had eye injuries (12.2%). 1200 fish had copepods present in the branchial cavity (81.6%) and 1121 had copepods present on fins (76.3%). 495 fish displayed Gas Bubble Disease (322 level 1, 119 level 2, 44 level 3 and 9 level 4) (33.7%). There were 203 chinook mortalities collected in the RO RST (13.8%).

Partial descaling <20% was observed on 0 of the 0 Chinook collected at the PWR RST (0.0%). Descaling >20% was observed on 0 of the Chinook (0.0%). There were 0 fish with bodily injuries (0.0%) and 0 had eye injuries (0.0%). 0 fish had copepods present in the branchial cavity (0.0%) and 0 had copepods present on fins (0.0%). 0 fish displayed Gas Bubble Disease (0.0%). There were 5 chinook mortalities collected in the PWR RST (0.0%).

Data is summarized below in Table 13. A summary of injuries observed during the reporting period, and for the duration of the season are provided in Appendix A.

Table 13. Number of Descaled, Bodily/Eye Injured, Copepod Infected and Dead Chinook Salmon for Sampling Period (Cougar Dam).

| Site | Route | # CHS Collected | # DSC* <20% | # DSC* >20% | # with Body Injuries | # with Eye Injuries | # with COP* In B.C. | # with COP* on Fins | Mortalities |
|------------|-------|-----------------|-------------|-------------|----------------------|---------------------|---------------------|---------------------|-------------|
| Cougar Dam | RO | 1470 | 1038 | 353 | 1330 | 179 | 1200 | 1121 | 203 |
| Cougar Dam | PWR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

*DSC=Descaled, COP=Copepods, B.C.=Branchial Cavity

Collected DNA and Scale Samples

DNA was collected from 1468 Spring Chinook for the reporting period. Scales were collected from 1464 Spring Chinook. The other targets captured did not meet length criteria for DNA sampling or were too damaged to remove scales.

PIT Tags

1126 Spring Chinook were PIT tagged during this reporting period. The first 60 target fish per week are prioritized for the 24-Hour Post Collection Holding Study. These fish are not tagged to not bias the results of the holding study. More information regarding PIT tagged fish can be found in Appendix D.

VIE Marking

No VIE marked Spring Chinook have been detected at this site to date.

Non-Target Species

577 non-target fish were captured during the reporting period; the data is summarized below in Table 14.

Table 14. Summary of Non-target Species (Cougar Dam).

| Species | RO Capture | RO Mortality | PWR Capture | PWR Mortality | Season Total Capture | Season Total Mortality |
|---------------------|------------|--------------|-------------|---------------|----------------------|------------------------|
| Bluegill | 1 | 0 | 0 | 0 | 1 | 0 |
| Brook Lamprey | 0 | 0 | 0 | 0 | 2 | 0 |
| Bull Trout | 0 | 0 | 0 | 0 | 2 | 0 |
| Chinook (clipped) | 564 | 55 | 0 | 0 | 628 | 59 |
| Chinook (Adult) | 0 | 0 | 0 | 0 | 5 | 1 |
| Cutthroat Trout | 0 | 0 | 0 | 0 | 18 | 0 |
| Dace | 3 | 0 | 0 | 0 | 1785 | 0 |
| Largescale Sucker | 0 | 0 | 0 | 0 | 8 | 0 |
| Mountain Whitefish | 1 | 1 | 0 | 0 | 21 | 3 |
| Northern Pikeminnow | 0 | 0 | 0 | 0 | 0 | 0 |
| <i>O. mykiss</i> | 1 | 0 | 0 | 0 | 120 | 0 |
| Pacific Lamprey | 0 | 0 | 0 | 0 | 1 | 0 |
| Sculpin | 0 | 0 | 2 | 0 | 273 | 4 |
| Smallmouth Bass | 3 | 1 | 0 | 0 | 3 | 1 |
| Spotted Bass | 4 | 0 | 0 | 0 | 30 | 0 |
| Unknown Bass | 0 | 0 | 0 | 0 | 4 | 0 |
| Totals | 577 | 57 | 2 | 0 | 2901 | 71 |

Stream Statistics

Basic stream statistics at the Cougar Dam site were calculated from data downloaded from U.S. Geological Survey stream gauge numbers 14159410 and 14181500. Total dissolved gas saturation data was received from gauge 14181500, 500 meters downstream of the trap. During the reporting period, daily maximum values for instantaneous gage height ranged from 1,252.0 to 1,253.7 feet (mean: 1,252.9 feet). Figure 20 shows instantaneous discharge.

Total dissolved gas saturation ranged from 101 to 115% (mean: 112.7%). Figure 21 shows total dissolved gas saturation.

Stream temperatures were recorded using a HOBO temperature logger every 2 hours for the length of the reporting period for the PWR and RO RST's (Figure 22 and Figure 23 respectively).

Flows through the Powerhouse and RO during the reporting period averaged 15.2 and 1,377.0 cubic feet per second (cfs) respectively (Figure 24). Catch per unit of effort (CPUE) data are summarized in Table

15. Discharge and capture data for the duration of monitoring efforts at this location are provided in Appendix B.

Table 15. Summary of salmonid CPUE, Cougar Dam.

| Description | RO (5ft) | PWR (8ft) |
|----------------|----------|-----------|
| Catch | 1,470 | 0 |
| Effort (hrs) | 384.8 | 767.4 |
| CPUE (fish/hr) | 3.820 | 0 |

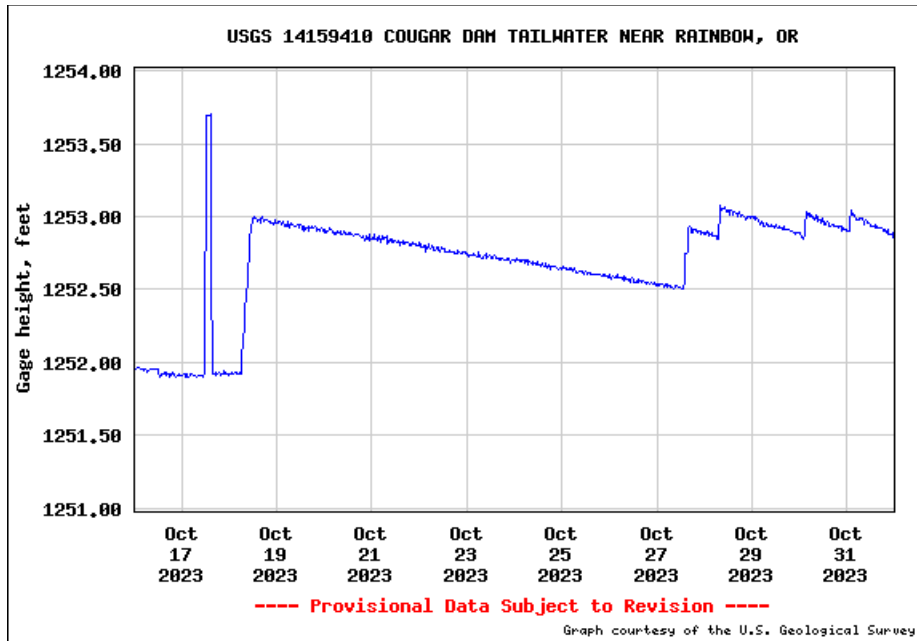


Figure 20. Gauge Height (feet); below Cougar Dam, South Fork McKenzie River.

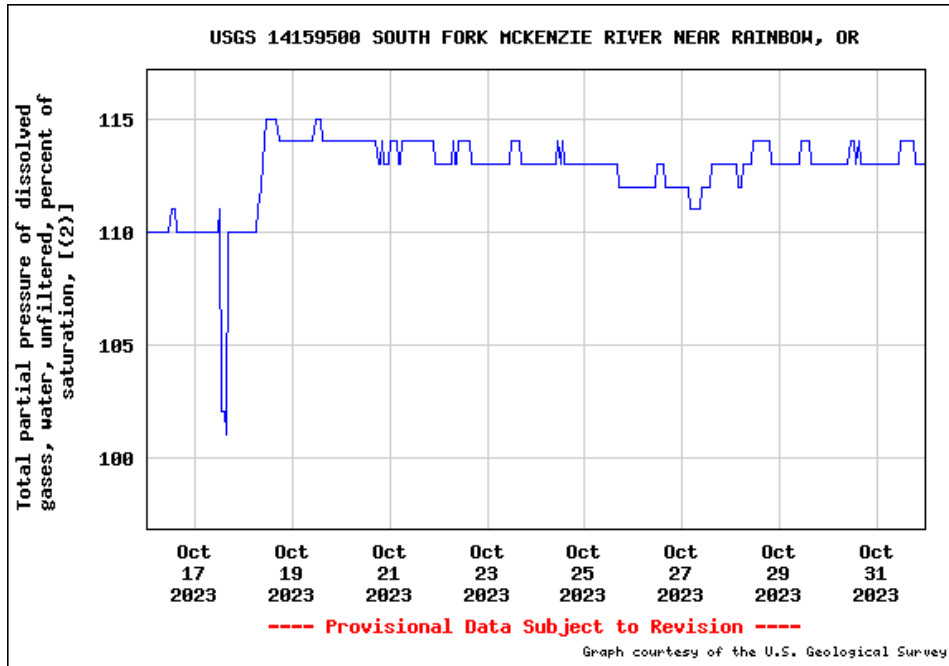


Figure 21. Total Dissolved Gas Saturation (%); below Cougar Dam, South Fork McKenzie River.

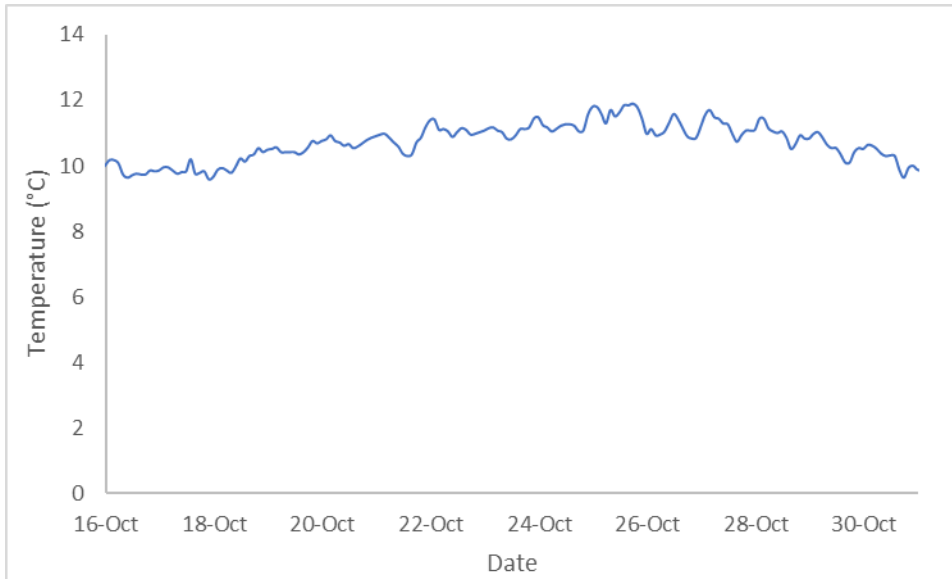


Figure 22. Temperature at RO RST (Cougar Dam).

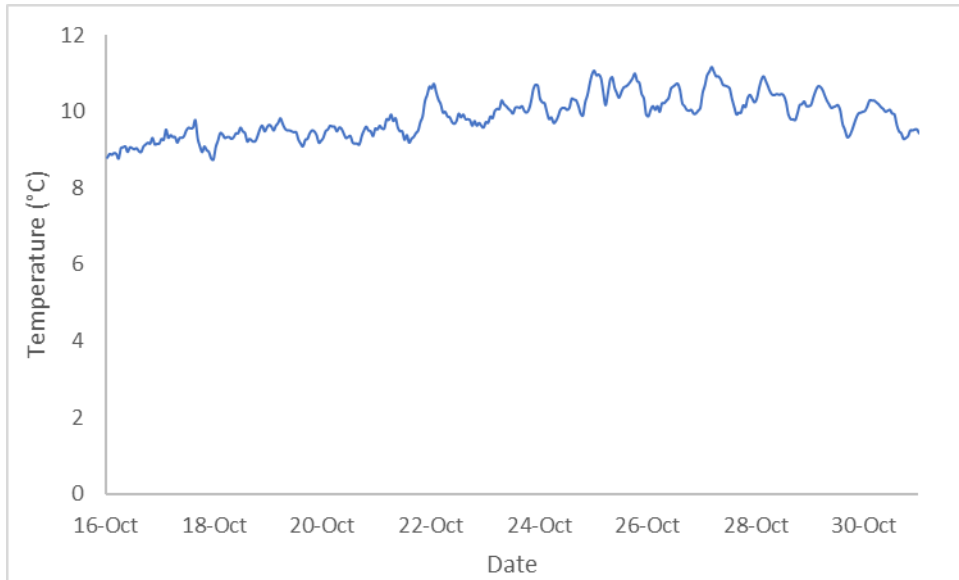


Figure 23. Temperature at PWR RST (Cougar Dam).

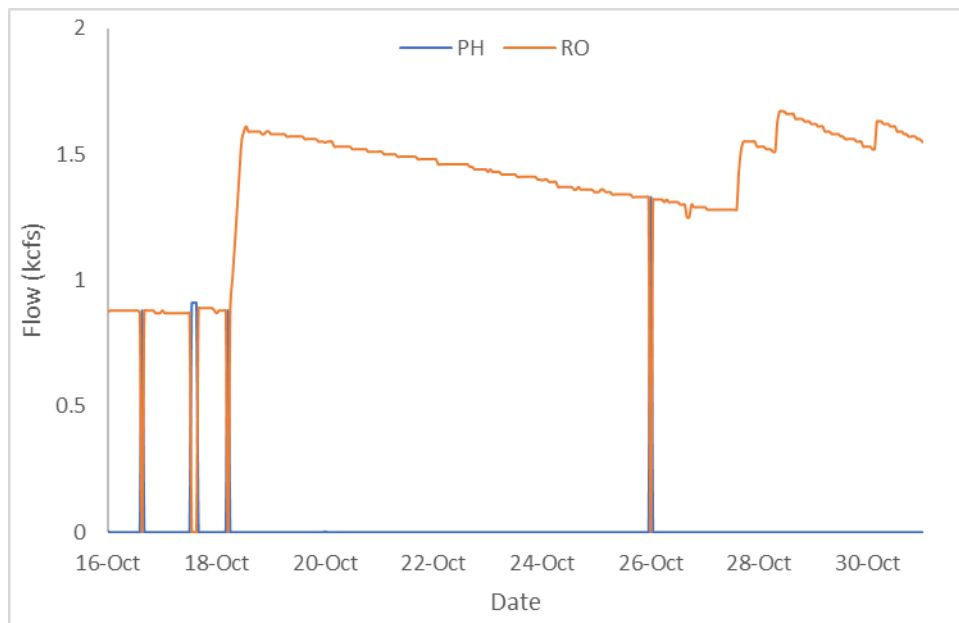


Figure 24. Hourly Flows PWR vs. RO (Cougar Dam).

South Fork of the McKenzie–Cougar Dam Head of Reservoir

Target Species

The reporting period began October 16th and ended on October 31st. There were 34 Chinook salmon captured during the 16-day sampling period (Figure 25). The trap was raised to the non-sampling position on October 25th due to high debris loads that created unsafe conditions for captured fish and was lowered the next day once debris loads returned to acceptable levels. The trap was operated 93.8% of the reporting period. Table 16 provides life stage, length, and weight data for all Chinook salmon that have been caught at the site to-date and Figure 26 shows length frequency data to-date.

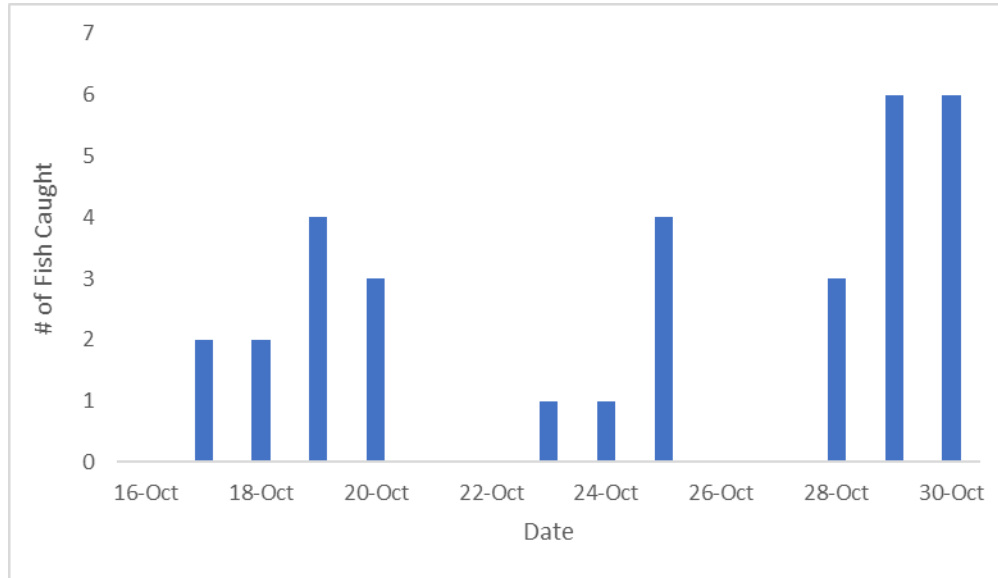


Figure 25. Chinook Captured Per Day 10/16/2023 to 10/31/2023 (Cougar Dam Head of Reservoir).

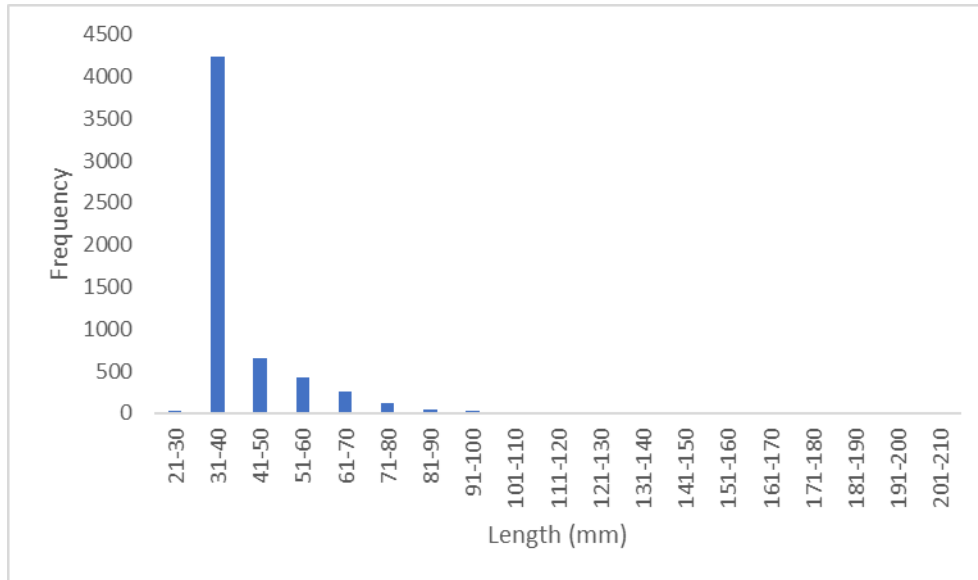


Figure 26. Length Frequency of Juvenile Chinook Sampled in 2023 (Cougar Dam Head of Reservoir).

Table 16. Descriptive Statistics of Target Species Captured at Cougar Dam Head of Reservoir, Season To-Date and for the Reporting Period.

| To-Date (Since Jan. 1, 2023) | | | | | | | | | | |
|------------------------------|-------|---------|------------|-----------|--------------|-----|------|-------------|------|------|
| Site | Route | Species | Life stage | Collected | Length (mm)* | | | Weight (g)* | | |
| | | | | | Min | Max | Mean | Min | Max | Mean |
| Cougar Dam Head of Reservoir | 5 ft | CHS | Smolt | 82 | 51 | 100 | 78.1 | 1.7 | 12.3 | 5.7 |
| | | CHS | Parr | 955 | 40 | 106 | 58.4 | 1.0 | 13.7 | 2.6 |
| | | CHS | Fry | 4770 | 25 | 64 | 36.6 | N/A | N/A | N/A |

| October 16-31, 2023 | | | | | | | | | | |
|------------------------------|-------|---------|------------|-----------|--------------|-----|------|-------------|-----|------|
| Site | Route | Species | Life stage | Collected | Length (mm)* | | | Weight (g)* | | |
| | | | | | Min | Max | Mean | Min | Max | Mean |
| Cougar Dam Head of Reservoir | 5 ft | CHS | Smolt | 4 | 79 | 98 | 88.3 | 5.0 | 9.9 | 7.5 |
| | | CHS | Parr | 30 | 57 | 90 | 76.0 | 2.0 | 8.1 | 4.9 |
| | | CHS | Fry | 0 | N/A | N/A | N/A | N/A | N/A | N/A |

*Most fry are too small to collect accurate weights and thus some metrics are not available for them.

Trapping Efficiency

A total of 750 juvenile hatchery Chinook were adipose and upper caudal clipped and released on 10/19/2023 upstream of the Cougar Head of Reservoir trap site. A total of 42 fish were recaptured in the 5 ft trap. Trapping efficiency was 5.6%.

| Cougar Dam Head of Reservoir | Release # | Recapture # | Capture Efficiency |
|------------------------------|-----------|-------------|--------------------|
| 5ft trap | 750 | 42 | 5.6% (42/750) |

Run of River Trapping Efficiency

Run of river fish captured in the RST have been caudal clipped, PIT tagged or VIE tagged, and released upstream to perform run of river trapping efficiency trials. Only fish large enough to be safely caudal clipped have been used for run of river efficiency trials. This year, 75 Spring Chinook have been caudal clipped and released upstream for the purpose of conducting run of river trapping efficiency trials. Release numbers and recaptures for this reporting period are summarized below.

