Eurasian Milfoil Control Program Christina Lake, BC

Regional District of Kootenay Boundary

2025 Annual Report

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1. Acknowledgments

The Christina Lake Eurasian Milfoil Control Program could not exist without the continued support of the local community. Following a town hall meeting in 2011, at which the public agreed that the program needed expansion, and as a result, the budget was increased. The program strives to live up to the expectations of the local community. The program would also like to extend its gratitude to Grace McGregor, Area 'C' Director. Grace has been a staunch supporter of the Milfoil Control Program for many years and was instrumental in helping the program gain the additional funding necessary for increasing the size of the crew. The Control Program is very thankful to have the support of such a passionate leader of the community.

The Milfoil Program would also like to thank the Christina Lake Stewardship Society, who has been a continued supporter of the Program throughout these many years. We appreciate the many positive impacts that your members make around the lake every year and look forward to continuing our partnership for many years to come.

2. Introduction

Without the use of control methods, whether it be via harvester, benthic mat, or by diver, Eurasian Watermilfoil can dominate the littoral zone, creating large, dense mono-culture crops. If Eurasian Watermilfoil is given the time to spread and grow, it can have a large impact on the recreational uses of the lake, making swimming, boating, and angling much less appealing. This, in turn, can have a negative effect on the tourism industry. Additionally, dense surfacing milfoil patches can negatively affect waterfront property values as swimming and boating are hindered, aesthetic values are reduced, and decomposing plants in fall season begin to produce foul smelling gases. Large infestations can have detrimental consequences on the biodiversity of the aquatic plant life in the lake as the milfoil chokes out other species, which in turn can disrupt the natural ecology of the organisms that call it home. All of these factors make control of milfoil a top priority in Christina Lake.

The purpose of this document is to outline the activities completed in 2025 in relation to the control of Eurasian Watermilfoil in Christina Lake.

3. Background

Christina Lake is an unincorporated recreational area in the Boundary Country of the West Kootenay region of British Columbia, Canada. It forms Area 'C' of the Regional District of the Kootenay Boundary (RDKB). Christina Lake is home to approximately 1627 year-round residents (2021 Census, up 21% from 2016) with a large population influx during the summer, due to seasonal residents and visitors alike. The warm, clean, and clear water attracts people from around the province, country, and continent. Many businesses in the area depend on this influx of tourists and lake users for their sustainability.

The lake is relatively vast with a length of approximately 18.2km (north to south), a maximum width of 1.5km and an average width of 600m (east to west). The average depth of the lake is 36m with a maximum depth of 54m. Most of the shoreline contains a steep drop-off, translating into a small littoral zone, with the exception being the most southerly section of the lake where the littoral zone extends a few hundred meters from shore. The littoral zone is where aquatic plants receive sufficient light to grow. Most of the residential and resort properties are located towards the south end of the lake, while much of the north end falls within the boundaries of Gladstone Provincial Park, with some interspersed boat access residences.

Sometime during the mid- 1980s, Christina Lake acquired the invasive species Eurasian Watermilfoil, *Myriophyllum Spicatum*, an opportunistic aquatic plant that is not native to North America. It is thought to have been introduced to the eastern United States and eastern Canadian provinces during the 1940's, with it reaching Okanagan Lake in the 1970's. Due to a lack of knowledge, education, and awareness of the plant, the plant quickly reached many other lakes and streams in British Columbia, including Christina Lake. Eurasian Watermilfoil is now found across most of North America and is recognized as a noxious weed.

3-meter tall milfoil plants

It is not known for sure how the plant made it into Christina Lake, however, it is speculated that it came as a plant fragment, attached to a boat, which was transported from an infested lake. A single viable fragment could have started off the colonization, as Eurasian Watermilfoil's most abundant and successful reproductive strategy is largely by a vegetative, fragmentation means. The primary means of reproduction is via flowering and seeding, where the stem extends past the surface of the water by approximately 10cm, producing small opposing pink blooms, followed by a single small (<0.5mm) seed being produced per flower site. Flowering and pollination occur in late summer. If left undisturbed, these seeded areas are observed to give rise to monoculture, high density milfoil patches. A rooted milfoil plant will grow until it reaches a certain maturity, along with favorable conditions, where its stem then breaks off 5-to-10cm long fragments that floats within the water column to new areas. Once a fragment sinks and settles it can then grow its own roots and begin another life cycle.