Run of river trapping efficiency trials have been discontinued at this time due to low catch rates.

| Cougar Dam Head of Reservoir | Release (Current Reporting Period) # | Recapture (Current Reporting Period) # |
|------------------------------|--------------------------------------|--|
| Chinook | 0 | 0 |

Injuries and Copepod Infection

34 Chinook were captured for the reporting period. Of the fish captured, partial descaling <20% was observed on 21 fish (61.8%) and descaling >20% was observed on 7 fish (20.6%). 18 fish had bodily injury (52.9%). 1 fish displayed eye injuries (2.9%). 0 fish had copepods in the branchial cavity (0.0%), 1 had copepods on fins (2.9%). There were 5 mortalities for this reporting period (14.7%). Injury data for the reporting period is summarized in Table 17. To date injury data can be found in Appendix A.

Table 17. Number of Descaled, Bodily/Eye Injured, Copepod Infected and Dead Chinook Salmon for Sampling Period. (Cougar Dam Head of Reservoir).

| Site | # CHS Collected | # DSC* <20% | # DSC* >20% | # with Body Injuries | # with Eye Injuries | # with COP* In B.C. | # with COP* on Fins | Mortalities |
|------------------------------|-----------------|-------------|-------------|----------------------|---------------------|---------------------|---------------------|-------------|
| Cougar Dam Head of Reservoir | 34 | 21 | 7 | 18 | 1 | 0 | 1 | 5 |

*DSC=Descaled, COP=Copepods, B.C.=Branchial Cavity

Collected DNA and Scale Samples

DNA was collected from 34 of the Chinook captured. Scales were collected from 33 of the Chinook captured. The rest of the captured fish were under the minimum fork length threshold or too descaled to retrieve samples.

PIT Tags

29 Spring Chinook were PIT tagged during this reporting period. More information regarding PIT tagged fish can be found in Appendix D.

VIE Marking

Visual Implant Elastomer (VIE) trials commenced at the Cougar Dam Head of Reservoir site on 6/25/2022. VIE tag color and locations are changed every month to distinctly mark groups of fish by capture date. Since then, 3,879 Chinook have been VIE marked with fluorescent elastomer. No fish with VIE marks have been detected at downstream RST sites to date. Fish still showing an egg sac are not VIE marked.

| Date Tagged | Tag Location | VIE Color | # Tagged | # Recaptured to Date |
|-----------------------|--------------|-------------|----------|----------------------|
| 6/25/2022-7/15/2022 | Left Dorsal | Yellow | 30 | 0 |
| 9/15/2022-9/30/2022 | Left Dorsal | Orange | 1 | 0 |
| 10/1/2022-10/15/2022 | Left Dorsal | Pink | 1 | 0 |
| 11/1/2022-11/15/2022 | Left Dorsal | Green | 1 | 0 |
| 2/16/2023-2/28/2023 | Right Dorsal | Yellow | 1 | 0 |
| 3/1/2023-3/15/2023 | Right Dorsal | Red | 1 | 0 |
| 3/16/2023-3/31/2023 | Right Dorsal | Red | 9 | 0 |
| 4/1/2023-4/15/2023 | Right Dorsal | Blue | 85 | 0 |
| 4/16/2023-4/30/2023 | Right Dorsal | Blue | 288 | 0 |
| 5/1/2023-5/15/2023 | Right Dorsal | Orange | 496 | 0 |
| 5/16/2023-5/31/2023 | Right Dorsal | Orange | 1397 | 0 |
| 6/1/2023-6/15/2023 | Right Dorsal | Pink | 487 | 0 |
| 6/16/2023-6/30/2023 | Right Dorsal | Pink | 234 | 0 |
| 7/1/2023-7/15/2023 | Right Dorsal | Green | 207 | 0 |
| 7/16/2023-7/31/2023 | Right Dorsal | Green | 356 | 0 |
| 8/1/2023-8/15/2023 | Right Dorsal | Yellow (2x) | 170 | 0 |
| 8/16/2023-8/31/2023 | Right Dorsal | Yellow (2x) | 63 | 0 |
| 9/1/2023-9/15/2023 | Right Dorsal | Red (2x) | 31 | 0 |
| 9/16/2023-9/30/2023 | Right Dorsal | Red (2x) | 11 | 0 |
| 10/1/2023-10/15/2023 | Right Dorsal | Blue (2x) | 7 | 0 |
| 10/16/2023-10/31/2023 | Right Dorsal | Blue (2x) | 3 | 0 |

Non-Target Species

10 non-target fish were captured at the Cougar Dam Head of Reservoir RST during the reporting period; the data is summarized below in Table 18.

Table 18. Summary of Non-target Species (Cougar Dam Head of Reservoir).

| Species | Capture | Mortality | Season Total | Season Total Mortality |
|---------------------|-----------|-----------|--------------|------------------------|
| Bull Trout | 2 | 0 | 13 | 0 |
| Cutthroat Trout | 0 | 0 | 5 | 0 |
| Chinook (Adult) | 0 | 0 | 1 | 0 |
| Chinook (clipped) | 0 | 0 | 9 | 0 |
| Dace | 0 | 0 | 4 | 0 |
| Mountain Whitefish | 0 | 0 | 4 | 1 |
| Northern Pikeminnow | 0 | 0 | 0 | 0 |
| <i>O. mykiss</i> | 7 | 0 | 525 | 1 |
| Sculpin | 1 | 0 | 17 | 1 |
| Unknown | 0 | 0 | 1 | 1 |
| Totals | 10 | 0 | 581 | 4 |

Stream Statistics

Basic stream statistics at the site were calculated from data downloaded from the U.S. Geological Survey stream gauge number 14159200. During the reporting period, daily maximum values for instantaneous discharge ranged from 204.0 cfs to 331.0 cfs (mean: 236.6 cfs). Figure 27 shows instantaneous discharge.

Stream temperatures were recorded every 2 hours using a temperature probe at the Cougar Dam Head of Reservoir RST site during this reporting period. The temperature probe operated normally throughout the reporting period, and the data is shown below in Figure 28.

Catch per unit of effort (CPUE) data are summarized in Table 19. Discharge and capture data for the duration of monitoring efforts at this location are provided in Appendix B.

Table 19. Summary of Chinook CPUE, Cougar Dam Head of Reservoir.

| Description | Chinook |
|----------------|---------|
| Catch | 34 |
| Effort (hrs) | 361.2 |
| CPUE (fish/hr) | 0.094 |

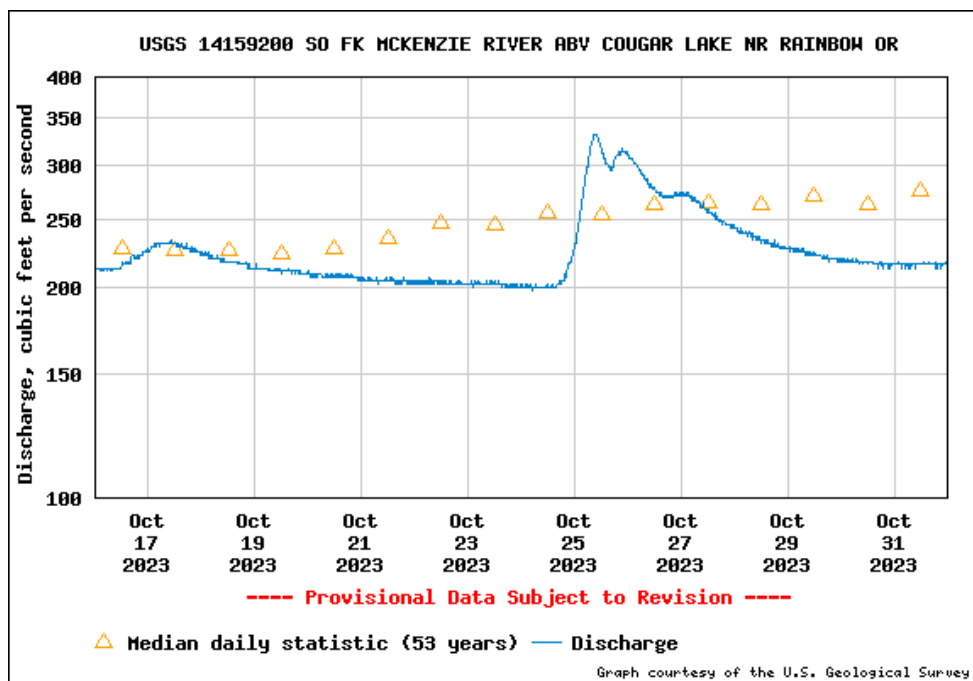


Figure 27. Discharge (cfs); South Fork McKenzie above Cougar Dam.

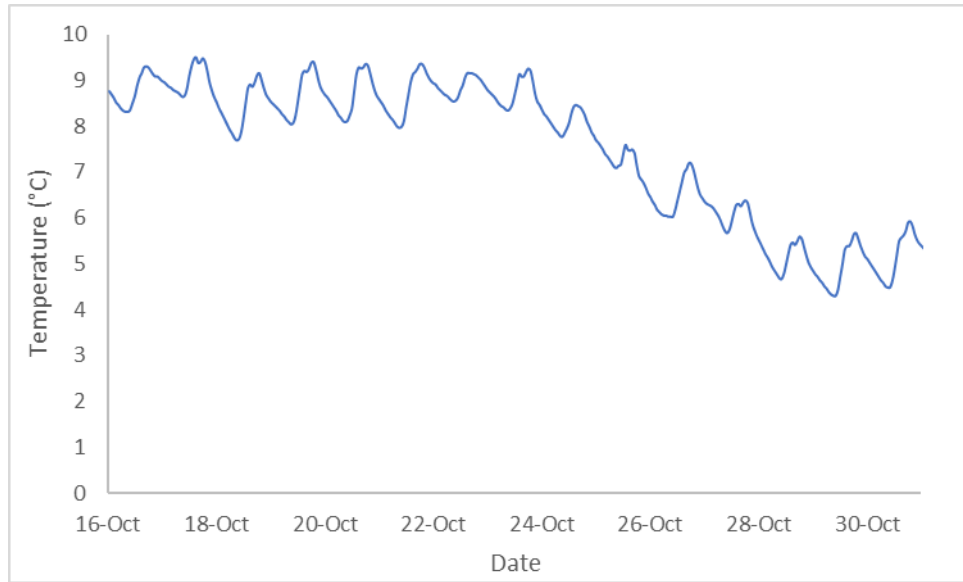


Figure 28. Temperature at RST (Cougar Dam Head of Reservoir).

Middle Fork Willamette – Fall Creek Head of Reservoir

Target Species

The Fall Creek Head of Reservoir trap was removed on May 31st. Table 20 provides life stage, length, and weight data for all Chinook salmon that have been caught at the Fall Creek Head of Reservoir site to-date and Figure 29 shows length frequency data to-date.

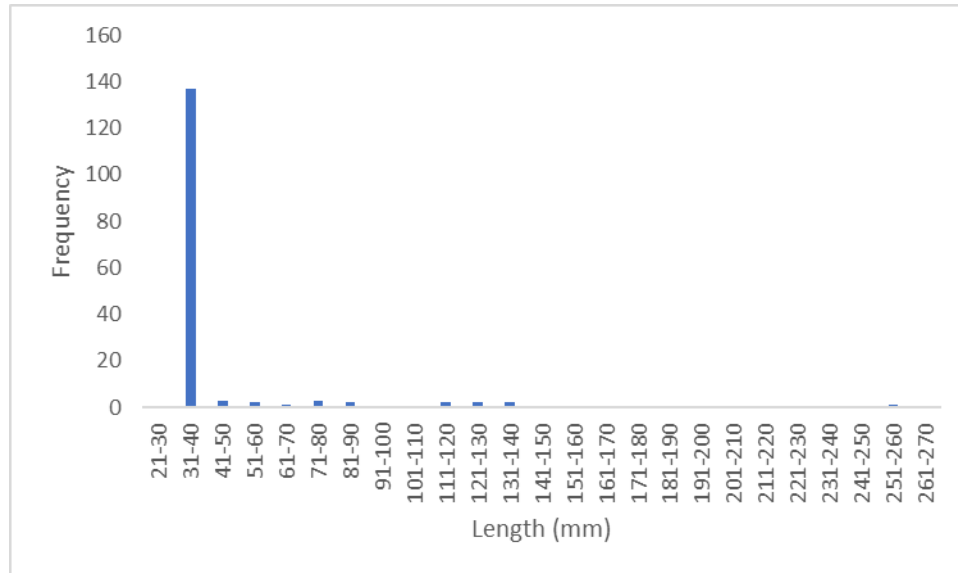


Figure 29. Length Frequency of Juvenile Chinook Sampled in 2023 (Fall Creek Head of Reservoir).

Table 20. Descriptive Statistics of Target Species Captured at Fall Creek Head of Reservoir, Season To-Date and for the Reporting Period.

| To-Date | | | | | | | | | | |
|------------------------------|-------|---------|------------|-----------|--------------|-----|-------|-------------|-------|-------|
| Site | Route | Species | Life stage | Collected | Length (mm)* | | | Weight (g)* | | |
| | | | | | Min | Max | Mean | Min | Max | Mean |
| Fall Creek Head of Reservoir | 8 ft | CHS | Smolt | 5 | 127 | 255 | 157.2 | 21.5 | 108.5 | 214.3 |
| | | CHS | Parr | 10 | 54 | 120 | 81.4 | 1.3 | 19.8 | 7.6 |
| | | CHS | Fry | 140 | 31 | 42 | 34.7 | N/A | N/A | N/A |

Trapping Efficiency

Information regarding trapping efficiency trials at Fall Creek Head of Reservoir is available in appendix C.

Collected DNA and Scale Samples

Scales and DNA were collected from 0 Chinook captured for the reporting period.

PIT Tags

A total of 4 Spring Chinook were PIT tagged during sampling in 2023. Refer to Appendix D for further information regarding PIT tags.

VIE Marking

Visual Implant Elastomer (VIE) trials commenced at Fall Creek Head of Reservoir site on 1/18/2023. VIE tag color and locations are changed every month to distinctly mark groups of fish by capture date. Since then, 48 Chinook have been VIE marked with fluorescent elastomer. 1 fish with VIE marks has been recaptured at the head of reservoir trap site to date. This was a VIE marked fish released above the trap for trapping efficiency trials. A summary of VIE marked fish is shown in Table 21.

Fish still showing an egg sac are not VIE marked.

Table 21. Summary of VIE marked fish at the Fall Creek Head of Reservoir site in 2023.

| Date Tagged | Tag Location | VIE Color | # Tagged | # Recaptured to Date |
|---------------------|--------------|-----------|----------|----------------------|
| 1/16/2023-1/31/2023 | Left Dorsal | Blue | 9 | 0 |
| 2/1/2023-2/15/2023 | Right Dorsal | Yellow | 2 | 0 |
| 2/16/2023-2/28/2023 | Right Dorsal | Yellow | 1 | 0 |
| 3/1/2023-3/15/2023 | Right Dorsal | Red | 33 | 1 |
| 5/1/2023-5/15/2023 | Right Dorsal | Orange | 2 | 0 |
| 5/16/2023-5/31/2023 | Right Dorsal | Orange | 1 | 0 |

Non-Target Species

A total of 788 non-target fish were captured at the Fall Creek Head of Reservoir site during sampling in 2023; the data is summarized below in Table 22.

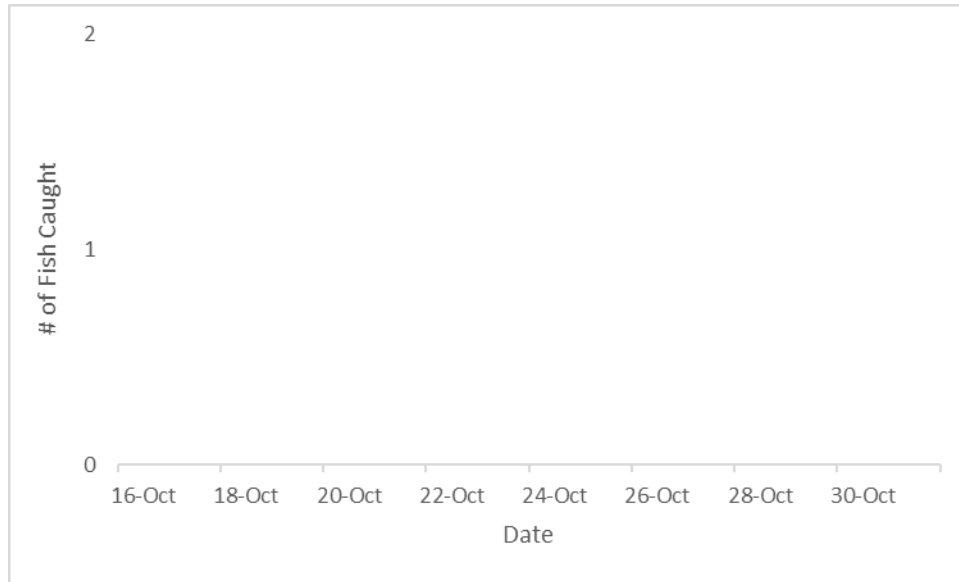
Table 22. Summary of Non-target Species (Fall Creek Head of Reservoir).

| Species | Season Total | Season Total Mortality |
|----------------------------|--------------|------------------------|
| Brook Lamprey | 44 | 1 |
| Brown Bullhead | 0 | 0 |
| Cutthroat Trout | 67 | 0 |
| Dace | 116 | 1 |
| Largescale Sucker | 9 | 0 |
| <i>O. mykiss</i> | 436 | 0 |
| <i>O. mykiss (clipped)</i> | 47 | 0 |
| Pacific Lamprey | 11 | 0 |
| Redside Shiner | 0 | 0 |
| Sculpin | 1 | 1 |
| Unknown Lamprey | 57 | 0 |
| Totals | 788 | 3 |

Middle Fork Willamette– Dexter Dam

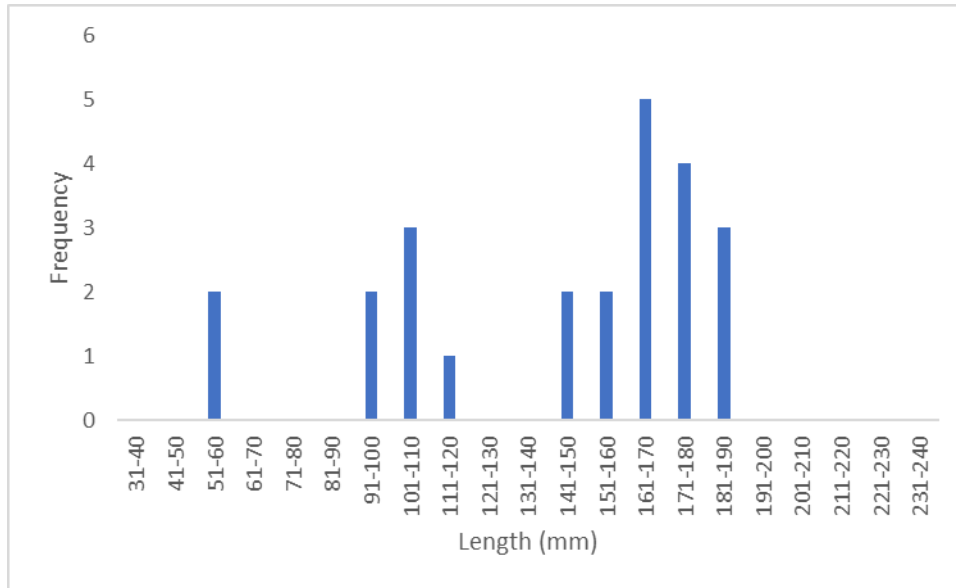
Target Species

This reporting period began on October 16th and ended on October 31st. There were 0 Chinook salmon (CHS) captured during the 16-day sampling period. Sampling duration was 100% for the 5 ft RST. Table 23 provides life stage, length, and weight data for all Chinook salmon that have been caught at the Dexter Dam site to-date and for the reporting period. Figure 30 shows the daily capture numbers for Chinook and Figure 31 shows length frequency data to-date.



**Recaptured fish for trapping efficiency trials not included.*

Figure 30. Chinook Captured Per Day 10/16/2023 to 10/31/2023 (Dexter Dam)



*Figure does not include fish without heads or fish used for trapping efficiency trials.

Figure 31. Length Frequency of Juvenile Chinook Sampled in 2023 (Dexter Dam).

Table 23. Descriptive Statistics of Target Species Captured at the Dexter Dam RST Season To-Date.

| To-Date (Since Jan. 1, 2023) | | | | | | | | | | |
|------------------------------|------|---------|------------|-----------|--------------|-----|-------|-------------|------|------|
| Site | Trap | Species | Life stage | Collected | Length (mm)* | | | Weight (g)* | | |
| | | | | | Min | Max | Mean | Min | Max | Mean |
| Dexter Dam | 5 ft | CHS | Fry | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | CHS | Parr | 4 | 54 | 103 | 77.0 | 1.5 | 12.9 | 6.3 |
| | | CHS | Smolt | 20 | 100 | 190 | 154.6 | 11.0 | 65.5 | 45.3 |
| October 16-31, 2023 | | | | | | | | | | |
| Site | Trap | Species | Life stage | Collected | Length (mm)* | | | Weight (g)* | | |
| | | | | | Min | Max | Mean | Min | Max | Mean |
| Dexter Dam | 5 ft | CHS | Fry | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | CHS | Parr | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | CHS | Smolt | 0 | N/A | N/A | N/A | N/A | N/A | N/A |

*Fish that were missing heads are not included in length and weight calculations.

Trapping Efficiency

A total of 4,001 juvenile hatchery Chinook (sub-yearlings) adipose clipped, lower caudal clipped, and released on 10/4/2023 below Dexter Dam. Fish were released in small groups into the powerhouse flow to evaluate the traps efficiency capturing fish passing through the powerhouse. 7 fish were recaptured in the 5-foot RST for an efficiency of 0.17%.

| Dexter Dam | Release # | Recapture # | Capture Efficiency |
|------------|-----------|-------------|--------------------|
| Spillway | 1,514 | 18 | 1.2% (18/1,541) |

24-Hour Post Collection Holding Trial

0 Spring Chinook were captured during the current reporting period and held for 24 hours. 0 Chinook (0.0%) died in holding.

Injuries and Copepod Infection

0 Chinook were captured during this reporting period. Partial descaling <20% was observed in 0 of the 0 Chinook captured (0.0%) and 0 displayed descaling >20% (0.0%). 0 displayed body injury (0.0%) and 0 Chinook had eye injury (0.0%). 0 Chinook had copepods present in the branchial cavity (0.0%) and 0 had copepods on fins (0.0%). 0 displayed gas bubble disease (0.0%). There were 0 mortalities in this reporting period (0.0%). Injuries are displayed in Table 24. To date injury data can be found in Appendix A.

Table 24. Number of Descaled, Bodily/Eye Injured, Copepod Infected and dead Chinook Salmon for Sampling Period (Dexter Dam).

| Site | Route | # CHS Collected | # DSC* <20% | # DSC* >20% | # with Body Injuries | # with Eye Injuries | # with COP* In B.C. | # with COP* on Fins | Mortalities |
|------------|-------|-----------------|-------------|-------------|----------------------|---------------------|---------------------|---------------------|-------------|
| Dexter Dam | PWR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

*DSC=Descaled, COP=Copepods, B.C.=Branchial Cavity

Collected DNA and Scale Samples

For the reporting period, scales and DNA were collected from 0 Spring Chinook. The other targets captured did not meet length criteria for DNA sampling.

PIT Tags

No Spring Chinook were PIT tagged during this reporting period. The first 60 target fish per week are prioritized for the 24-Hour Post Collection Holding Study. These fish are not tagged to not bias the results of the holding study. More information regarding PIT tagged fish can be found in Appendix D.

VIE Marking

No VIE marked Spring Chinook have been detected at this site to date.

Non-Target Species

446 non-target fish were captured during the reporting period; the data is summarized below in Table 25. Dexter Fish Facility releases adipose clipped Chinook near our trapping site. Adipose clipped Chinook caught in our trap are being counted as non-target fish to provide better clarity on data concerning run of river Chinook.

Table 25. Summary of Non-target Species (Dexter Dam).

| Species | Capture | Mortality | Season Total | Season Total Mortality |
|----------------------------|------------|-----------|--------------|------------------------|
| Bass Unknown | 16 | 3 | 84 | 6 |
| Bluegill | 7 | 0 | 56 | 0 |
| Chinook (adult) | 0 | 0 | 2 | 1 |
| Chinook (clipped) | 26 | 1 | 474 | 1 |
| Crappie | 315 | 21 | 1777 | 59 |
| Cutthroat Throat | 0 | 0 | 3 | 0 |
| Dace | 3 | 1 | 24 | 3 |
| Largescale Sucker | 1 | 1 | 5 | 2 |
| Largemouth Bass | 0 | 0 | 2 | 0 |
| Mountain Whitefish | 0 | 0 | 3 | 0 |
| <i>O. mykiss</i> | 0 | 0 | 4 | 0 |
| <i>O. mykiss</i> (clipped) | 3 | 0 | 6 | 0 |
| Northern Pikeminnow | 2 | 0 | 5 | 0 |
| Redside Shiner | 2 | 0 | 24 | 0 |
| Sculpin | 27 | 2 | 1314 | 49 |
| Smallmouth Bass | 1 | 1 | 10 | 2 |
| Walleye | 54 | 12 | 71 | 12 |
| Unknown | 0 | 0 | 2 | 0 |
| Totals | 446 | 42 | 3707 | 134 |

Stream Statistics

Basic stream statistics at the Dexter Dam site were calculated from data downloaded from the U.S. Geological Survey stream gauge numbers 14149510 and 14150000. Gauge height (feet) is the only metric provided at gauge 14149510. Total dissolved gas saturation data was received from gauge 14150000, 4.75 rkms downstream of the trap. During the reporting period, daily maximum values for instantaneous gauge height ranged from 637.3 feet to 637.4 feet (mean: 637.4 feet). Figure 32 shows instantaneous gauge height.

Total dissolved gas saturation ranged from 101 to 108% (mean: 105.6%) during the reporting period. Figure 33 shows total dissolved gas saturation.

Stream temperatures were recorded every 2 hours using a temperature probe at the Dexter Dam RST site during this reporting period. The temperature probe operated normally throughout the reporting period and can be seen in Figure 34.

Flows through the Powerhouse and Spill during the reporting period averaged 0 and 1,610.7 cubic feet per second (cfs) respectively (Figure 35). Catch per unit of effort (CPUE) data are summarized in Table 26. Discharge and capture data for the duration of monitoring efforts at this location are provided in Appendix B.

Table 26. Summary of salmonid CPUE, Dexter Dam.

| Description | Chinook |
|----------------|---------|
| Catch | 0 |
| Effort (hrs) | 384.5 |
| CPUE (fish/hr) | 0 |

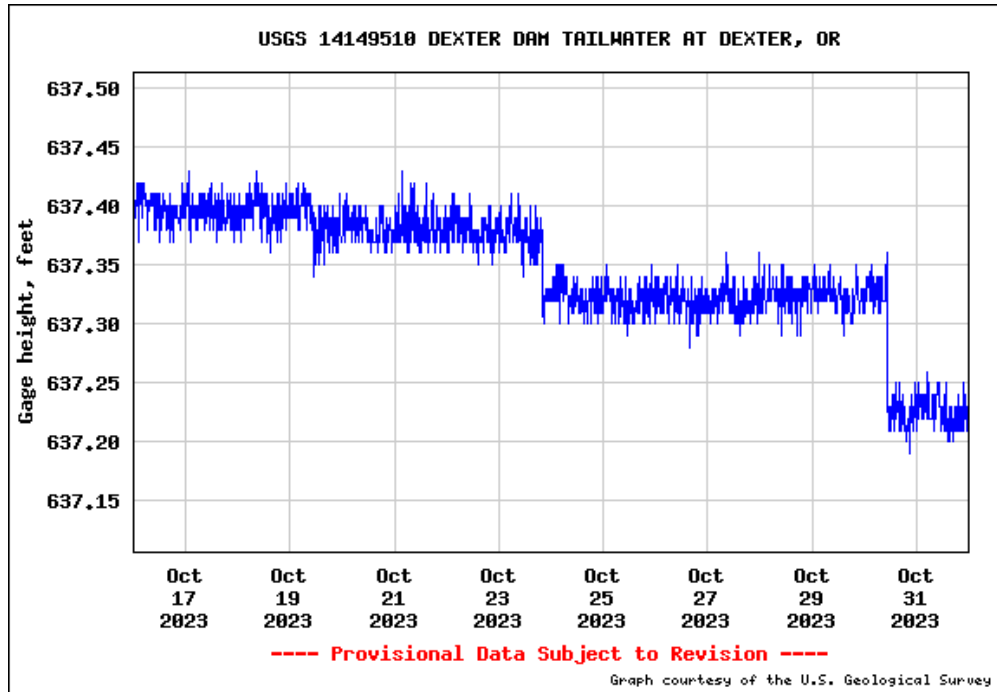


Figure 32. Gauge Height (feet); below Dexter Dam, Middle Fork Willamette.

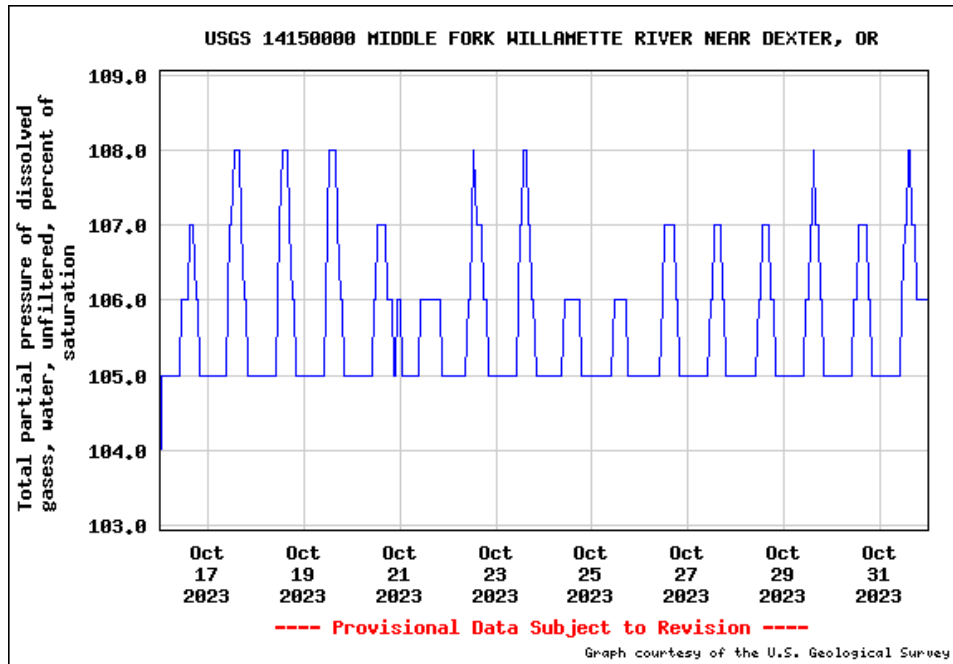


Figure 33. Total Dissolved Gas Saturation (%); Middle Fork Willamette River, Near Dexter, OR.

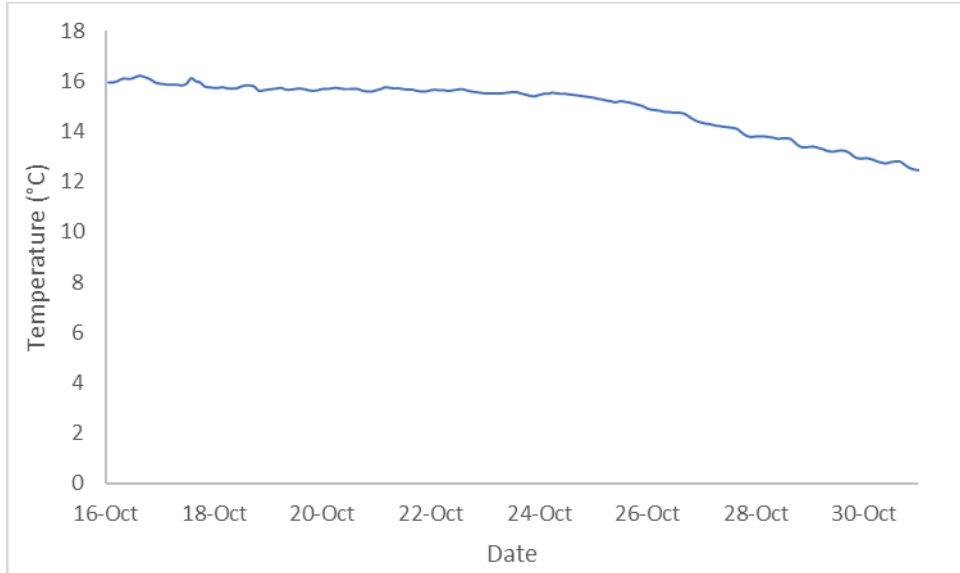


Figure 34. Temperature at RST (Dexter Dam).

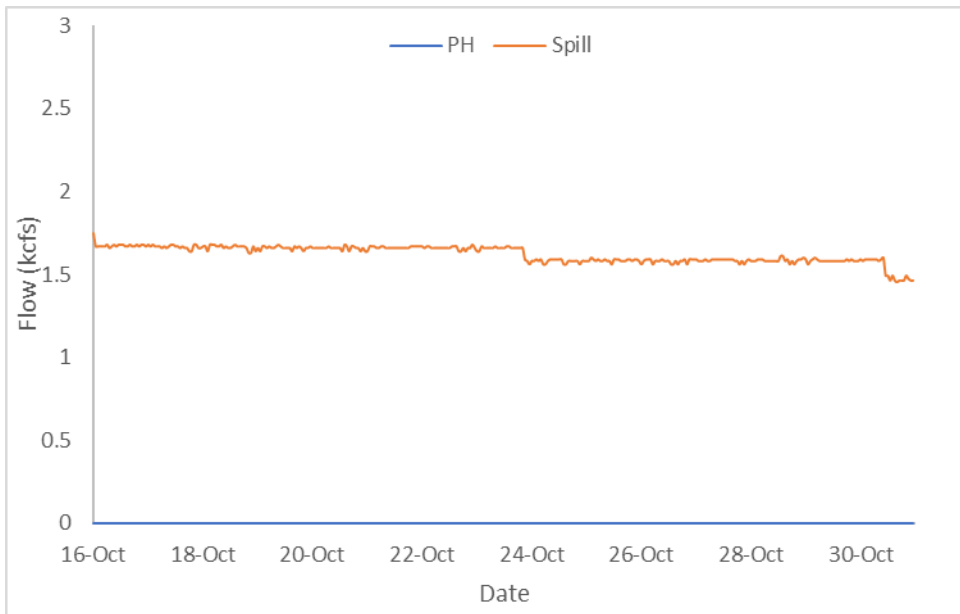


Figure 35. Hourly Flows PWR vs. Spill (Dexter Dam).

Middle Fork Willamette – Lookout Point Head of Reservoir

Target Species

The reporting period began October 16th and ended on October 31st. 0 Chinook salmon were captured during the 16-day sampling period (Figure 36). High flow and high debris caused the trap to be raised to the non-sampling position on October 21st. It resumed sampling on October 25th. Sampling duration was 75.0% for the 5 ft RST. Table 27 provides life stage, length, and weight data for all Chinook salmon that have been caught at the Middle Fork Willamette – Lookout Point Head of Reservoir site to-date and Figure 37 shows length frequency data to-date.

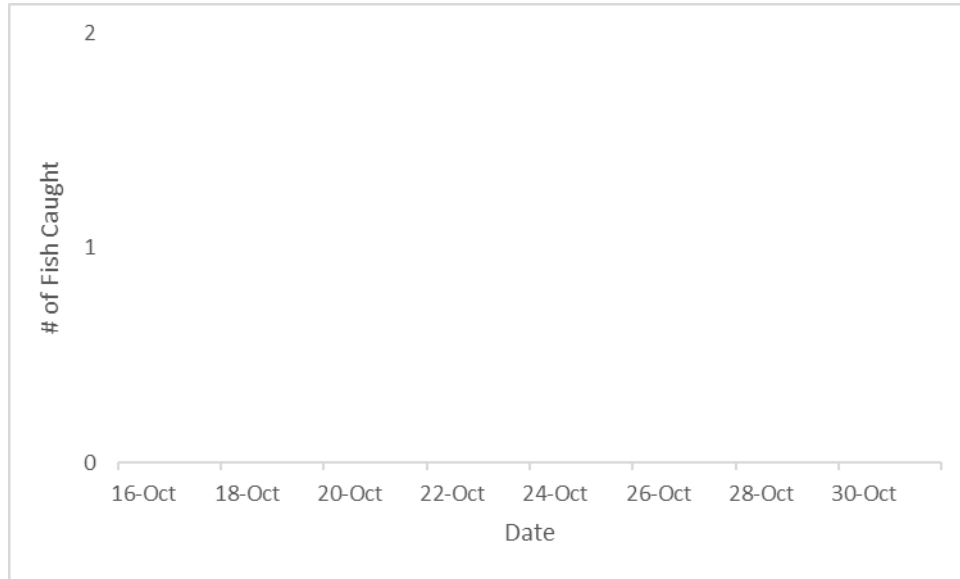


Figure 36. Chinook Captured Per Day 10/16/2023 to 10/31/2023 (Lookout Point Head of Reservoir).

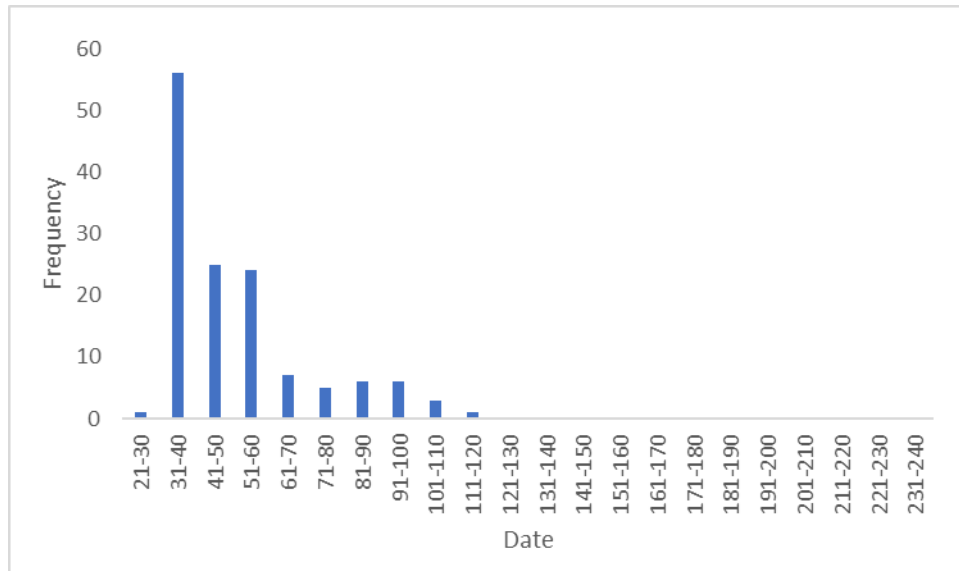


Figure 37. Length Frequency of Juvenile Chinook Sampled in 2023 (Lookout Point Head of Reservoir).

Table 27. Descriptive Statistics of Target Species Captured at Lookout Point Head of Reservoir, Season To-Date and for the Reporting Period.

| To-Date (Since Jan. 1, 2023) | | | | | | | | | | |
|---------------------------------|-------|---------|------------|-----------|--------------------------|-----|------|-------------------------|------|------|
| Site | Route | Species | Life stage | Collected | Length (mm) [*] | | | Weight (g) [*] | | |
| | | | | | Min | Max | Mean | Min | Max | Mean |
| Lookout Point Head of Reservoir | 5 ft | CHS | Smolt | 7 | 69 | 113 | 94.7 | 4.1 | 16.5 | 10.6 |
| | | CHS | Parr | 40 | 41 | 109 | 66.9 | 1.0 | 18.4 | 4.2 |
| | | CHS | Fry | 87 | 30 | 57 | 39.6 | 1.0 | 4.0 | 2.0 |
| October 16-31, 2023 | | | | | | | | | | |
| Site | Route | Species | Life stage | Collected | Length (mm) [*] | | | Weight (g) [*] | | |
| | | | | | Min | Max | Mean | Min | Max | Mean |
| Lookout Point Head of Reservoir | 5 ft | CHS | Smolt | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | CHS | Parr | 0 | N/A | N/A | N/A | N/A | N/A | N/A |
| | | CHS | Fry | 0 | N/A | N/A | N/A | N/A | N/A | N/A |

**Some fry are too small to accurately weigh and are omitted from the above tables.*

Trapping Efficiency

A total of 755 juvenile hatchery Chinook (sub-yearlings) were adipose and upper caudal clipped and released on 10/26/2023 above the Lookout Point Head of Reservoir trap. Fish were released in small groups to evaluate the traps' efficiency capturing fish migrating downstream. 0 fish was recaptured in the 5-ft RST for an efficiency of 0%.

| Lookout Point Head of Reservoir | Release # | Recapture # | Capture Efficiency |
|---------------------------------|-----------|-------------|--------------------|
| 5 ft | 755 | 0 | 0% (0/755) |

Injuries and Copepod Infection

There were 0 Chinook captured during this reporting period. 0 had partial descaling <20% (0.0%) and 0 had descaling >20% (0.0%). 0 had body injuries (0.0%) and 0 fish displayed eye injuries (0.0%). 0 fish had copepods in the branchial cavity (0.0%). There were 0 mortalities (0.0%). Injury data for the reporting period is shown in Table 28. To date data can be found in Appendix A.

Table 28. Number of Descaled, Bodily/Eye Injured, Copepod Infected and Dead Chinook Salmon for Sampling Period (Lookout Point Head of Reservoir).

| Site | # CHS Collected | # DSC* <20% | # DSC* >20% | # with Body Injuries | # with Eye Injuries | # with COP* In B.C. | # with COP* on Fins | Mortalities |
|---------------------------------|-----------------|-------------|-------------|----------------------|---------------------|---------------------|---------------------|-------------|
| Lookout Point Head of Reservoir | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

*DSC=Descaled, COP=Copepods, B.C.=Branchial Cavity

Collected DNA and Scale Samples

Scales and DNA were collected from 0 Chinook captured for the reporting period.

PIT Tags

0 Spring Chinook were PIT tagged during this reporting period. Refer to Appendix D for further information regarding PIT tags during this reporting period.

VIE Marking

Visual Implant Elastomer (VIE) trials commenced at the Lookout Point Head of Reservoir site on 6/25/2022. VIE tag color and locations are changed every month to distinctly mark groups of fish by capture date. Since then, 68 Chinook have been VIE marked with fluorescent elastomer. No fish with VIE marks have been detected at downstream RST sites to date. Fish still showing an egg sac are not VIE marked. A summary of VIE marked fish at the Lookout Point Head of Reservoir site is available in Table 29.

Table 29. Summary of VIE Marked Chinook at the Lookout Point Head of Reservoir site.

| Date Tagged | Tag Location | VIE Color | # Tagged | # Recaptured to Date |
|---------------------|--------------|-----------|----------|----------------------|
| 6/25/2022-7/15/2022 | Left Dorsal | Yellow | 3 | 0 |
| 7/16/2022-7/31/2022 | Left Dorsal | Red | 1 | 0 |
| 1/1/2023-1/31/2023 | Left Dorsal | Blue | 7 | 0 |
| 2/1/2023-2/15/2023 | Right Dorsal | Yellow | 2 | 0 |
| 2/16/2023-2/28/2023 | Right Dorsal | Yellow | 1 | 0 |
| 3/1/2023-3/15/2023 | Right Dorsal | Red | 3 | 0 |
| 5/16/2023-5/31/2023 | Right Dorsal | Orange | 33 | 0 |
| 6/1/2023-6/15/2023 | Right Dorsal | Pink | 9 | 0 |
| 6/16/2023-6/30/2023 | Right Dorsal | Pink | 9 | 0 |

Non-Target Species

36 non-target species were captured during the reporting period; the data is summarized below in Table 30.