In optimal temperatures, such as those exhibited in summertime waters, milfoil can grow up to 30cm per week. It can grow at a broad range of temperatures and depths and can root itself in nearly all of Christina Lakes' bottom compositions, from loose silts, sands and rocks to hard clay. Even bottom barriers placed in the lake to mitigate the rooting of milfoil is susceptible to the plants' ability to overcome and adapt, with milfoil plants seen sprouting from fabric and smooth plastic barriers alike. Plants have been seen growing at a maximum depth of 10m, with those at <3m depth being able to reach the surface. With the combination of surfacing plants and a large influx of lake users during the summer months, the milfoil problem becomes exacerbated as more fragments are produced. This allows the plant to further spread its influence and begin to compete with native aquatic species of the lake for territory, where it usually wins out.

The Regional District of Kootenay Boundary has recognized the threat this plant poses to this important water resource. Beginning in 1987, the RDKB employed a team of SCUBA divers to selectively target and control the Eurasian Watermilfoil in Christina Lake. The method of control utilized by the divers is manual hand removal of the plants, with best efforts made to remove all the roots, just as one does in one's own garden.

In the 1980's and 1990's, Eurasian Watermilfoil control was a priority of the Ministry of Environment on a Provincial level. However, since then, funding from the Provincial government for milfoil control programs has vanished, leaving the burden solely on local funding. Since 1999, the Christina Lake Milfoil Control Program has been paid for by increasing the taxation rate for milfoil control to the taxpayers of Electoral Area 'C'. In 2011, the budget for milfoil control was $154,017, of which the local taxpayers of Christina Lake paid 100%.

After the 2011 control season ended, a requisition was put in by Electoral Area 'C' Director Grace McGregor to increase the funding for the Control Program, with hopes of doubling the crew of divers on the lake, thus raising the level of control over the encroaching plant beds, as ground was being lost with the current program. Also, the implementation of biological control using the American Water Weevil was to be investigated. This funding was granted, and the total budget for the program rose from $154,017 in 2011, to $288,655 in 2012.

The 2025 property tax requisition was $332,119. Surplus funds from 2024 carried over as well as planned use of reserve funds resulted in a total 2025 budget of $424,454. The budget was designed to allow for the hiring of seven commercial divers split into two crews, seven days a week for a minimum of 20 weeks. Despite efforts made to fill all available positions with full-time crew members, the Milfoil Control Program was able to accommodate 5 full-time crew members for the duration of the contract, 1 full-time casual crew member for 12 weeks, 2 part-time casual crew members for the full contract and beyond, plus one more additional part-time casual diver that only had 4 days of availability. The dive crew had a presence on the water 5 days per week at these staffing levels. As such the program had budget monies to extend the control season through the end of October.

4. Factors Contributing to the Growth and Spread of Eurasian Watermilfoil

Christina Lake, known as the "warmest tree-lined lake in Canada", is not only popular to the people that use it for recreational enjoyment, but also very much enjoyed by the aquatic plants that inhabit it, including Eurasian Watermilfoil. This is due to both natural environmental and human factors that make for a favorable habitat for the reproduction and growth of the species.