Table 30. Summary of Non-target Species (Lookout Point Head of Reservoir).

| Species | 5ft Capture | 5ft Mortality | Season Total | Season Total Mortality |
|----------------------------|-------------|---------------|--------------|------------------------|
| Chinook (clipped) | 0 | 0 | 13 | 0 |
| Crappie | 0 | 0 | 2 | 2 |
| Cutthroat Trout | 1 | 0 | 22 | 0 |
| Dace | 2 | 2 | 721 | 20 |
| Lamprey | 0 | 0 | 0 | 0 |
| Largescale Sucker | 2 | 1 | 109 | 1 |
| Mountain Whitefish | 1 | 1 | 62 | 16 |
| Northern Pikeminnow | 27 | 21 | 95 | 28 |
| <i>O. mykiss</i> | 3 | 1 | 221 | 4 |
| <i>O. mykiss</i> (clipped) | 0 | 0 | 0 | 0 |
| Redside Shiner | 0 | 0 | 5 | 0 |
| Sculpin | 0 | 0 | 41 | 0 |
| Unknown | 0 | 0 | 0 | 0 |
| Totals | 36 | 26 | 1291 | 71 |

Stream Statistics

Basic stream statistics for the Lookout Point Head of Reservoir RST site were calculated from data downloaded from the U.S. Geological Survey stream gauge number 14148000. During the reporting period, daily maximum values for instantaneous discharge ranged from 843.0 cfs to 1,330.0 cfs (mean: 991.5 cfs). Figure 38 shows instantaneous discharge.

Stream temperatures were recorded every 2 hours using a temperature probe at the Lookout Point Head of Reservoir RST site during this reporting period. Temperature probe at the RST operated normally throughout the reporting period (Figure 39).

Flows into Lookout Point Reservoir averaged 1,077.5 cfs (Figure 40). Catch per unit of effort (CPUE) data are summarized in Table 31. Discharge and capture data for the duration of monitoring efforts at this location are provided in Appendix B.

Table 31. Summary of Chinook CPUE at Lookout Point Head of Reservoir.

| Description | Chinook |
|----------------|---------|
| Catch | 0 |
| Effort (hrs) | 286.8 |
| CPUE (fish/hr) | 0 |

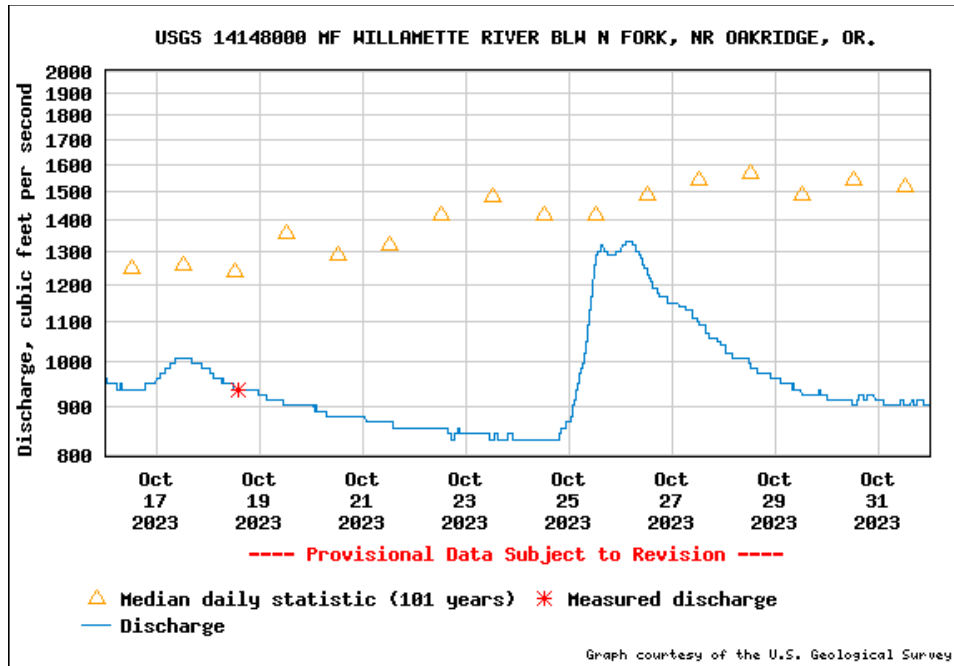


Figure 38. Discharge (cfs); above Lookout Point Reservoir, Below Oakridge, OR.

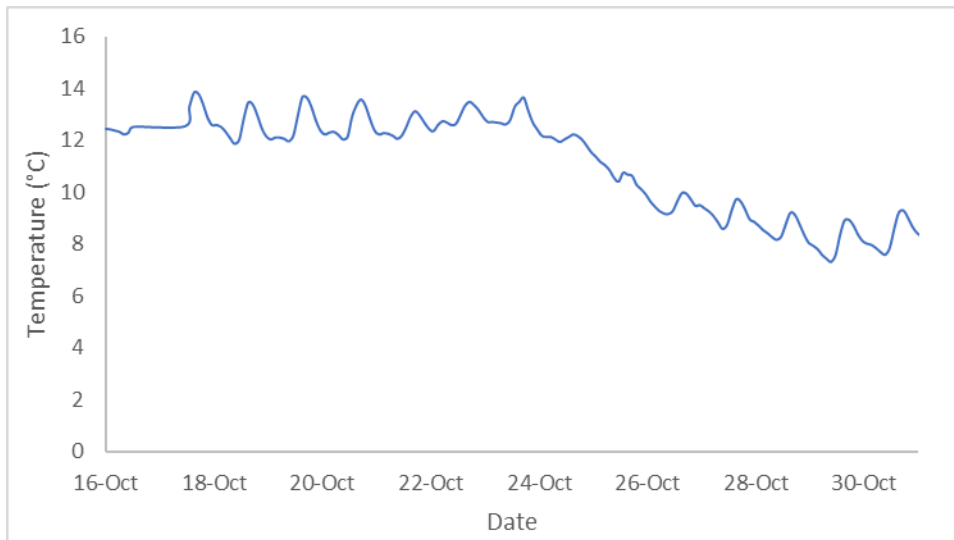


Figure 39. Temperature at RST (Lookout Point Head of Reservoir).

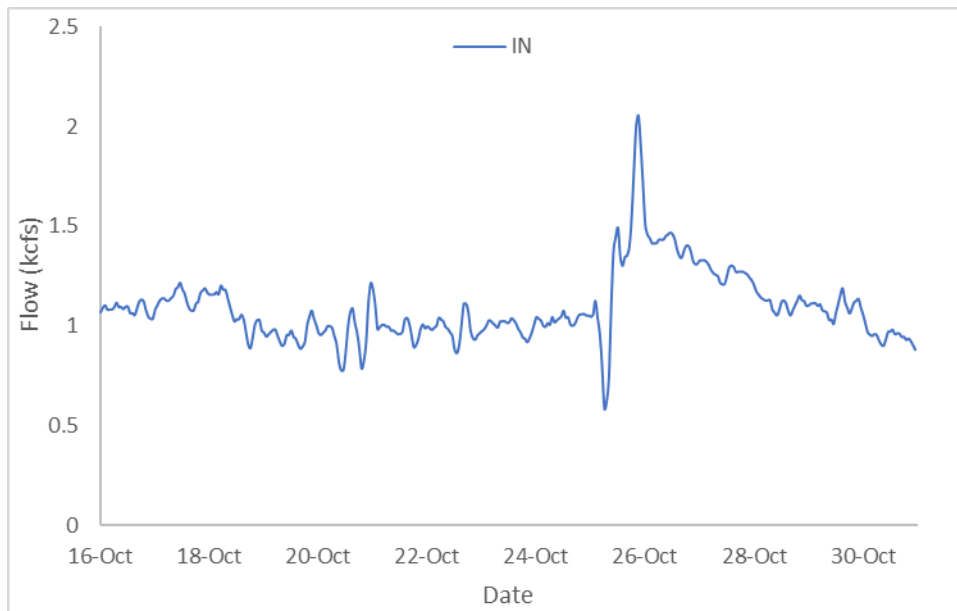


Figure 40. Hourly Flows (Lookout Point Head of Reservoir site).

Issues Encountered

A rainstorm resulted in high flows and significant amounts of debris. Crews performed multiple trap checks per day at sites but still observed some mortalities resulting from high debris loads in traps. This resulted in minor sampling stoppages at some sites while debris flushed and returned to a level that allowed for safe sampling of fish.

Upcoming USACE Support Services

None at this time.

Appendix A

Chinook (CHS) To Date

| Chinook Injuries to-Date | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|------------|------|------|-----|-----|-----|-----|------|------|-----|------|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Site/Trap/Life Stage | Total Fish | MUNK | DS<2 | BLO | EYB | FUN | BKD | COP | DS>2 | PRD | FID | HBO | BO | HO | BVT | HBP | BRU | TEA | OPD | HIN | FVB | POP | GBD |
| Big Cliff Dam | | | | | | | | | | | | | | | | | | | | | | | |
| 8 ft | 1892 | | 1160 | 15 | 129 | 17 | 16 | 1419 | 420 | 7 | 1065 | 6 | 15 | 5 | 61 | 12 | 137 | 72 | 234 | 109 | 123 | 25 | 81 |
| Adult | 1 | | 1 | | | | | | | | 1 | | | | | | 1 | 1 | 1 | | 1 | | |
| Parr | 40 | | 14 | 1 | 4 | 2 | | 20 | 5 | | 14 | | | | | 2 | | | 1 | 1 | | 1 | |
| Smolt | 1720 | | 1140 | 14 | 123 | 15 | 15 | 1399 | 414 | 7 | 1047 | 6 | 15 | 3 | 60 | 10 | 133 | 68 | 231 | 105 | 122 | 21 | 79 |
| Unknown | 2 | | | | | | | | | | | | | 2 | | | | | | | | 1 | |
| Fry | 129 | | 5 | | 2 | | 1 | | 1 | | 3 | | | | 1 | | 3 | 3 | 1 | 3 | | 2 | 2 |
| Green Peter Tail. | | | | | | | | | | | | | | | | | | | | | | | |
| 8 ft | 102 | 3 | 51 | 2 | 15 | 2 | | 7 | 28 | | 68 | | | | 8 | | 9 | 5 | 13 | 14 | 11 | 2 | 31 |
| Parr | 83 | 3 | 44 | | 9 | 2 | | 5 | 21 | | 54 | | | | 4 | | 6 | 3 | 11 | 10 | 11 | 2 | 25 |
| Smolt | 4 | | 2 | 1 | 1 | | | 1 | 2 | | 4 | | | | | | | | | | | | 2 |
| Fry | 15 | | 5 | 1 | 5 | | | 1 | 5 | | 10 | | | | 4 | | 3 | 2 | 2 | 4 | | | 4 |
| Foster Dam HOR | | | | | | | | | | | | | | | | | | | | | | | |
| 5 ft | 717 | | 86 | | 3 | | | 3 | 5 | | 67 | | 1 | 1 | 3 | | 5 | 12 | 4 | 15 | 1 | 6 | |
| Parr | 71 | | 48 | | | | | 3 | | | 22 | | | | 1 | | | | | 1 | | | |
| Smolt | 49 | | 35 | | | | | | | | 25 | | | | | | 1 | | | | 2 | | |
| Fry | 597 | | 3 | | 3 | | | | 5 | | 20 | | 1 | 1 | 2 | | 4 | 12 | 3 | 13 | 1 | 6 | |
| Cougar Dam | | | | | | | | | | | | | | | | | | | | | | | |
| RO | 4142 | 12 | 3335 | 52 | 556 | 158 | 12 | 4407 | 1302 | 13 | 3592 | 3 | 9 | 2 | 194 | 83 | 345 | 225 | 731 | 204 | 579 | 50 | 1318 |
| Parr | 328 | | 190 | 5 | 55 | 9 | 1 | 206 | 86 | 1 | 199 | | | | 11 | 6 | 14 | 13 | 22 | 20 | 7 | 6 | 46 |
| Smolt | 3775 | 1 | 2490 | 37 | 459 | 141 | 11 | 3520 | 1070 | 10 | 2978 | 3 | 3 | | 138 | 70 | 288 | 166 | 643 | 155 | 496 | 40 | 1265 |
| Fry | 39 | | 1 | | 3 | | | | 1 | | 2 | | | | | | 1 | | 1 | 2 | 1 | | |
| PH | 1390 | 11 | 654 | 10 | 39 | 8 | | 681 | 145 | 2 | 413 | | 6 | 2 | 45 | 7 | 42 | 46 | 65 | 27 | 75 | 4 | 7 |
| Parr | 361 | 1 | 200 | 3 | 12 | 4 | | 137 | 38 | 2 | 105 | | 1 | 12 | 3 | 8 | 16 | 17 | 10 | 11 | | | 1 |
| Smolt | 638 | | 450 | 7 | 21 | 4 | | 543 | 100 | | 302 | | 5 | 32 | 4 | 31 | 23 | 44 | 14 | 64 | 1 | | 6 |
| Unknown | 2 | | | | | | | | | | | | | 2 | | | | | | | | | |
| Fry | 389 | 10 | 4 | | 6 | | | 1 | 7 | | 6 | | | | 1 | | 3 | 7 | 4 | 3 | | 3 | |
| Cougar Dam HOR | | | | | | | | | | | | | | | | | | | | | | | |
| 5 ft | 6565 | 9 | 392 | 7 | 16 | 8 | | 42 | 57 | 25 | 335 | 2 | 1 | | 9 | | 50 | 60 | 67 | 52 | 16 | 30 | |
| Parr | 1133 | | 333 | 7 | 3 | 7 | | 36 | 19 | 14 | 237 | | | | 4 | | 14 | 31 | 11 | 10 | 6 | 6 | |
| Smolt | 86 | | 34 | | 2 | | | 4 | 17 | 2 | 28 | | | | 3 | | 6 | 1 | 5 | 2 | | 3 | |
| Fry | 5346 | 9 | 25 | | 11 | 1 | | 2 | 21 | 9 | 70 | 2 | 1 | | 2 | | 30 | 28 | 51 | 40 | 10 | 21 | |
| Fall Creek HOR | | | | | | | | | | | | | | | | | | | | | | | |
| 8 ft | 155 | | 5 | 1 | | | | 2 | 4 | | 5 | 1 | | | | | 2 | 3 | | 2 | | 1 | |
| Parr | 10 | | 3 | | | | | 1 | 2 | | 3 | | | | | | 1 | | | | | | |
| Smolt | 5 | | 1 | | | | | 1 | | | | | | | | | | | | | | | |
| Fry | 140 | | 1 | 1 | | | | | 2 | | 2 | 1 | | | | | 1 | 3 | | 2 | | 1 | |
| Dexter Dam Tail. | | | | | | | | | | | | | | | | | | | | | | | |
| 5 ft | 123 | | 70 | | 8 | | | 19 | 35 | | 63 | | | | 2 | | 5 | 5 | 9 | 6 | 6 | 1 | 21 |
| Parr | 22 | | 8 | | 3 | | | 2 | 6 | | 9 | | | | | | | 2 | 3 | 2 | | | 6 |
| Smolt | 98 | | 62 | | 5 | | | 17 | 29 | | 53 | | | 2 | | | 5 | 3 | 6 | 4 | 6 | 1 | 15 |
| Fry | 3 | | | | | | | | | | 1 | | | | | | | | | | | | |
| Lookout Point HOR | | | | | | | | | | | | | | | | | | | | | | | |
| 5 ft | 243 | 1 | 58 | 1 | 3 | | | 3 | 5 | | 36 | | | | | | 4 | 3 | 4 | | 2 | | |
| Parr | 102 | | 47 | | | | | 1 | 1 | | 20 | | | | | | 1 | | 2 | | | | |
| Smolt | 13 | | 9 | 1 | | | | 1 | 2 | | 7 | | | | | | | | | | | 1 | |
| Fry | 128 | 1 | 2 | | 3 | | | 1 | 2 | | 9 | | | | | | 3 | 3 | 2 | | 1 | | |

Chinook (CHS) During Reporting Period

| Chinook Injuries During Reporting Period (10-16-2023 to 10-31-2023) | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------|------|------|-----|-----|-----|-----|------|------|-----|------|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Site/Trap/Life Stage | Total Fish | MUNK | DS<2 | BLO | EYB | FUN | BKD | COP | DS>2 | PRD | FID | HBO | BO | HO | BVT | HBP | BRU | TEA | OPD | HIN | FVB | POP | GBD |
| Big Cliff Dam | 62 | | 48 | 1 | 3 | | | 62 | 14 | | 54 | | | | 5 | 1 | 5 | 5 | 14 | 2 | 11 | | 3 |
| 8 ft | 62 | | 48 | 1 | 3 | | | 62 | 14 | | 54 | | | | 5 | 1 | 5 | 5 | 14 | 2 | 11 | | 3 |
| Smolt | 62 | | 48 | 1 | 3 | | | 62 | 14 | | 54 | | | | 5 | 1 | 5 | 5 | 14 | 2 | 11 | | 3 |
| Foster Dam HOR | 717 | | 86 | | 3 | | | 3 | 5 | | 67 | | 1 | 1 | 3 | | 5 | 12 | 4 | 15 | 1 | 6 | |
| 5 ft | 717 | | 86 | | 3 | | | 3 | 5 | | 67 | | 1 | 1 | 3 | | 5 | 12 | 4 | 15 | 1 | 6 | |
| Parr | 71 | | 48 | | | | | 3 | | | 22 | | | | 1 | | | | 1 | | | | |
| Smolt | 49 | | 35 | | | | | | | | 25 | | | | | | 1 | | | | 2 | | |
| Fry | 597 | | 3 | | 3 | | | | 5 | | 20 | | 1 | 1 | 2 | | 4 | 12 | 3 | 13 | 1 | 6 | |
| Cougar Dam | 1470 | | 1038 | 7 | 179 | 100 | | 1383 | 353 | 6 | 1256 | | | | 56 | 37 | 119 | 82 | 291 | 66 | 235 | 14 | 495 |
| RO | 1470 | | 1038 | 7 | 179 | 100 | | 1383 | 353 | 6 | 1256 | | | | 56 | 37 | 119 | 82 | 291 | 66 | 235 | 14 | 495 |
| Parr | 71 | | 49 | | 15 | 3 | | 48 | 18 | 1 | 52 | | | | 2 | 4 | 4 | 7 | 4 | 3 | | 1 | 9 |
| Smolt | 1399 | | 989 | 7 | 164 | 97 | | 1335 | 335 | 5 | 1204 | | | | 54 | 33 | 115 | 75 | 287 | 63 | 235 | 13 | 486 |
| Cougar Dam HOR | 34 | | 21 | | 1 | | | 1 | 7 | 2 | 16 | | | | | | 3 | 2 | 1 | 3 | 2 | | |
| 5 ft | 34 | | 21 | | 1 | | | 1 | 7 | 2 | 16 | | | | | | 3 | 2 | 1 | 3 | 2 | | |
| Parr | 30 | | 19 | | 1 | | | 1 | 7 | 2 | 16 | | | | | | 3 | 2 | 1 | 3 | 2 | | |
| Smolt | 4 | | 2 | | | | | | | | | | | | | | | | | | | | |

Steelhead (O. mykiss) To Date

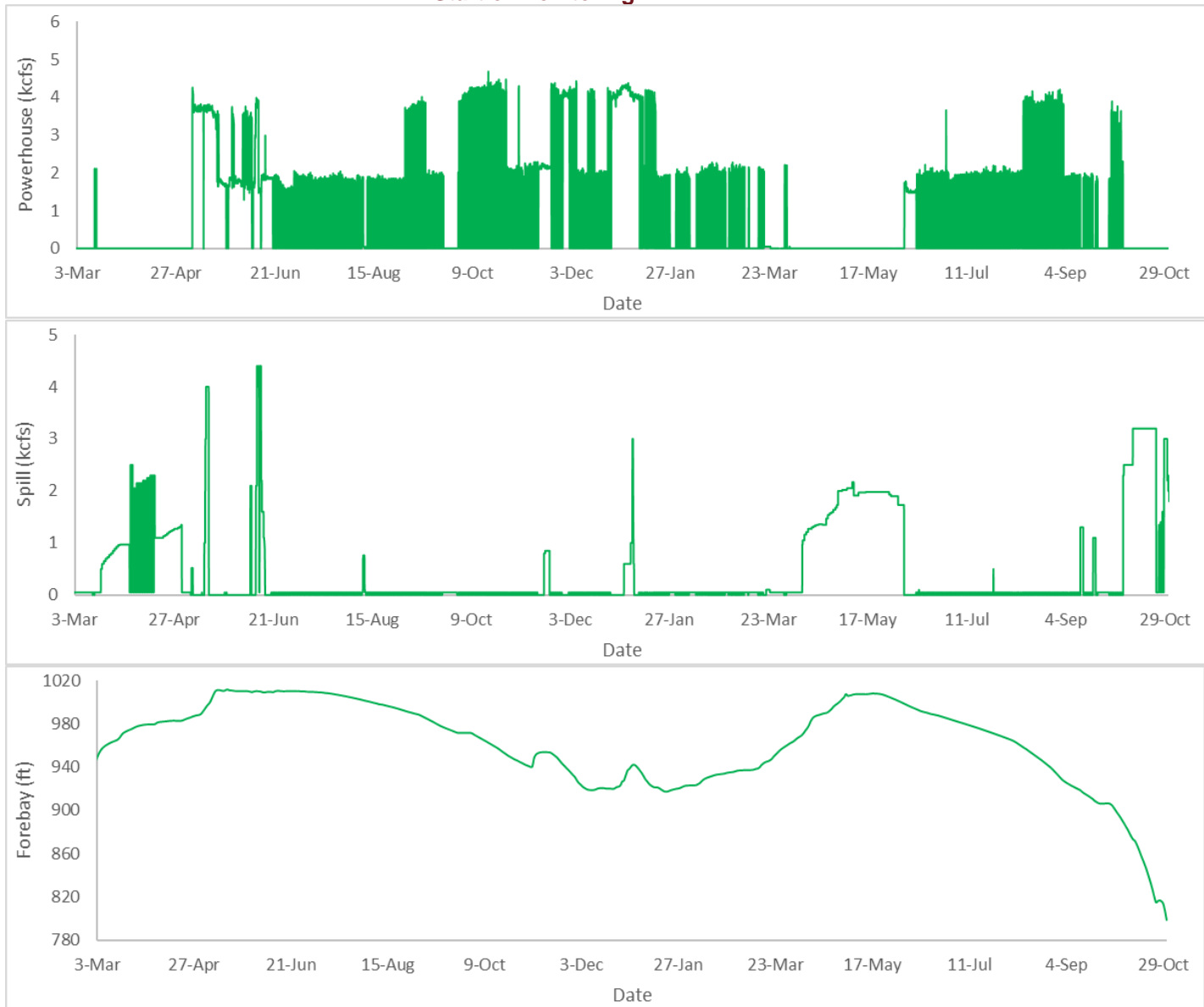
| O. mykiss Injuries to-Date | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------------|------|------|-----|-----|-----|-----|-----|------|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Site/Trap/Life Stage | Total Fish | MUNK | DS<2 | BLO | EYB | FUN | BKD | COP | DS>2 | PRD | FID | HBO | BO | HO | BVT | HBP | BRU | TEA | OPD | HIN | FVB | POP | GBD | |
| Big Cliff Dam | 355 | 1 | 57 | 4 | 7 | 4 | 6 | 52 | 22 | 1 | 75 | 1 | 1 | | 6 | | 15 | 7 | 17 | 16 | 12 | 3 | 13 | |
| 8 ft | 355 | 1 | 57 | 4 | 7 | 4 | 6 | 52 | 22 | 1 | 75 | 1 | 1 | | 6 | | 15 | 7 | 17 | 16 | 12 | 3 | 13 | |
| Adult | 1 | | | | | | | | 1 | | 1 | | 1 | | | | | | | | | | | |
| Parr | 59 | 1 | 13 | 4 | 1 | 1 | 1 | 1 | | | 18 | | | | | | 2 | 1 | 1 | 1 | 1 | | 1 | |
| Smolt | 65 | | 39 | | 6 | 3 | 5 | 51 | 21 | | 51 | 1 | | | 6 | | 10 | 5 | 15 | 15 | 11 | 3 | 11 | |
| Fry | 230 | | 5 | | | | | | | 1 | 5 | | | | | | 3 | 1 | 1 | | | | 1 | |
| Green Peter Tail. | 18 | | 8 | | 3 | | | 4 | 8 | | 14 | | | | 1 | | 4 | | 5 | 3 | 1 | 5 | 12 | |
| 8 ft | 18 | | 8 | | 3 | | | 4 | 8 | | 14 | | | | 1 | | 4 | | 5 | 3 | 1 | 5 | 12 | |
| Adult | 1 | | 1 | | | | | | | | 1 | | | | | | | | | | | | 1 | |
| Smolt | 16 | | 7 | | 3 | | | 4 | 8 | | 13 | | | | 1 | | 4 | | 5 | 3 | 1 | 5 | 11 | |
| Fry | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Foster Dam HOR | 345 | | 144 | | 3 | 5 | | 7 | | 2 | 133 | | | | | | 3 | 2 | 3 | 3 | 1 | 3 | | |
| 5 ft | 345 | | 144 | | 3 | 5 | | 7 | | 2 | 133 | | | | | | 3 | 2 | 3 | 3 | 1 | 3 | | |
| Adult | 7 | | 1 | | | | | | | | 2 | | | | | | | | | | | | | |
| Parr | 152 | | 50 | | 1 | 3 | | 5 | | | 55 | | | | | | 3 | | 2 | | 1 | 1 | | |
| Smolt | 146 | | 93 | | 2 | 2 | | 2 | | 2 | 75 | | | | | | | 1 | 1 | 2 | | 2 | | |
| Fry | 40 | | | | | | | | | | 1 | | | | | | | 1 | | 1 | | | | |

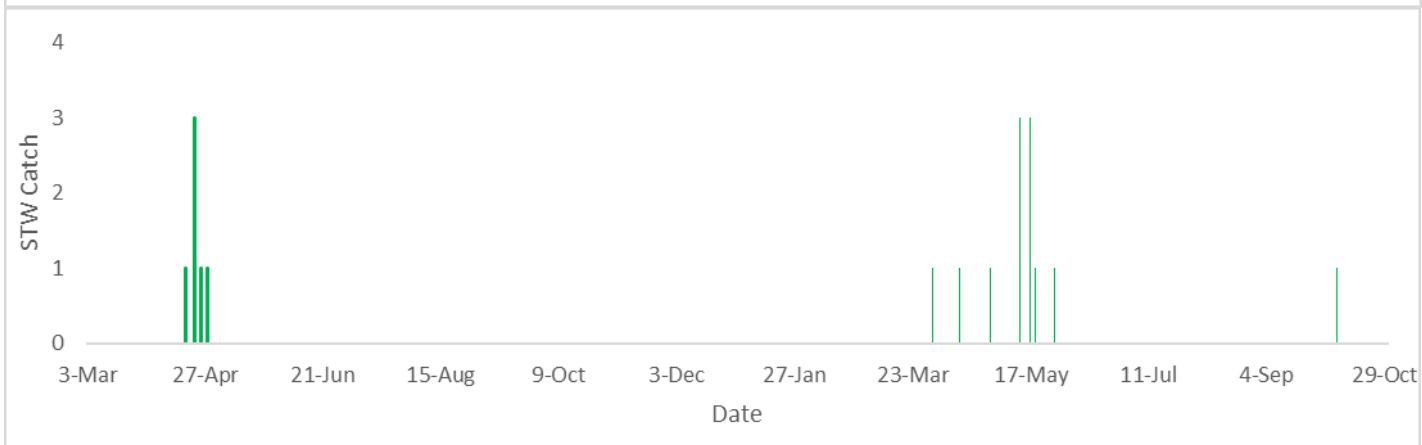
Steelhead (O. mykiss) During Reporting Period

| O. mykiss Injuries During Reporting Period (10-16-2023 to 10-31-2023) | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------|------|------|-----|-----|-----|-----|-----|------|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Site/Trap/Life Stage | Total Fish | MUNK | DS<2 | BLO | EYB | FUN | BKD | COP | DS>2 | PRD | FID | HBO | BO | HO | BVT | HBP | BRU | TEA | OPD | HIN | FVB | POP | GBD |
| Big Cliff Dam | 2 | | 1 | | | | | 1 | | | 1 | | | | 1 | | | | | | | | |
| 8 ft | 2 | | 1 | | | | | 1 | | | 1 | | | | 1 | | | | | | | | |
| Parr | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Smolt | 1 | | 1 | | | | | 1 | | | 1 | | | | 1 | | | | | | | | |
| Foster Dam HOR | 20 | | 9 | | | | | | | | 8 | | | | | | | | | | | | |
| 5 ft | 20 | | 9 | | | | | | | | 8 | | | | | | | | | | | | |
| Parr | 9 | | 1 | | | | | | | | 2 | | | | | | | | | | | | |
| Smolt | 11 | | 8 | | | | | | | | 6 | | | | | | | | | | | | |

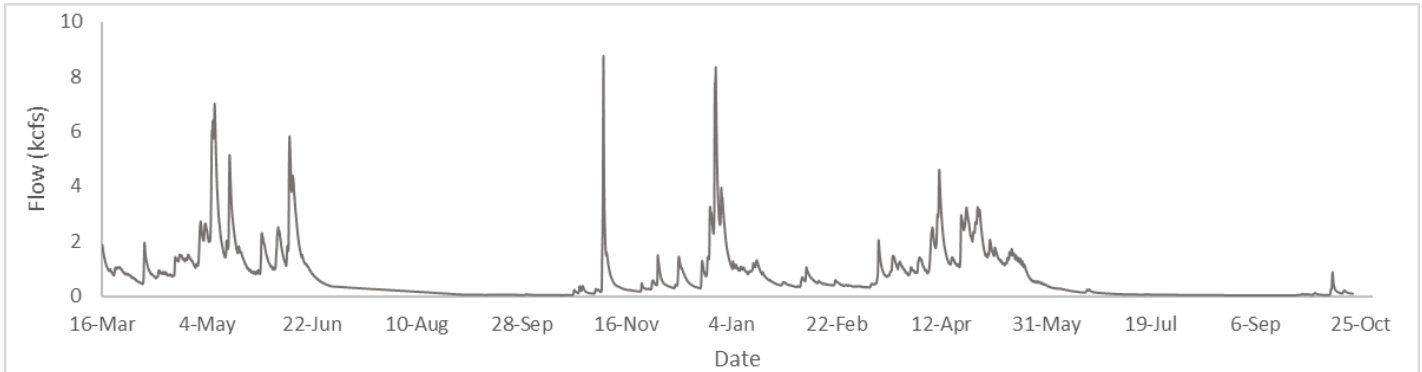
Appendix B

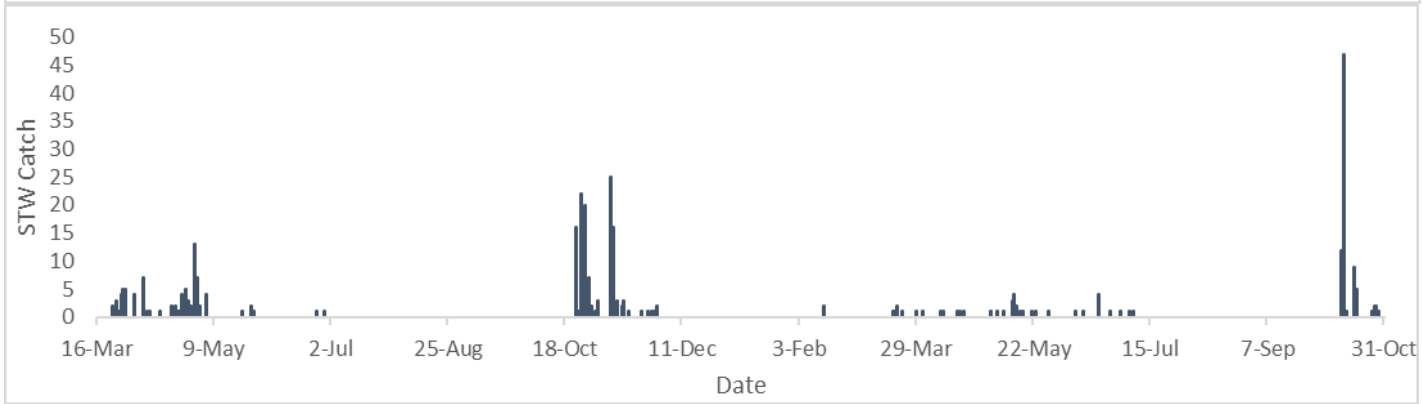
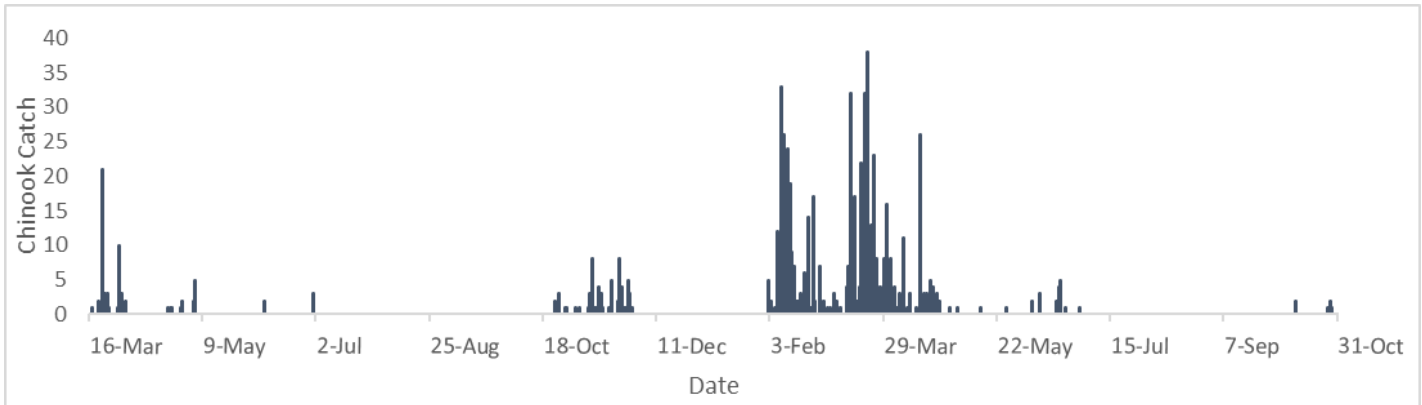
Green Peter Dam Operational and Green Peter Tailrace- Middle Santiam River Capture Data Since Start of Monitoring



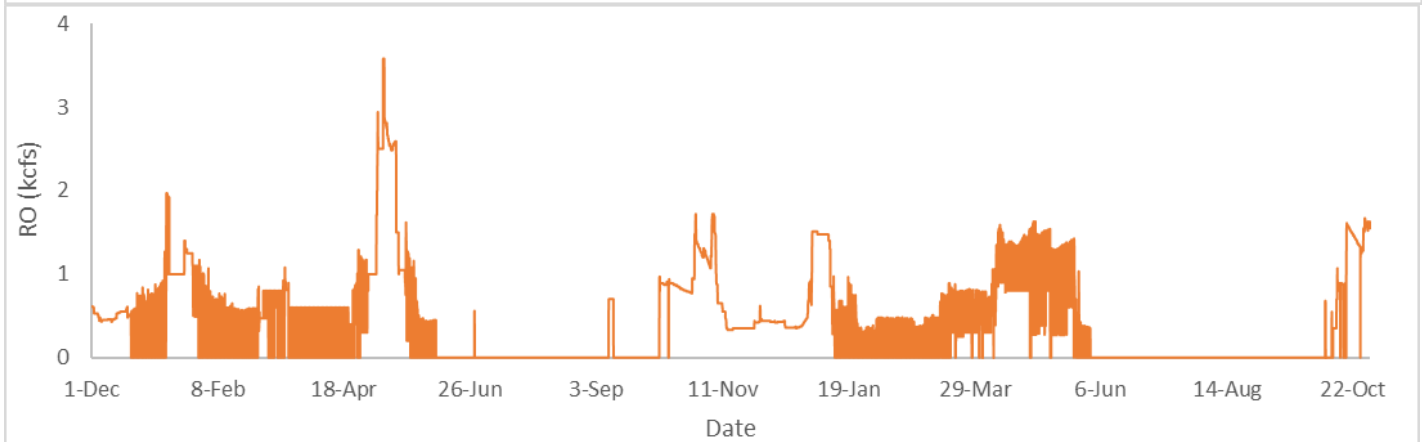
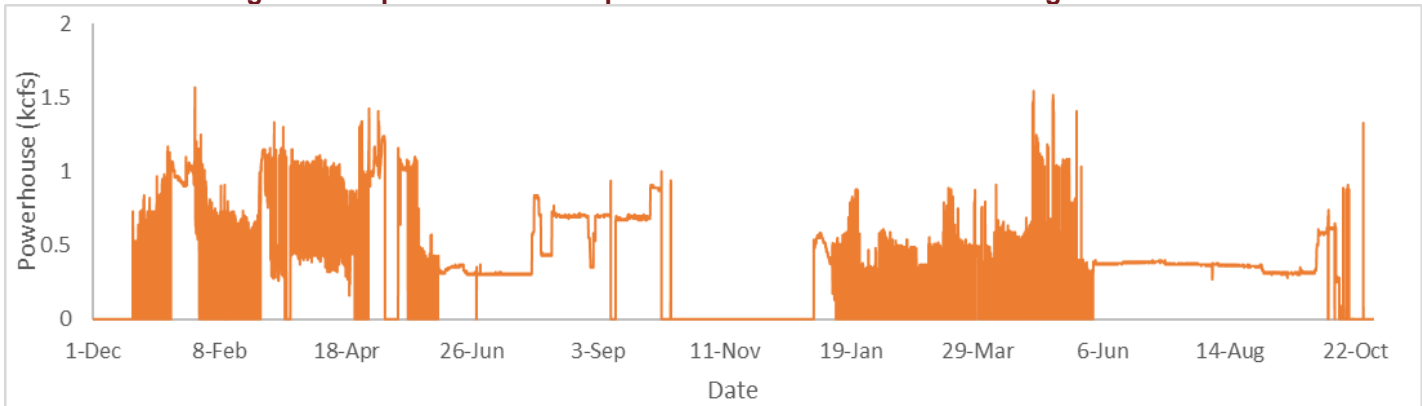


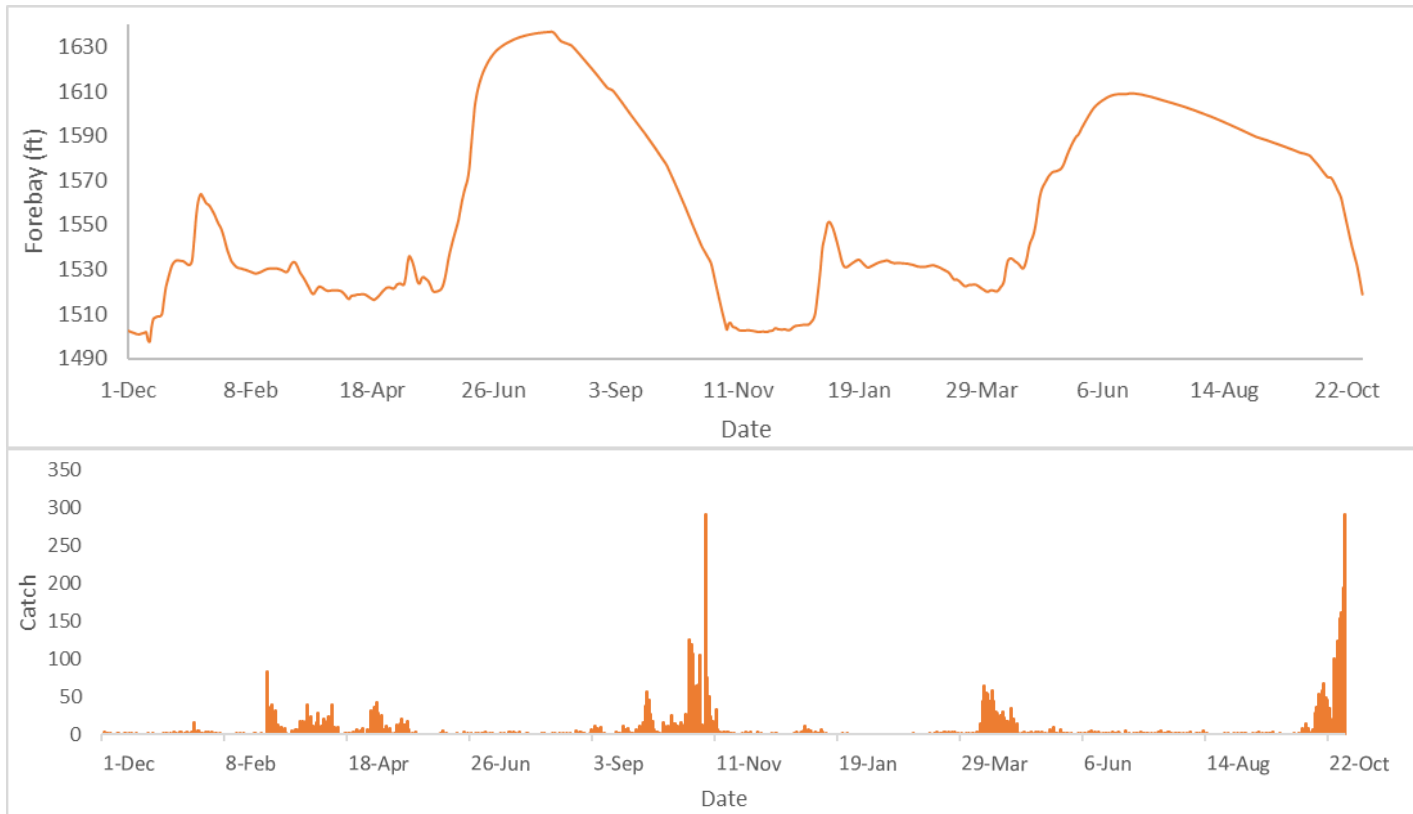
South Santiam River Above Foster Dam Discharge and Foster Dam Head of Reservoir Capture Data