Natural environmental factors affecting the growth and spread of Eurasian Watermilfoil in the lake include temperature, turbidity, nutrient levels, wind, and spawning fish. Temperature is a very substantial contributor to the problem. Milfoil can grow over a broad range of temperatures (15°C – 35°C); however, its life cycle becomes drastically shorter as the water temperature approaches the higher range. In Christina Lake, with the effects of climate change, this translates into an approximate five month growing season as water temperatures reach 15°C by late May, peak around 26°C in July and drop back below 15°C mid-October. The historical growing season was approximately four months at temperatures ≥15°C with maximum temperatures being attained in August. Additionally, the low turbidity levels (i.e., clear water) in Christina Lake allows for light to penetrate well below the surface, enabling plants to grow in depths up to 10m. The great majority of plants are found to be shallower than 4m due to a thermocline at this depth, where temperature drops below its ideal range for milfoil growth, and where the thermocline layer creates a distinct drop in sunlight transmission. This affects the south end of the lake the most since there is less of a drop-off along the shoreline and therefore increased area for plants to spread to and grow. Christina Lake is nutrient-rich in many areas, receiving heavy run-off from the surrounding mountains during the freshet, which aids in plant growth. This run-off water enters through dozens of tributaries, with water being pushed through a single outflow at the south end of the lake, allowing silt to settle and accumulate, with the greatest accumulation evident in the most problematic areas. This creates a soft, nutrient rich substrate where aquatic plants can thrive. Also, this natural flow of water tends to bring many buoyant milfoil fragments with it, creating new plants wherever the plants sink and root. Wind also contributes to the spread of Eurasian Watermilfoil as it produces large waves at times that will carry fragments in whichever direction it blows. These waves, if forceful enough, can be a cause of fragmentation of viable plants that are near the surface. Lastly, it has been directly observed by divers that during late spring, invasive Carp will actively tear up large swaths of aquatic plants, milfoil notwithstanding, down to the bottom substrate, to prepare nests to lay eggs and spawn. These large clumps of floating plant matter have been observed drifting near the south end of the

lake, adjacent to the Nature Park.

Human activity also largely contributes to the spread and growth of milfoil in Christina Lake. These factors include increased plant fragmentation due to boating and various water activities, human-made obstructions to the flow of water, and nutrient/sediment loading along the shoreline. Firstly, a major source of fragments, every year, can be attributed to unaware boaters. An engine propeller easily chops surfacing milfoil stems into many fragments, which are then free to float and eventually sink to a new location somewhere on the lake floor. Secondly, floating obstructions, such as docks, moored boats, boat lifts, rock walls, swim markers etc., can inhibit the surface flow of water, preventing fragments from having the chance to wash up on shore, where their life would end. Instead, the fragments get trapped, sink and re-root into the ground where their life cycle continues. The control crew routinely finds new and recurrent Eurasian watermilfoil infestations forming beside or directly beneath these obstructions. Thirdly, the spread and growth can be enhanced due to nutrient/sediment loading caused by new construction, outdated septic systems, and fertilizers/detergents. New roadways, construction and excavation can lead to soil erosion, which has the potential to bring more sediments down to the lake by changing run-off patterns. Updated RDKB bylaws as of mid-2023 have increased construction setback minimums for streams and lakes, which should help mitigate any possible construction run-off. Any work that is performed in and about a stream must require either notification or approval by the BC Water Sustainability Act depending on the type of work to be performed. Outdated septic systems can also raise biological nutrients in the water if they are able to leach out. At the 2008 Christina Lake Watershed Management Plan Annual Review meeting, it was revealed that over 30% of the phosphorous in Christina Lake could be attributed to septic seepage, but again this is not a definite sole cause. Phosphates can also come from fertilizers and detergents leading to production of algae blooms in addition to increased aquatic plant growth. Of note, many, if not all, resorts have mandated a strict "No Phosphorous" detergent policy within their property to mitigate artificial nutrient loading in the lake.

Many aspects, both natural and human-made, in Christina Lake contribute to the ongoing issue of Eurasian Watermilfoil. Human contributions could be reduced through conscious efforts, while those contributed by nature are out of our control.