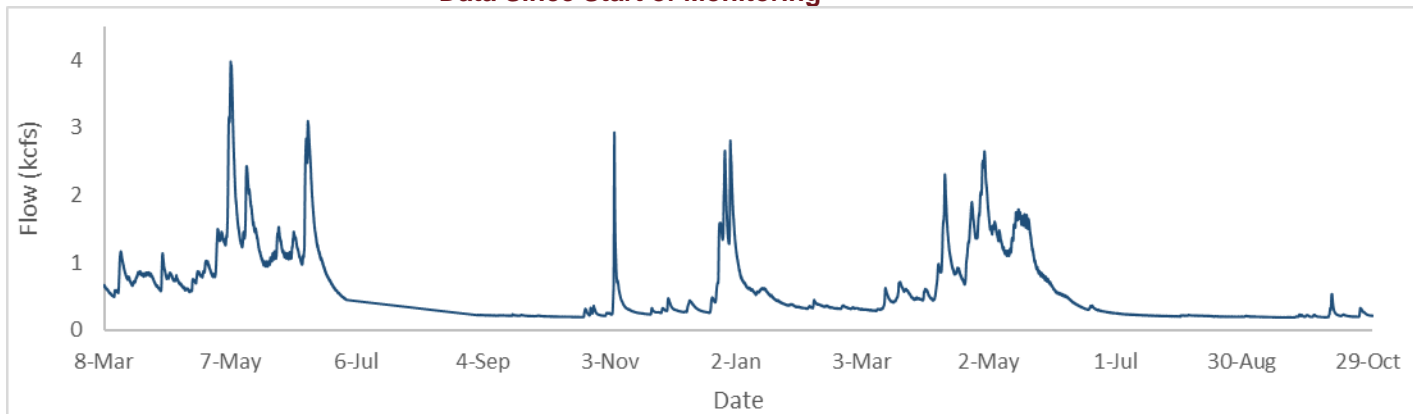


Cougar Dam Operational and Capture Data Since Start of Monitoring

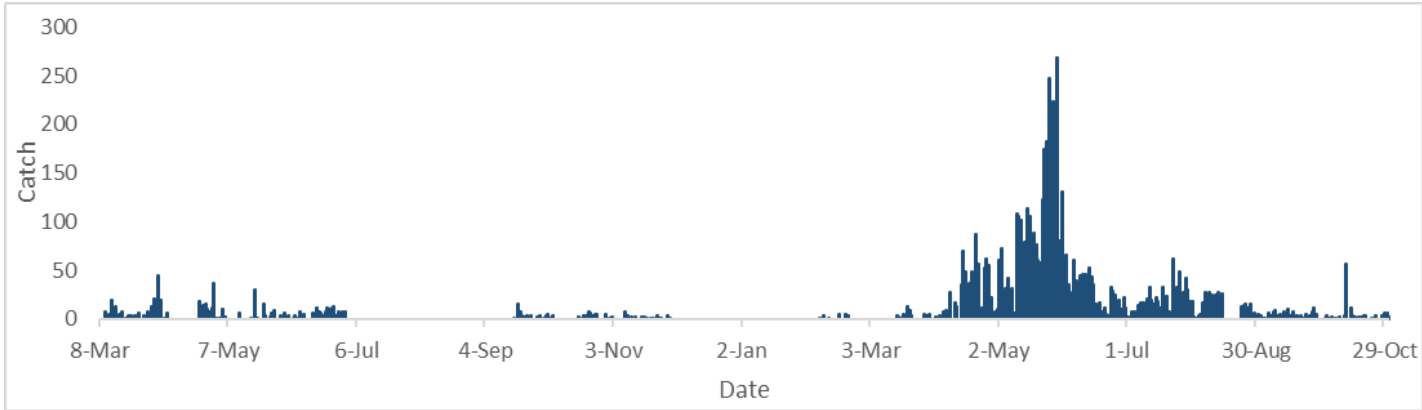




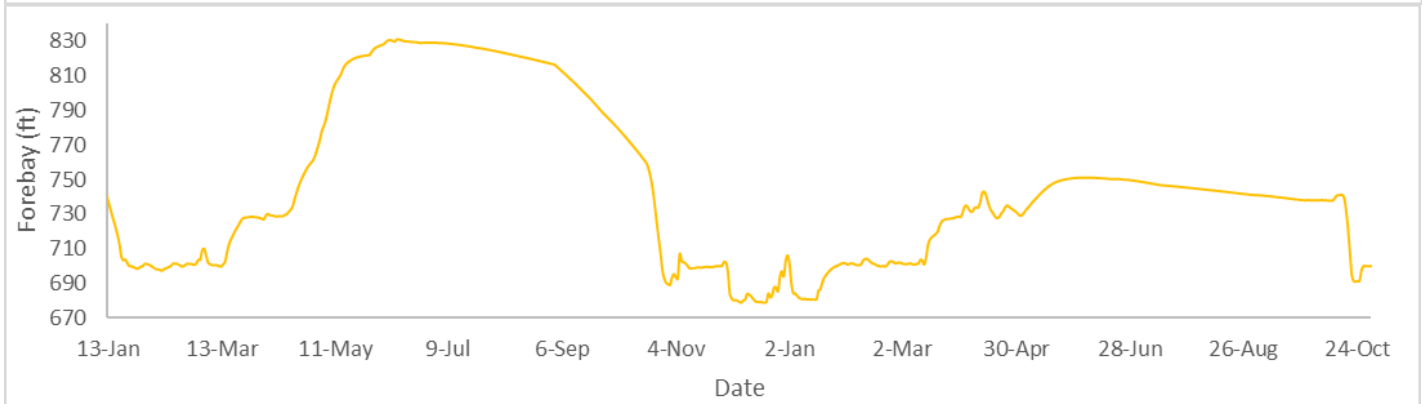
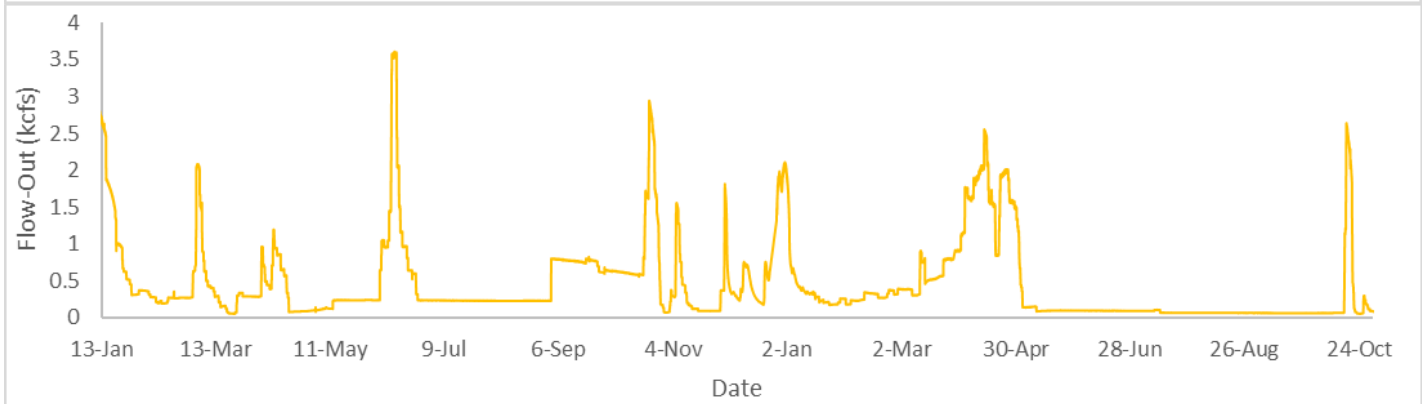
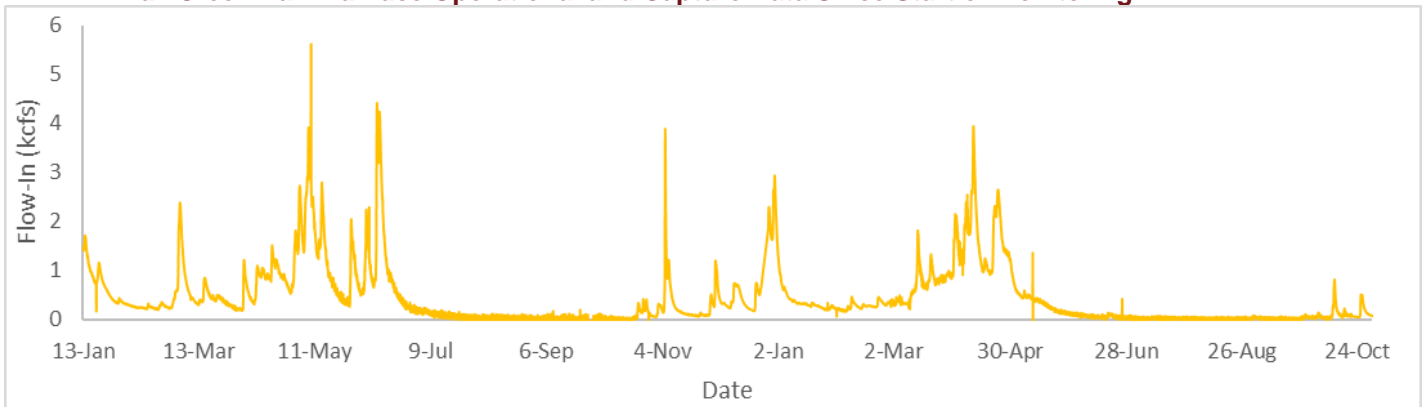
South Fork McKenzie above Cougar Dam Discharge and Cougar Dam Head of Reservoir Capture Data Since Start of Monitoring



Note: Discharge data was taken from USGS gauge site number 14159200, 250 meters upstream.

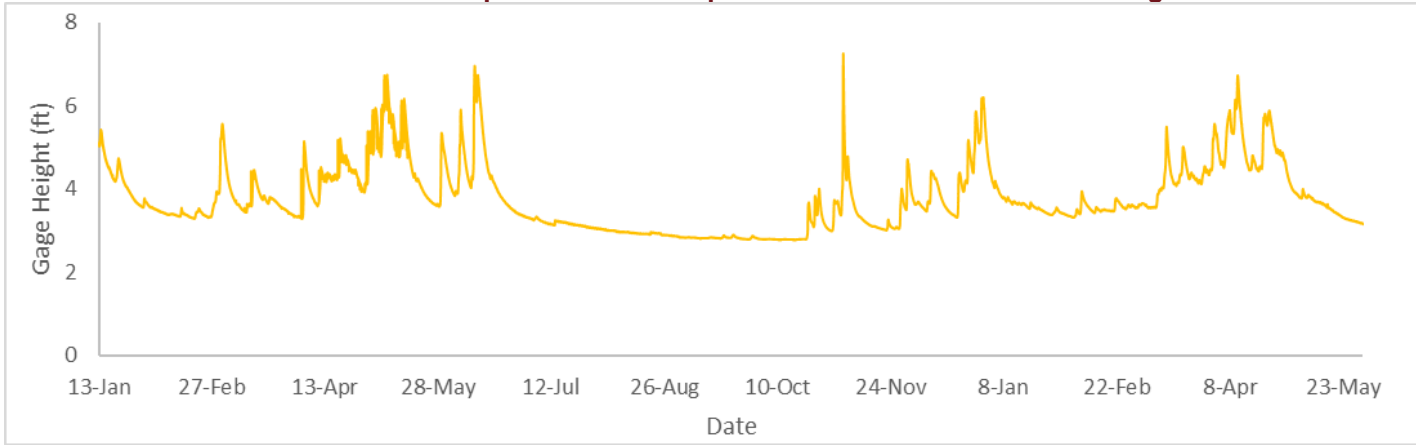


Fall Creek Dam Tailrace Operational and Capture Data Since Start of Monitoring



Note: Operational data was being tracked for Fall Creek Head of Reservoir site prior to initiation of Fall Creek Dam monitoring.

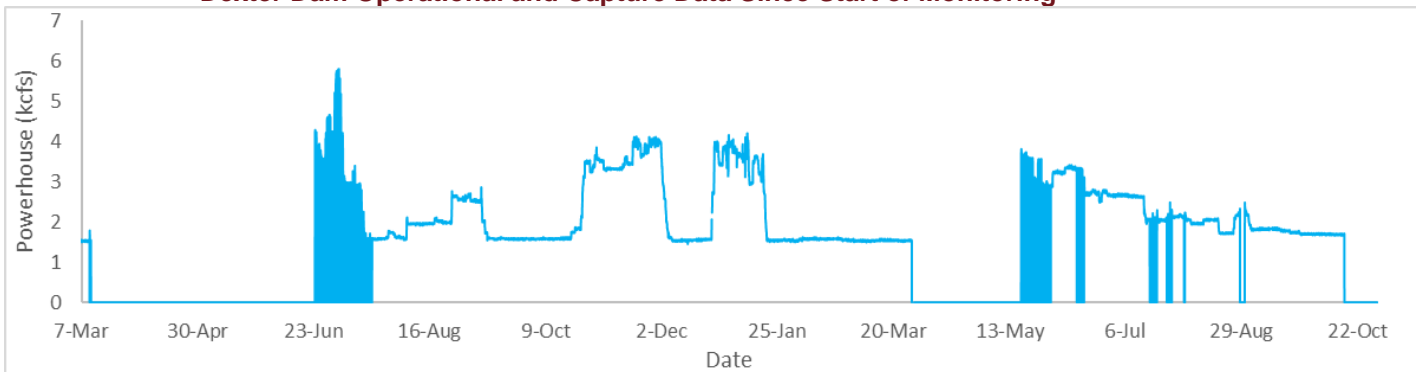
Fall Creek Head of Reservoir Operational and Capture Data Since Start of Monitoring



Note: Gauge height data was taken from USGS stream gauge number 14150290, 1.2 rkms downstream.

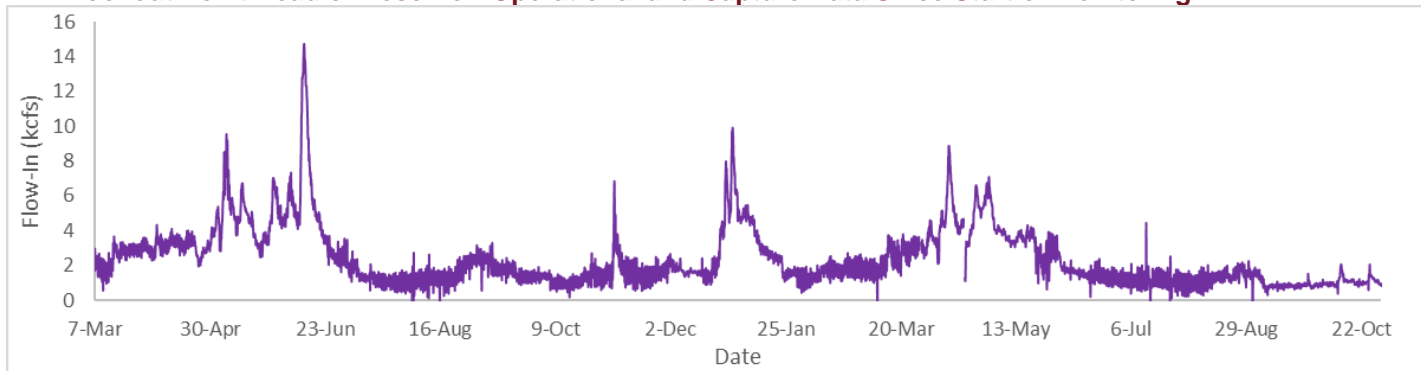


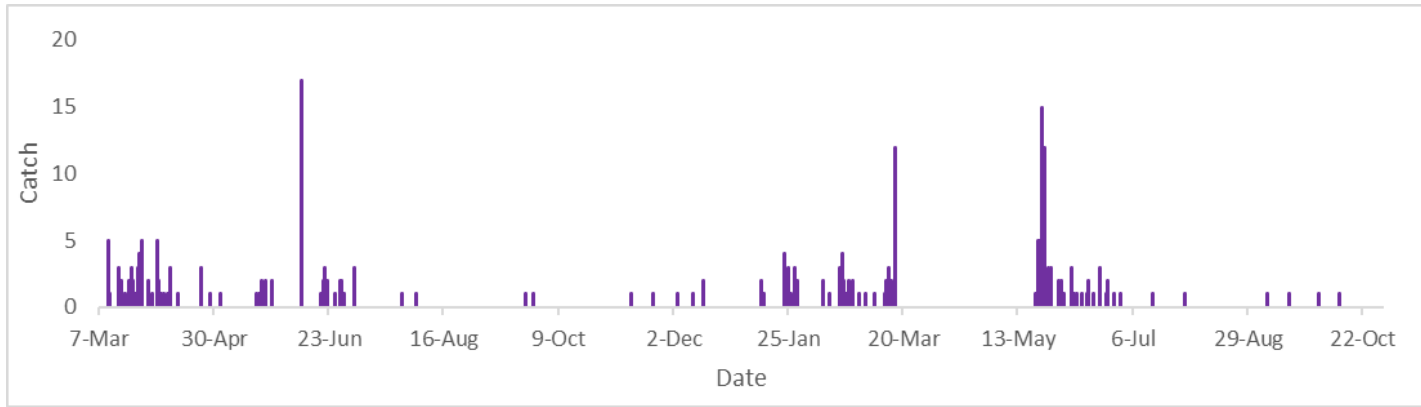
Dexter Dam Operational and Capture Data Since Start of Monitoring



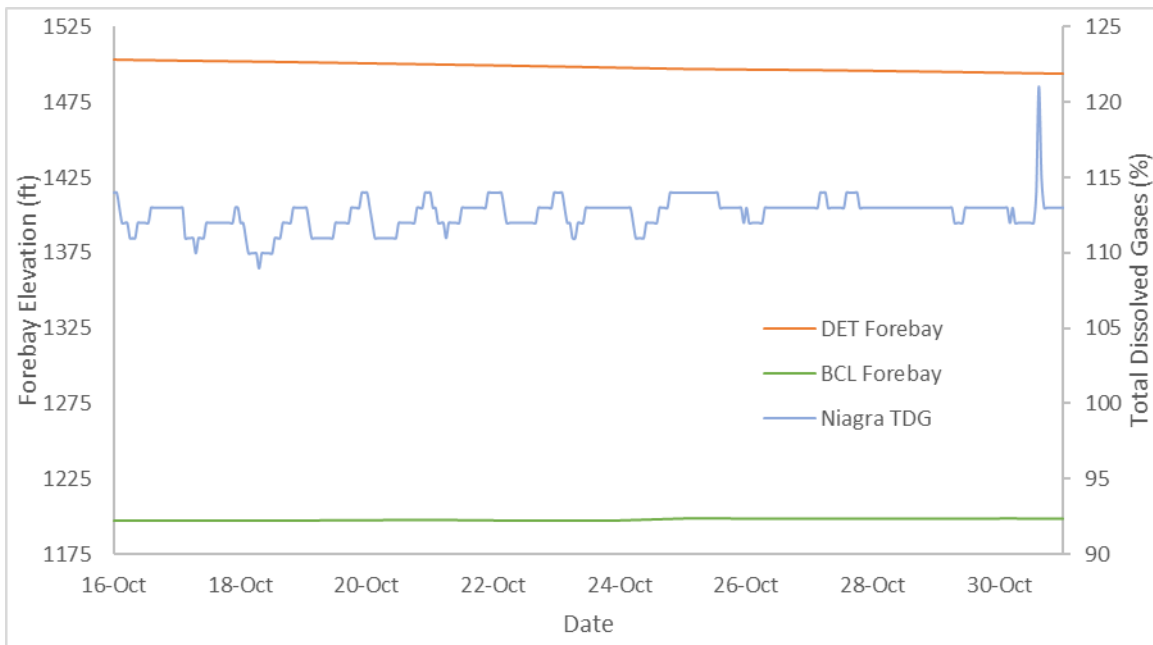


Lookout Point Head of Reservoir Operational and Capture Data Since Start of Monitoring





Detroit Dam Forebay Elevation



Appendix C

| Release Location | Date of Release | # of Fish Released | # of Fish Recaptured | % Efficiency |
|---|-----------------|--------------------|----------------------|--------------|
| Big Cliff Dam Tailrace | 12/22/2021 | 997 | 39 | 3.9% |
| Big Cliff Dam Tailrace | 5/25/2022 | 995 | 21 | 2.1% |
| Big Cliff Dam Tailrace | 8/9/2022 | 1000 | 92 | 9.2% |
| Big Cliff Dam Tailrace | 9/30/2022 | 995 | 48 | 4.8% |
| Big Cliff Dam Tailrace | 10/13/2022 | 500 | 15 | 3.0% |
| Big Cliff Dam Tailrace | 10/24/2022 | 535 | 25 | 4.7% |
| Big Cliff Dam Tailrace | 11/2/2022 | 949 | 40 | 4.2% |
| Big Cliff Dam Tailrace | 11/16/2022 | 509 | 15 | 2.9% |
| Big Cliff Dam Tailrace | 12/14/2022 | 502 | 60 | 12.0% |
| Big Cliff Dam Tailrace | 12/19/2022 | 1010 | 92 | 9.1% |
| Big Cliff Dam Tailrace | 12/21/2022 | 1014 | 33 | 3.3% |
| Big Cliff Dam Tailrace | 12/27/2022 | 704 | 47 | 6.7% |
| Big Cliff Dam Tailrace | 12/29/2022 | 452 | 22 | 4.9% |
| Big Cliff Dam Tailrace | 1/25/2023 | 500 | 56 | 11.2% |
| Big Cliff Dam Tailrace | 2/17/2023 | 499 | 37 | 7.4% |
| Big Cliff Dam Tailrace | 3/7/2023 | 2,968 | 61 | 2.1% |
| Big Cliff Dam Tailrace | 3/10/2023 | 541 | 112 | 20.7% |
| Big Cliff Dam Tailrace | 4/28/2023 | 498 | 34 | 6.8% |
| Big Cliff Dam Tailrace | 5/23/2023 | 500 | 6 | 1.2% |
| Big Cliff Dam Tailrace | 6/21/2023 | 500 | 8 | 1.6% |
| Big Cliff Dam Tailrace | 7/5/2023 | 500 | 33 | 6.6% |
| Big Cliff Dam Tailrace | 8/3/2023 | 474 | 42 | 8.9% |
| Big Cliff Dam Tailrace | 9/19/2023 | 424 | 64 | 15.1% |
| Big Cliff Dam Tailrace | 10/6/2023 | 500 | 56 | 11.2% |
| Green Peter Dam Tailrace- Spill | 3/29/2022 | 643 | 4 | 0.6% |
| Green Peter Dam Tailrace- Spill | 4/30/2022 | 518 | 9 | 1.7% |
| Green Peter Dam Tailrace- Spill (Dead Fish) | 5/11/2023 | 1,001 | 0 | 0% |
| Green Peter Dam Tailrace- Spill | 5/11/2023 | 999 | 9 | 0.9% |
| Green Peter Dam Tailrace- PWR | 5/25/2023 | 1,000 | 10 | 1.0% |
| Green Peter Dam Tailrace- PWR | 6/23/2023 | 1000 | 23 | 2.3% |
| Green Peter Dam Tailrace- PWR | 7/27/2023 | 1,009 | 13 | 1.3% |
| Green Peter Dam Tailrace- PWR | 8/16/2023 | 1,008 | 7 | 0.7% |
| Green Peter Dam Tailrace- PWR | 8/31/2023 | 1,000 | 8 | 0.8% |
| Green Peter Dam Tailrace- PWR | 10/4/2023 | 1,005 | 0 | 0% |
| Foster Dam Head of Reservoir | 9/29/2022 | 1,063 | 0 | 0% |
| Foster Dam Head of Reservoir | 10/25/2022 | 821 | 116 | 14.1% |
| Foster Dam Head of Reservoir | 11/1/2022 | 1006 | 263 | 26.1% |
| Foster Dam Head of Reservoir | 11/9/2022 | 1007 | 68 | 6.8% |
| Foster Dam Head of Reservoir | 11/15/2022 | 1009 | 55 | 5.5% |
| Foster Dam Head of Reservoir | 11/22/2022 | 933 | 163 | 17.5% |
| Foster Dam Head of Reservoir | 2/27/2023 | 1,002 | 21 | 2.1% |
| Foster Dam Head of Reservoir | 3/9/2023 | 995 | 62 | 6.2% |
| Foster Dam Head of Reservoir | 3/15/2023 | 1,025 | 0 | 0% |
| Foster Dam Head of Reservoir | 5/11/2023 | 985 | 20 | 2.0% |
| Foster Dam Head of Reservoir | 6/2/2023 | 1,003 | 79 ^a | 7.9% |
| Foster Dam Head of Reservoir | 6/29/2023 | 1,000 | 16 | 1.6% |
| Foster Dam Head of Reservoir | 7/27/2023 | 989 | 0 | 0.0% |
| Foster Dam Head of Reservoir | 8/31/2023 | 1,000 | 0 | 0.0% |
| Foster Dam Head of Reservoir | 9/27/2023 | 1,000 | 6 | 0.6% |
| Foster Dam Head of Reservoir | 10/10/2023 | 1,016 | 55 | 5.4% |
| Cougar Dam Powerhouse Channel | 1/19/2022 | 997 | 37 | 3.7% |
| Cougar Dam Regulating Outlet Channel | 1/19/2022 | 995 | 26 | 2.6% |
| Cougar Dam Powerhouse Channel | 4/20/2022 | 1000 | 67 | 6.7% |
| Cougar Dam Regulating Outlet Channel | 4/20/2022 | 995 | 16 | 1.6% |
| Cougar Dam Regulating Outlet Channel | 5/15/2022 | 500 | 64 | 12.8% |
| Cougar Dam Powerhouse Channel | 7/19/2022 | 535 | 148 | 27.7% |
| Cougar Dam Powerhouse Channel | 8/11/2022 | 949 | 29 | 3.1% |
| Cougar Dam Regulating Outlet Channel | 10/14/2022 | 509 | 49 | 9.6% |
| Cougar Dam Regulating Outlet Channel | 12/13/2022 | 502 | 42 | 8.4% |
| Cougar Dam Regulating Outlet Channel | 12/15/2022 | 1010 | 56 | 5.5% |
| Cougar Dam Regulating Outlet Channel | 12/20/2022 | 1014 | 61 | 6.0% |

| Release Location | Date of Release | # of Fish Released | # of Fish Recaptured | % Efficiency |
|--------------------------------------|-----------------|--------------------|----------------------|--------------|
| Cougar Dam Regulating Outlet Channel | 12/28/2022 | 704 | 14 | 2.0% |
| Cougar Dam Powerhouse Channel | 1/12/2023 | 843 | 159 | 18.9% |
| Cougar Dam Regulating Outlet Channel | 1/30/2023 | 509 | 6 | 1.2% |
| Cougar Dam Powerhouse Channel | 3/23/2023 | 500 | 49 | 9.8% |
| Cougar Dam Regulating Outlet Channel | 3/23/2023 | 511 | 4 | 0.8% |
| Cougar Dam Powerhouse Channel | 3/30/2023 | 497 | 12 | 2.4% |
| Cougar Dam Regulating Outlet Channel | 3/30/2023 | 491 | 31 | 6.3% |
| Cougar Dam Powerhouse Channel | 4/18/2023 | 297 | 14 | 4.7% |
| Cougar Dam Regulating Outlet Channel | 4/18/2023 | 501 | 2 | 0.4% |
| Cougar Dam Powerhouse Channel | 5/10/2023 | 499 | 5 | 1.0% |
| Cougar Dam Regulating Outlet Channel | 5/10/2023 | 499 | 0 | 0% |
| Cougar Dam Powerhouse Channel | 6/6/2023 | 507 | 65 | 12.8% |
| Cougar Dam Powerhouse Channel | 7/26/2023 | 510 | 61 | 12.0% |
| Cougar Dam Powerhouse Channel | 9/21/2023 | 500 | 53 | 10.6% |
| Cougar Dam Powerhouse Channel | 10/11/2023 | 500 | 83 | 16.6% |
| Cougar Dam Regulating Outlet Channel | 10/11/2023 | 518 | 14 | 2.7% |
| Cougar Dam Head of Reservoir | 3/18/2022 | 806 | 40 | 5.0% |
| Cougar Dam Head of Reservoir | 5/19/2022 | 498 | 23 | 4.6% |
| Cougar Dam Head of Reservoir | 6/23/2022 | 486 | 7 | 1.4% |
| Cougar Dam Head of Reservoir | 9/22/2022 | 551 | 56 | 10.2% |
| Cougar Dam Head of Reservoir | 10/5/2022 | 608 | 47 | 7.7% |
| Cougar Dam Head of Reservoir | 11/10/2022 | 704 | 33 | 4.7% |
| Cougar Dam Head of Reservoir | 11/16/2022 | 719 | 28 | 3.9% |
| Cougar Dam Head of Reservoir | 11/23/2022 | 752 | 48 | 6.4% |
| Cougar Dam Head of Reservoir | 11/29/2022 | 620 | 48 | 7.7% |
| Cougar Dam Head of Reservoir | 4/14/2023 | 506 | 10 | 2.0% |
| Cougar Dam Head of Reservoir | 5/10/2023 | 508 | 7 | 1.4% |
| Cougar Dam Head of Reservoir | 5/16/2023 | 497 | 23 | 4.6% |
| Cougar Dam Head of Reservoir | 6/8/2023 | 510 | 23 | 4.5% |
| Cougar Dam Head of Reservoir | 7/27/2023 | 758 | 27 | 3.6% |
| Cougar Dam Head of Reservoir* | 8/30/2023 | 5,151 | 120 | 2.3% |
| Cougar Dam Head of Reservoir | 9/21/2023 | 745 | 41 | 5.5% |
| Cougar Dam Head of Reservoir | 10/19/2023 | 750 | 42 | 5.6% |
| Fall Creek Dam Regulating Outlet | 06/08/2022 | 517 | 11 | 2.1% |
| Fall Creek Dam Regulating Outlet | 06/30/2022 | 513 | 0 | 0% |
| Fall Creek Dam Regulating Outlet | 07/13/2022 | 498 | 0 | 0% |
| Fall Creek Dam Regulating Outlet | 5/11/2023 | 998 | 0 | 0% |
| Fall Creek Dam Regulating Outlet | 6/28/2023 | 992 | 0 | 0% |
| Fall Creek Head of Reservoir | 5/5/2023 | 756 | 15 | 2.0% |
| Fall Creek Head of Reservoir | 5/10/2023 | 750 | 23 | 3.1% |
| Fall Creek Head of Reservoir | 5/18/2023 | 511 | 7 | 1.4% |
| Fall Creek Head of Reservoir | 5/24/2023 | 760 | 4 | 0.5% |
| Dexter Dam Spillway | 3/23/2022 | 988 | 2 | 0.2% |
| Dexter Dam Spillway | 5/4/2022 | 995 | 43 | 4.3% |
| Dexter Dam Spillway | 5/24/2022 | 1018 | 67 | 6.6% |
| Dexter Dam Powerhouse | 7/21/2022 | 976 | 2 | 0.2% |
| Dexter Dam Powerhouse | 10/26/2022 | 1007 | 1 | 0.1% |
| Dexter Dam Powerhouse | 11/1/2022 | 755 | 1 | 0.1% |
| Dexter Dam Powerhouse | 11/17/2022 | 991 | 4 | 0.4% |
| Dexter Dam Powerhouse | 12/6/2022 | 1010 | 10 | 1.0% |
| Dexter Dam Powerhouse | 12/15/2022 | 1025 | 1 | 0.1% |
| Dexter Dam Powerhouse | 3/16/2023 | 1,200 | 2 | 0.2% |
| Dexter Dam Spillway | 3/29/2023 | 1,199 | 5 | 0.4% |
| Dexter Dam Powerhouse | 5/25/2023 | 4,003 | 14 | 0.3% |
| Dexter Dam Powerhouse | 6/7/2023 | 4,010 | 4 | 0.1% |
| Dexter Dam Powerhouse | 6/21/2023 | 4,028 | 15 | 0.4% |
| Dexter Dam Powerhouse | 7/6/2023 | 4,000 | 5 | 0.13% |
| Dexter Dam Powerhouse | 8/2/2023 | 1,505 | 3 | 0.2% |
| Dexter Dam Powerhouse | 8/23/2023 | 4,012 | 14 | 0.35% |
| Dexter Dam Powerhouse | 9/6/2023 | 4,037 | 13 | 0.3% |
| Dexter Dam Powerhouse | 10/4/2023 | 4,001 | 7 | 0.17% |
| Dexter Dam Spillway | 10/24/2023 | 1,514 | 18 | 1.2% |
| Lookout Dam Powerhouse | 4/13/2022 | 998 | 0 | 0% |
| Lookout Dam Powerhouse | 5/23/2023 | 3,999 | 32 | 0.8% |

| Release Location | Date of Release | # of Fish Released | # of Fish Recaptured | % Efficiency |
|--------------------------------------|-----------------|--------------------|----------------------|--------------|
| Lookout Dam Powerhouse | 6/1/2023 | 4,011 | 6 | 0.1% |
| Lookout Dam Powerhouse | 6/14/2023 | 4,010 | 4 | 0.1% |
| Lookout Dam Powerhouse | 6/28/2023 | 4,010 | 3 | 0.1% |
| Lookout Dam Powerhouse | 7/18/2023 | 4,012 | 1 | 0.02% |
| Lookout Point Head of Reservoir | 4/5/2022 | 993 | 53 | 5.3% |
| Lookout Point Head of Reservoir | 4/14/2022 | 987 | 19 | 1.9% |
| Lookout Point Head of Reservoir | 5/18/2022 | 1004 | 125 | 12.5% |
| Lookout Point Head of Reservoir | 7/20/2022 | 1005 | 9 | 0.9% |
| Lookout Point Head of Reservoir | 10/27/2022 | 506 | 9 | 1.8% |
| Lookout Point Head of Reservoir | 11/17/2022 | 510 | 0 | 0% |
| Lookout Point Head of Reservoir | 12/12/2022 | 510 | 0 | 0% |
| Lookout Point Head of Reservoir | 1/13/2023 | 516 | 10 | 1.9% |
| Lookout Point Head of Reservoir | 6/2/2023 | 760 | 15 | 2.0% |
| Lookout Point Head of Reservoir | 6/15/2023 | 765 | 6 | 0.7% |
| Lookout Point Head of Reservoir | 6/29/2023 | 769 | 2 | 0.3% |
| Lookout Point Head of Reservoir | 7/19/2023 | 765 | 1 | 0.13% |
| Lookout Point Head of Reservoir | 8/31/2023 | 751 | 0 | 0.0% |
| Lookout Point Head of Reservoir | 9/20/2023 | 787 | 1 | 0.13% |
| Lookout Point Head of Reservoir | 10/26/2023 | 755 | 0 | 0.0% |
| Hills Creek Dam Powerhouse | 1/6/2022 | 596 | 20 | 3.4% |
| Hills Creek Dam Regulating Outlet | 1/6/2022 | 605 | 13 | 2.1% |
| Hills Creek Dam Powerhouse | 2/16/2022 | 600 | 12 | 2.0% |
| Hills Creek Dam Regulating Outlet | 2/16/2022 | 593 | 19 | 3.2% |
| Hills Creek Dam Powerhouse | 2/25/2022 | 604 | 6 | 1.0% |
| Hills Creek Dam Regulating Outlet | 2/25/2022 | 625 | 6 | 1.0% |
| Hills Creek Dam Powerhouse | 12/7/2022 | 514 | 29 | 5.6% |
| Hills Creek Dam Regulating Outlet | 12/13/2022 | 516 | 1 | 0.2% |
| Hills Creek Dam Powerhouse- RO Trial | 1/6/2022 | 596 | 5 | 0.8% |
| Hills Creek Dam Powerhouse- RO Trial | 2/16/2022 | 600 | 0 | 0% |
| Hills Creek Dam Powerhouse- RO Trial | 2/25/2022 | 604 | 1 | 0.2% |
| Hills Creek Dam Powerhouse- RO Trial | 12/7/2022 | 514 | 3 | 0.6% |
| Hills Creek Dam Powerhouse | 2/25/2023 | 519 | 15 | 2.9% |
| Hills Creek Dam Powerhouse- RO Trial | 2/25/2023 | 519 | 0 | 0% |
| Hills Creek Dam Regulating Outlet | 2/25/2023 | 478 | 0 | 0% |
| Hills Creek Dam Powerhouse | 4/26/2023 | 506 | 62 | 12.3% |
| Hills Creek Dam Powerhouse- RO Trial | 4/26/2023 | 506 | 12 | 2.4% |
| Hills Creek Dam Powerhouse | 5/17/2023 | 505 | 57 | 11.3% |
| Hills Creek Dam Powerhouse- RO Trial | 5/17/2023 | 505 | 2 | 0.4% |
| Hills Creek Dam Powerhouse | 6/3/2023 | 508 | 36 | 7.1% |
| Hills Creek Dam Powerhouse- RO Trial | 6/3/2023 | 508 | 2 | 0.4% |
| Hills Creek Dam Regulating Outlet | 6/13/2023 | 760 | 0 | 0% |
| Hills Creek Dam Powerhouse | 6/27/2023 | 507 | 22 | 4.3% |
| Hills Creek Dam Powerhouse- RO Trial | 6/27/2023 | 507 | 0 | 0% |

*Trapping efficiency release performed by Cramer Fish Sciences

Appendix D

Summary of PIT Tagged Fish for Reporting Period

| Site | Trap | # of PIT Tagged Fish |
|---|------|----------------------|
| Foster Dam Head of Reservoir- South Santiam | 5 ft | 22 |
| Cougar Dam | PWR | 0 |
| Cougar Dam | RO | 1126 |
| Cougar Dam Head of Reservoir | 5 ft | 26 |
| Fall Creek Head of Reservoir | 8 ft | 0 |
| Green Peter Tailrace- Middle Santiam | 8 ft | 0 |
| Dexter Dam Tailrace | 5 ft | 0 |
| Lookout Point Head of Reservoir | 5 ft | 0 |

Summary of EAS VIE Marked Fish for Reporting Period

| Site | Trap | Species | VIE Mark Code | # VIE |
|---------------------------------|------|---------|---------------|-------|
| Cougar Dam Head of Reservoir | 5 ft | Chinook | RDBB | 3 |
| Fall Creek Head of Reservoir | 8 ft | Chinook | RDBB | 0 |
| Lookout Point Head of Reservoir | 5 ft | Chinook | RDBB | 0 |

**RDBB denote location and color (Right Dorsal 2x Blue marks)*

List of Captured Fish Containing PIT Tags This Season

| Site | Trap | PIT Tag # | Date | Species |
|------------|------|----------------|-----------|---------|
| Cougar Dam | RO | 3DD.003BEE14EC | 1/1/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1565 | 1/2/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0B3B | 1/4/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0F24 | 1/5/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1B78 | 1/14/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE19BF | 1/14/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE29B1 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE23CE | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE23AF | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE19C3 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE19A0 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE17CA | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE17A5 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1C21 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2748 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1C16 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B5C | 1/13/2023 | Chinook |

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| Cougar Dam | PH | 3DD.003BEE1BC9 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE19AE | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1BE3 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2BA3 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1BF3 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE27B4 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2D74 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2DB5 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1B8C | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B8B | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2D68 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1B92 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2D86 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE27A5 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B1B | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1C26 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE27A3 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE19B9 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE17BA | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1B75 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B42 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2D88 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2DAF | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1C28 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2DAD | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2D6B | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE25BA | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2DAG | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1C0E | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE177C | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2BAB | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE279D | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2BA4 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE23BC | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B84 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE27BF | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1B91 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE19C7 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2BCA | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1BE1 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE25C1 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE272B | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B23 | 1/13/2023 | Chinook |

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| Cougar Dam | PH | 3DD.003BEE25A7 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE25B1 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE27CD | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE29C5 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE19BD | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE19C2 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1BA7 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE23A1 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE199A | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE17C7 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2997 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE25B3 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2991 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE17C3 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2BA6 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE27CB | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B6C | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2755 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1B90 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE25DC | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1BD2 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE299F | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2BB1 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE29AA | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE27BC | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2766 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE27BD | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1C06 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1B8B | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE271E | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B92 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1C22 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE29C1 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1B85 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2753 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE25CB | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1794 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2D76 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2D6C | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE17AD | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE17A2 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE179E | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2BAA | 1/13/2023 | Chinook |

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| Cougar Dam | PH | 3DD.003BEE2BC0 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1C1D | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B24 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1986 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE23FA | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B55 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE271C | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE19BD | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE275B | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1995 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE29C1 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE17D6 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1BC7 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE29D4 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1C0C | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2D7C | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE277A | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B8A | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE179A | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2BA9 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B4C | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE277F | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE274D | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1778 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B51 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE23A8 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B08 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2725 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1B86 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2D8F | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2D8E | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2975 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2D93 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2BA5 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE23A7 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1B82 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1BF6 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE19BF | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE23C8 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE23E6 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2BB6 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE197B | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B8D | 1/13/2023 | Chinook |

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| Cougar Dam | PH | 3DD.003BEE1B78 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE179B | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE259A | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE278E | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1BF0 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2758 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B1A | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1972 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE1BE2 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2590 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE27D9 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B59 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2730 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B62 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE2B36 | 1/13/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE274C | 1/13/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2C16 | 1/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0966 | 1/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2345 | 1/21/2023 | Chinook |
| Cougar Dam | PH | 3DD.003BEE23A2 | 3/14/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE16B9 | 3/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.0077CF7449 | 3/20/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BD2275C | 3/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1B2D | 4/10/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22B12 | 4/12/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CE0 | 4/13/2023 | Chinook |
| Cougar Dam | RO | 3DD.003B332C11 | 4/13/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22B0D | 4/13/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD227D4 | 4/13/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22B30 | 4/14/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2CE7 | 4/15/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1D22 | 4/15/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1B0A | 4/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1B14 | 4/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1B3A | 4/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1D8D | 4/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2286 | 4/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2562 | 4/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2581 | 4/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE28AC | 4/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE28C7 | 4/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE28D9 | 4/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2923 | 4/18/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BEE2C03 | 4/23/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2D54 | 4/23/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE24F8 | 5/9/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2C02 | 5/9/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2CF1 | 5/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2385 | 5/18/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3D6.15348025F1 | 5/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2910 | 5/25/2023 | Chinook |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BEE164D | 5/27/2023 | O. mykiss |
| Cougar Dam | PH 1 | 3DD.003BD21883 | 6/7/2023 | O. mykiss |
| Dexter Dam Tailrace | 5 ft | 3D6.1534831764 | 8/20/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9EB6 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841345 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B947A | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9435 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B99CA | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841717 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9EED | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483ED6C | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9D8A | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9D1C | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9997 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841333 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9FE2 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841340 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9B7E | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9D18 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.15348414F5 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EF53 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F116 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9B08 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EF58 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F149 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9928 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9D9A | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B8DE9 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483E CDC | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B99E1 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483E948 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EF0C | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483E8E9 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483ED02 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9FA0 | 8/30/2023 | Chinook |

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| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EF5A | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483E8C6 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F146 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841739 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153484157A | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B94F4 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4BA032 | 8/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B957E | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B8E9C | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EC9B | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EDB5 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F1D6 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483E970 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F275 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9F0D | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F316 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9756 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F329 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B95A7 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483E868 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EF91 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.15348415FA | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841604 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483E8BA | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9F6C | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EC6D | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9E29 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F0EC | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.15348415CD | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9127 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9D26 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841700 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EE34 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F2A0 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9499 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841796 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483E87F | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153484155B | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B908C | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9163 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841411 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9B27 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841232 | 8/31/2023 | Chinook |

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| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E9B94B2 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E9B9D32 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EDAE | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483E926 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EC33 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B99DB | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F246 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841757 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.15348415E0 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E439966 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.15348414FE | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9766 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B99BD | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B956E | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9FBB | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F315 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9E15 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EF17 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B933E | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B99EB | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483E8E1 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F13B | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F342 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EDC4 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B934C | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841597 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B90FA | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F294 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B8EA5 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483E8B5 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EDD8 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841510 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EC3E | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841424 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.15348417A7 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B978F | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9551 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9B66 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B94C3 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B991A | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F113 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EDD0 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841610 | 8/31/2023 | Chinook |

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| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F137 | 8/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483E954 | 9/1/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EA36 | 9/1/2023 | O. mykiss* |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EA8A | 9/2/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EC27 | 9/2/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9149 | 9/2/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483F0ED | 9/3/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.15348415BA | 9/5/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483EE51 | 9/5/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B931C | 9/6/2023 | Bull Trout* |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9F00 | 9/8/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9B01 | 9/9/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9764 | 9/11/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483ED46 | 9/12/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153483ECE8 | 9/12/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.153484177D | 9/15/2023 | Chinook |
| Dexter Dam Tailrace | 5 ft | 3DD.003E561672 | 9/28/2023 | Chinook |
| Big Cliff Dam | 8 ft | 3DD.003E4BB068 | 10/6/2023 | Chinook |
| Big Cliff Dam | 8 ft | 3DD.003E4B773D | 10/11/2023 | Chinook |
| Big Cliff Dam | 8 ft | 3DD.003E4B894D | 10/12/2023 | Chinook |
| Big Cliff Dam | 8 ft | 3DD.003E4B78FE | 10/12/2023 | Chinook |
| Cougar Dam | PH 1 | 3DD.003E4DDB1D | 10/8/2023 | Chinook |
| Cougar Dam | PH 1 | 3DD.003E50BB0F | 10/9/2023 | Chinook |
| Cougar Dam | PH 2 | 3DD.003E4FA3E7 | 10/8/2023 | Chinook |
| Cougar Dam | PH 2 | 3DD.003E4FA1C9 | 10/9/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE900 | 10/11/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9D3E | 10/13/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4B99F0 | 10/13/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56A03B | 10/13/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B840 | 10/13/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FAEF1 | 10/13/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9C51 | 10/13/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD761 | 10/14/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA55F | 10/14/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC469 | 10/14/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA584 | 10/14/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569943 | 10/14/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9D98 | 10/14/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C430 | 10/14/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB615 | 10/14/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DDB3C | 10/15/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB368 | 10/15/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA12D | 10/15/2023 | Chinook |

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| Cougar Dam Head of Reservoir | 5 ft | 3DD.003E4B9E1B | 10/1/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3D6.1534841583 | 10/6/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E50D416 | 10/2/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56DDDA | 10/3/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56B029 | 10/3/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E568E7A | 10/3/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E567C6E | 10/4/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56E51F | 10/4/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E4C2AAA | 10/9/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E568A43 | 10/9/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DD87E | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DDD3A | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9B58 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA7D0 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE79E | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569343 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E568EDE | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCBE3 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD3C5 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50CEB3 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569F6E | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569957 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9BE4 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC8EC | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9F90 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569C2C | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE223 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569DED | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5693EF | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE820 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE25B | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB9B7 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DDAB2 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB271 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C6C4 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC945 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E568EE6 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5698C4 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDA25 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE22D8 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DD7B1 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569B2A | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569696 | 10/18/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003E4FDF95 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE946 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA838 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE911 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE5E3 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB247 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BA9B | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BCB8 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569B12 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB701 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB6D8 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D2F4 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE5E4 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56A06E | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B421 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569A69 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD189 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DD9B7 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C4BD | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5691AE | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDEC1 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE2DA | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FAF1A | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569138 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBD7A | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE0D1 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBBFF | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CCA | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBF2D | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD795 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569B0A | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FADC3 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCD78 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569AB8 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FAFC8 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569F31 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE36D | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D8B6 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD43F | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDF64 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569D8E | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56A0A5 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE23D | 10/19/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003E4DE9C5 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCADB | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA1E5 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5693AC | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F98F6 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA426 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B7DA | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D4D9 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBB5F | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE5E6 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC7E5 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FADDB | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B6A5 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9E9B | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3D6.153483ECF3 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4B90F7 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5692AB | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B6F0 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE788 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB833 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC6AC | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9AAC | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBE48 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE838 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569543 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD897 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC74C | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE24EC | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2359 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FAEDC | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDC81 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F98DC | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56909F | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCA62 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCE51 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56989C | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FEA71 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56956A | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA97A | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DD7AF | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE37D | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDD8C | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCBCF | 10/20/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003E5692E7 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B98D | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE21D | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569E42 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2941 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE87F | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C29D | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BB86 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA6ED | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC5EF | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D248 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE7EC | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1D34 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E568FBB | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE81D | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DDD3E | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE8A3 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE58A | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5691FF | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FEA7D | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC7B4 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA27F | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA9DA | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE3F4 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56963C | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C034 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA17A | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCE06 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA715 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569615 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FAD6C | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC756 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FAFAB | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB973 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA339 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCABF | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FAEBD | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE200 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C1EF | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE2F0 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE28B | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9A03 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D4BE | 10/21/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003E4FDAB3 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBA98 | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9CA2 | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDB24 | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BF29 | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9D8F | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FEAEC | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C8A2 | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC4BD | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C196 | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA72A | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBE58 | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA771 | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE5DA | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E568F04 | 10/22/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA053 | 10/23/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBC34 | 10/23/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA7C1 | 10/23/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FAEE3 | 10/23/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FAFBA | 10/23/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBDCF | 10/23/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BFA6 | 10/23/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB017 | 10/24/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B286 | 10/24/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569356 | 10/24/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBAF1 | 10/24/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D669 | 10/24/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DDD8E | 10/24/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDDE5 | 10/24/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDC32 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50CB02 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE28DF | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BE15 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE6CC | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C8C1 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56980D | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD176 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B397 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3D6.153483EC16 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9B13 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCF09 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56A0A0 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBDED | 10/25/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003E569721 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE019 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2523 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569711 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BA75 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA0C1 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE625 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE2C3 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA151 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA335 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F998D | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD736 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBC54 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDACC | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DD829 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDDE0 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCD7A | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE36C | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE0E9 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2BF8 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE20F | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDFDE | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DD744 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE41A | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D8C4 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD519 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE28DA | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB4A8 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5691B7 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB237 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD71F | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC77F | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBDB3 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA6A0 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE237 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9FF0 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56948F | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FAAAD | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FEB0F | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB3E5 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BD1C | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE15C | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE7EE | 10/27/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003E56A113 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCBFA | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA4FE | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BED3 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE43F | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4B94E5 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C712 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB977 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3D6.153483F0A1 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB220 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BCC2 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE268 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDFEE | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD264 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE142 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE2959 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE7DA | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569BB6 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE8B1 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56A144 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DDECF | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE537 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA723 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE0FD | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569852 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C40E | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DD790 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B90A | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCB38 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9F0D | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE81C | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA249 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB9BE | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E568F41 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB8B1 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9DDC | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDB2F | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE0E7 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC561 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B662 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBCD8 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDD4F | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D0E5 | 10/29/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD22489 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB352 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE55A | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B963 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C2A1 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BE33 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC5E0 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9D7A | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCDE7 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56957B | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC644 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56999C | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE2A0 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCC9F | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56A21D | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FADD3 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DDEAC | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCD49 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5692B6 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DD7C9 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB285 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE562 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5691C2 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD FEE | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4B8EA2 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C1A1 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA539 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FADF3 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA83F | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE3EC | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA569 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD917 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56963D | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50CD15 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA057 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE361 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC733 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9D50 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD107 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C69A | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003DF514DC | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDA9E | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FAF13 | 10/30/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003E4DE57E | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5694B3 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9EC1 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE44D | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569304 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5691C0 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56A14E | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA226 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA911 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BC91 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA9EC | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA1D5 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA06E | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B69A | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56A1C6 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5698FA | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE7E3 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569D75 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCFF5 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDB07 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB5F6 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD4EB | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCCDB | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBA1F | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9E17 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D6C3 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569CEA | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56A0C8 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569C87 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C088 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569BDB | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9917 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D0F7 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9917 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B609 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DDDA8 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D060 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA516 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB881 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569C57 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA37A | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B9A6 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BDDF | 10/30/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003E4DE53E | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1D2C | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56A0A4 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE929 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA465 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DDD2D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE8E7 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5693B4 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E568FD7 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B88A | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDD89 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FAFE7 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FADE3 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BB4C | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC6CC | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9AFF | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B6F5 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC80D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FEAA0 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3D6.153483F272 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA004 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569139 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9DB8 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C366 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB84B | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD809 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C2B0 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCF36 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569C85 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE745 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56963A | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD6C7 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56969C | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50CB38 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB26E | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D86D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE5D7 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE412 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDED2 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C559 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B5B9 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56904E | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA7A8 | 10/31/2023 | Chinook |

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|------------|----|----------------|------------|---------|
| Cougar Dam | RO | 3DD.003E50BAA1 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDBA3 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F99CF | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB26 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD234 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50CD28 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569A50 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9C11 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9AE5 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB0FC | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB070 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569E86 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569273 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B452 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC8BF | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5697DF | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB600 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569980 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E568FFB | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5699C3 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E5698DA | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD7A7 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569B8C | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B200 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56945B | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB406 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD725 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B67D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB1C5 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA646 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCD9A | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C15A | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E56902C | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FC986 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDD8B | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D7CD | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE469 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DD953 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB49F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569487 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4F9EB8 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B8EF | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD317 | 10/31/2023 | Chinook |

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|------------|----|----------------|------------|---------|
| Cougar Dam | RO | 3DD.003E4DDF11 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50BBC1 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B3D1 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E568F0F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE159 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569D9A | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB489 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD389 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA4C7 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50CA46 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FCBD8 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA501 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C74A | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B4D1 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B6A4 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE2C4 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA717 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE144 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E569736 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDD8A | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE935 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C717 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA393 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FDF27 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA0C4 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C0A5 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FD74D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50B4FA | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22512 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C1D8 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50D6C7 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBAB2 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DDB64 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50CCF4 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DDE72 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FAA61 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C4E5 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DE623 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C694 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DD920 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB651 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DEA6F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50C2CB | 10/31/2023 | Chinook |

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|---|------|----------------|------------|------------|
| Cougar Dam | RO | 3DD.003E4DE571 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E50CB1E | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FB31C | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4DDD4F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FBE05 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FA0A2 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003E4FE3C7 | 10/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 132592385 | 10/16/2023 | Bull Trout |
| Cougar Dam Head of Reservoir | 5 ft | 132589914 | 10/17/2023 | Bull Trout |
| Dexter Dam Tailrace | 5 ft | 3DD.003E571152 | 10/19/2023 | Chinook |
| Dexter Dam Tailrace | 5 ft | 3DD.003E571279 | 10/22/2023 | Chinook |
| Dexter Dam Tailrace | 5 ft | 3DD.003E4C0718 | 10/31/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56DE1A | 10/16/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56C944 | 10/16/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E568796 | 10/16/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56C204 | 10/16/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56EFE3 | 10/16/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E57023C | 10/17/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E568D00 | 10/17/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56C682 | 10/23/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E566A5A | 10/23/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56DFBD | 10/23/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E568C4E | 10/23/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E50CC54 | 10/30/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56C507 | 10/30/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E4C396D | 10/30/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56C85B | 10/30/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56DED0 | 10/30/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56DD78 | 10/30/2023 | Chinook |
| Green Peter Tailrace - Middle Santiam River | 8 ft | 3DD.003E56AA77 | 10/30/2023 | Chinook |

*Confirmed predation on PIT tagged Chinook released by Cramer Fish Sciences

List of EAS PIT Tagged Fish for Reporting Period

| Site | Trap | PIT Tag | Date | Species |
|------------|------|----------------|------------|---------|
| Cougar Dam | RO | 3DD.003BEE1128 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D00 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10E0 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D08 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10E6 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CD9 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10E1 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1110 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CE1 | 10/16/2023 | Chinook |

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|------------|----|----------------|------------|---------|
| Cougar Dam | RO | 3DD.003BEE112C | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1135 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10E3 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CD8 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1134 | 10/16/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE112F | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1131 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10D8 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10E5 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1103 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1123 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10D5 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE111C | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE112A | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE110C | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10EA | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1137 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE112E | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1100 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1104 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10F1 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10FB | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1127 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE110E | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1125 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1121 | 10/17/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1136 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1119 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10FD | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1106 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE111A | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1107 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10F2 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE112D | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10FC | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10D9 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CDE | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CF8 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CFA | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D25 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D29 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D21 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D02 | 10/18/2023 | Chinook |

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|------------|----|----------------|------------|---------|
| Cougar Dam | RO | 3DD.003BD22D12 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D0D | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CF2 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CEE | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CD3 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D1A | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D13 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CCE | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CF7 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D1E | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D1B | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D22 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D01 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CCB | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CCD | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CFF | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CCA | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CFB | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CEB | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CF6 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CF5 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D03 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CF0 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D2B | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CCF | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CED | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CD4 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CD5 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CF9 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D06 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D17 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CE8 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D24 | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CCC | 10/18/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CE0 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CE6 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D26 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D10 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CE3 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CFC | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CDA | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CEA | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CFA | 10/19/2023 | Chinook |

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|------------|----|----------------|------------|---------|
| Cougar Dam | RO | 3DD.003BD22CDB | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D0A | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D27 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D23 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D1D | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CE5 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CDC | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D20 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CD1 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CE9 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D07 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CD7 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D09 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D0C | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D1C | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CFE | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CBF | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CD0 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CE2 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CF1 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CD2 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CDF | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D0B | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D11 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D14 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D28 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CC9 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CD6 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D1F | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D18 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CF3 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D2A | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CFD | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D15 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CDD | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D0E | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D19 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D2C | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CEC | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22D0F | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13AD | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13CB | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13EB | 10/19/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BEE13EA | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13E4 | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13AF | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13BD | 10/19/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13DF | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13A4 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13C2 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13D7 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1392 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13AA | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13AC | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13F3 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13C3 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13B4 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE139B | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39686 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39682 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3966F | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39679 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3967C | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39690 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39696 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13EF | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1397 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13D0 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE139D | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13DC | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13B3 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39683 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3969B | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39685 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39665 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39644 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39697 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3969A | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3966A | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39661 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3965F | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39657 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3969E | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39675 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39684 | 10/20/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3969D | 10/20/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BEE13BB | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13CF | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE139F | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13C5 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13CD | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13E1 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13C8 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13AE | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13C7 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13C1 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13E8 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13BE | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13E7 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13BC | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1398 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13E3 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13B2 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13AB | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13E3 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1395 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13A1 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13C6 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13B7 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1390 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE139A | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13D4 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13CE | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1399 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13B6 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13BF | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13E2 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13B9 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13E9 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13C0 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13D1 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13C9 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13CC | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13A8 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13A5 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13ED | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13D8 | 10/21/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13E6 | 10/24/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13EE | 10/24/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BEE13EC | 10/24/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13B5 | 10/24/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3964F | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3964A | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3968F | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39653 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39676 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39670 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39648 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3966D | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3966C | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39641 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13A3 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13E5 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13B0 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39646 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39678 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39692 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3966B | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3967D | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39691 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3967A | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39689 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39671 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3966E | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39699 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39673 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3969F | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39649 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3968A | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39652 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3968E | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD396A0 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3965B | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39677 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39663 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39680 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3965A | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3964B | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39666 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39651 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39667 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3965C | 10/25/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD3965E | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3964C | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39694 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39672 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13F0 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13DE | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13F2 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13F1 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1394 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13DD | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13A2 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13D5 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13A7 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13D6 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13DA | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13B1 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13D2 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE139C | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13D9 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1396 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE139E | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1391 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13A0 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13A9 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1393 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13E0 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13BA | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13DB | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE13A6 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39674 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39693 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3968C | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39695 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3968B | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39662 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39687 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3969C | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39645 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39642 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39640 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39656 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3967F | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39660 | 10/25/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD3968D | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39655 | 10/25/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3963E | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39658 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39650 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39669 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3967B | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39647 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39681 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39688 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3964D | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39668 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39664 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C92 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C7D | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C66 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C9E | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C6E | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C6A | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C8C | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C80 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C88 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CB2 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C9A | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CAA | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CB6 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CAF | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C86 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C93 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CB4 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C70 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C98 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CAD | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C6D | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CBD | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CAC | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CB1 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CB8 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CB3 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CC1 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CA4 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CAB | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C9C | 10/26/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD22CA7 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C8E | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CC8 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CA0 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C83 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CB7 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CB9 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CBC | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C81 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C9F | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C8F | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CB0 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C75 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CA6 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C99 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CAE | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3967E | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39654 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3965D | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3963F | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39698 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD396A1 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39659 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD39643 | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD3964E | 10/26/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C4F | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C36 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C47 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C27 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C02 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C3B | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C49 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C22 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C1E | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C4A | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C32 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C60 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C2A | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C29 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C53 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C46 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C61 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C77 | 10/27/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD22C96 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C85 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CBA | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CA8 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CC2 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CB5 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C94 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C89 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C91 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C9D | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C7F | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C6F | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CA9 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C76 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C78 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C71 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C73 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C65 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C8D | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C84 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C6C | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CBB | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C87 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C7B | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C6B | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C90 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C95 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CC3 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CA3 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C69 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C82 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CC6 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C72 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C9B | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CBE | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C8A | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CC0 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CA5 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CBF | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C97 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CA2 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CBB | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CC5 | 10/27/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD22CA1 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C74 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CC7 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22CC4 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C68 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C7E | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C7C | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C7A | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C67 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C64 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C17 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C56 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C3A | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C23 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C3C | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C4E | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C4C | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C5E | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C2D | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C63 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C0A | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C3F | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C09 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C08 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C0D | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C14 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C3D | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C37 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C2C | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C34 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C52 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C28 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C0B | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C13 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C5A | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C18 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C48 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C58 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C30 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C54 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C1F | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C10 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C51 | 10/27/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD22C44 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C12 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C4D | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C55 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C3E | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C2F | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C5B | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C35 | 10/27/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2244E | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2248A | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10D1 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10B3 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1077 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE108B | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1073 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10D2 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10CA | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1089 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10C4 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10BD | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10BF | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10AD | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10A2 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10C8 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10AE | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10B5 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1099 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE109C | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1084 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10A6 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22478 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22483 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2248E | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22472 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2247E | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2247A | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22431 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22448 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2246D | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2246A | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22462 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2244B | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22492 | 10/28/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD2247B | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22486 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22475 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22485 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22481 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22487 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22474 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22493 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22468 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C41 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C06 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C2E | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C20 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C40 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C43 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C45 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C62 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C0E | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C5D | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C19 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C31 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C57 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C39 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C07 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C01 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C4B | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C11 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C21 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C1A | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C0C | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C50 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C1D | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C38 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C1C | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C03 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C16 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C24 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C1B | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C15 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C33 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C59 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C04 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C5F | 10/28/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD22C05 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C42 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C25 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22C5C | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10AF | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10B2 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1098 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10CF | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1085 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22454 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22459 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22438 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22445 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2243F | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22460 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22441 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2245E | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2243A | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22482 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22464 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22490 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2246E | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2248C | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22494 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2248D | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22491 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22461 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22488 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22473 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22463 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22450 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22489 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22471 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22470 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22484 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22476 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22456 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2245A | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22439 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22480 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2247F | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2248B | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2247D | 10/28/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD22465 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2246F | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22466 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2245B | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2245D | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2246C | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22479 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22455 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22469 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2244A | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22449 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2244C | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2244F | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2245F | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22444 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22442 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22432 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22433 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22435 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22458 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22447 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2243D | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22451 | 10/28/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22443 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22437 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2243C | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2243E | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2243B | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22440 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2244D | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22453 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22434 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22446 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22452 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2245C | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22467 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2248F | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22477 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2246B | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22457 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2247C | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22436 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2252B | 10/29/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD2254E | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2253A | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD224FC | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22527 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22523 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2254F | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22547 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22543 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22546 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22548 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22549 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22554 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22542 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2254B | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE109A | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10A0 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE107D | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1082 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10B8 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10C2 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10C6 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10B9 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE108D | 10/29/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BEE10AB | 10/29/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BEE10B7 | 10/29/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1097 | 10/29/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BEE10CD | 10/29/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BEE10D3 | 10/29/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD2254D | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22519 | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD22517 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22524 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22533 | 10/30/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD22418 | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD223CE | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD2240F | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD2241D | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD22413 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0DD4 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0DD1 | 10/30/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD224FE | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22518 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22516 | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD2250C | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD22508 | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD22503 | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD224FD | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD22513 | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD22515 | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD22505 | 10/30/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD2251B | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BEE0A0B | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD2240C | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2242C | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22429 | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD22411 | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD2241E | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BD223E1 | 10/30/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BEE0DF0 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0DFF | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0DC6 | 10/30/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0DEE | 10/30/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BEE1141 | 10/31/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BEE1156 | 10/31/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BEE19D6 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A0F | 10/31/2023 | Chinook |
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| Cougar Dam | RO | 3DD.003BEE1181 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1198 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1138 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE116E | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE114C | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1186 | 10/31/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BEE114D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1143 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE114F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE117A | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1187 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE115F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE113D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE115B | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1161 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1154 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1162 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE113E | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1149 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1163 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE114B | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1159 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223DE | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223FB | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223E7 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223D5 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223E4 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22420 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2242F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223CF | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223F4 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223DA | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22404 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2241C | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223D8 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2240B | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223FE | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2240C | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223F9 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223DD | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223DB | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223EA | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223F1 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223E6 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223D0 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223D9 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223E3 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223E5 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223F3 | 10/31/2023 | Chinook |

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| Cougar Dam | RO | 3DD.003BD2242B | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22406 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD2242D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223DF | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD22405 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BD223FC | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1096 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE109F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10A4 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE10CE | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE107F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE107B | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1079 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1071 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1179 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1142 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE113C | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1182 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE115D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE118A | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE119B | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1184 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE116A | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1140 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1164 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1195 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE117B | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1148 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE113F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1151 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE113B | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE114A | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1090 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19F9 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19FC | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A11 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A15 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19DD | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A1E | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A32 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE118D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1147 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE116D | 10/31/2023 | Chinook |

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|------------|----|----------------|------------|---------|
| Cougar Dam | RO | 3DD.003BEE1172 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1158 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1177 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE118C | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE117C | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1160 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1165 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE117F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE117D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1145 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1194 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1171 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1192 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1150 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE114E | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE115E | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1175 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1197 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0A1F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE09D2 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0A2F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0DEA | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0E0D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0DEB | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE0E11 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A07 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19D8 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19ED | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A20 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19E2 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A01 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19E5 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19E0 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A1B | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A0C | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19FE | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19E7 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A26 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19F1 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19D4 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19F4 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A31 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A1C | 10/31/2023 | Chinook |

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|------------------------------|------|----------------|------------|---------|
| Cougar Dam | RO | 3DD.003BEE1A19 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A2E | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19FA | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A2C | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A0D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A2A | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A12 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19DC | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A34 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A17 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A1D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A14 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19D7 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A10 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A2B | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A35 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19EE | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19D3 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19DB | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19E1 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A04 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A27 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A08 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19F8 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19E4 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19FD | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19EC | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19E9 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A2D | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A08 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A09 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A29 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19EB | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A1A | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A1F | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19D5 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A18 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19E3 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A22 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE19DF | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A00 | 10/31/2023 | Chinook |
| Cougar Dam | RO | 3DD.003BEE1A25 | 10/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE111E | 10/17/2023 | Chinook |

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| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE10F5 | 10/17/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE1118 | 10/18/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BD22D04 | 10/19/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BD22CEF | 10/19/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BD22CE7 | 10/19/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BD22D16 | 10/20/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BD22D05 | 10/20/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE13B8 | 10/20/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE13C4 | 10/23/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE13CA | 10/24/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BD22C26 | 10/28/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BD22C0F | 10/28/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BD22C2B | 10/28/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE0DE5 | 10/29/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE0A20 | 10/29/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE0A21 | 10/29/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE0DCF | 10/29/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE0DDC | 10/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE0DE3 | 10/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE0DD5 | 10/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE0DD0 | 10/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE0DCC | 10/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BEE0DE7 | 10/30/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BD39798 | 10/31/2023 | Chinook |
| Cougar Dam Head of Reservoir | 5 ft | 3DD.003BD397A5 | 10/31/2023 | Chinook |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B9B | 10/17/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B84 | 10/17/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B96 | 10/17/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B87 | 10/17/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B94 | 10/17/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B97 | 10/17/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B88 | 10/17/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B53 | 10/17/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B66 | 10/17/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B4A | 10/18/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B80 | 10/18/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B71 | 10/18/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B6E | 10/18/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B45 | 10/18/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B81 | 10/25/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B62 | 10/26/2023 | Chinook |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B58 | 10/26/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B99 | 10/26/2023 | O. mykiss |

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| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B93 | 10/27/2023 | O. mykiss |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B8C | 10/27/2023 | Chinook |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B74 | 10/27/2023 | Chinook |
| Foster Dam Head of Reservoir- South Santiam River | 5 ft | 3DD.003BD22B67 | 10/28/2023 | O. mykiss |