5. 2025 Christina Lake Milfoil Control Program

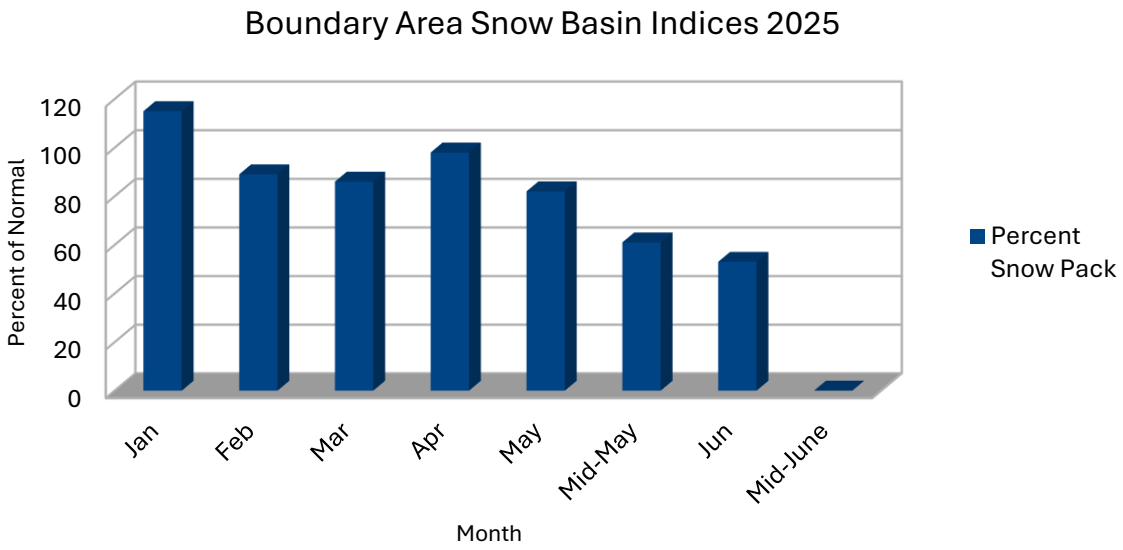
2025 marked the 39th consecutive year the RDKB contracted a team of SCUBA divers to selectively target and control the Eurasian Watermilfoil in Christina Lake. A crew of 9 SCUBA divers were contracted, with 5 divers completing the full contract term, with all available divers agreeing to continue work past the 20-week contract end.

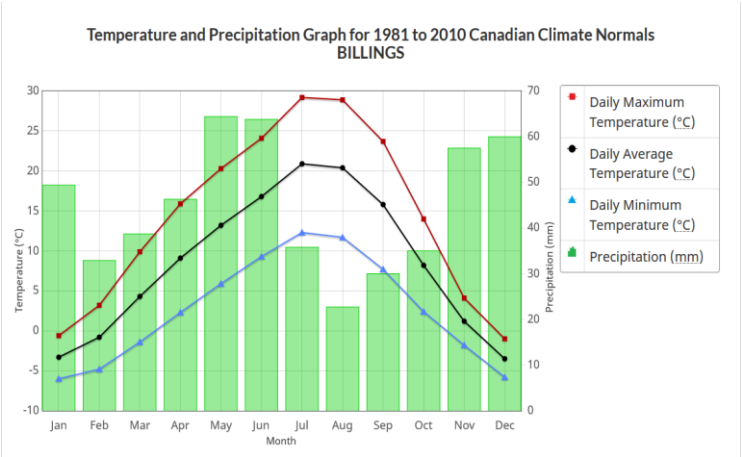
The program extended past its expected September 20th end date, with 26 weeks of active milfoil control. The final milfoil control day was October 29, 2025.

5.1. Weather Patterns

2025 weather patterns that affected Christina Lake and local areas were a more average winter, a bit wetter in spring, some hot, dry summer days, and a more seasonal fall than in the previous year. Winter 2025 began with above average snow pack tapering to slightly below average as winter progressed, a gradual warming in spring leading to a drier, mostly normal summer temperatures with scattered extreme temperature days throughout, and autumn weather that was closer to average temperatures but below average precipitation in the first few weeks, thereafter the rains returned to above seasonal in October, all of which affected the progression of heating and cooling events in Christina Lake and the surrounding terrestrial areas.

Winter 2024/2025 delivered above-average snowfall conditions in the Boundary for Dec/Jan, with less amounts through spring; accumulations arrived early, with maximum snowpack levels reaching 115% of normal measured on January 1, and subsequent diminishments as winter progressed through spring and summer. Low snow (53% of normal) accumulations at mountain top elevations on June 1, and no snow (0% of normal) at the final measurement on June 15 lead to low stream flows during the freshet.





January brought slightly above average daily high temperatures and average lows and below average snowfall. February experienced below average temperatures, with a cold snap mid-month bringing overnight lows close to -20°C. An eventual warming trend came about at the end of February, along with mixed precipitation bringing monthly totals above average. Spring 2025 delivered below-average precipitation to the area. The combination of low snowpack and lower precipitation prevented any high-stream advisories, and as such there was an accelerated lake warming trend.

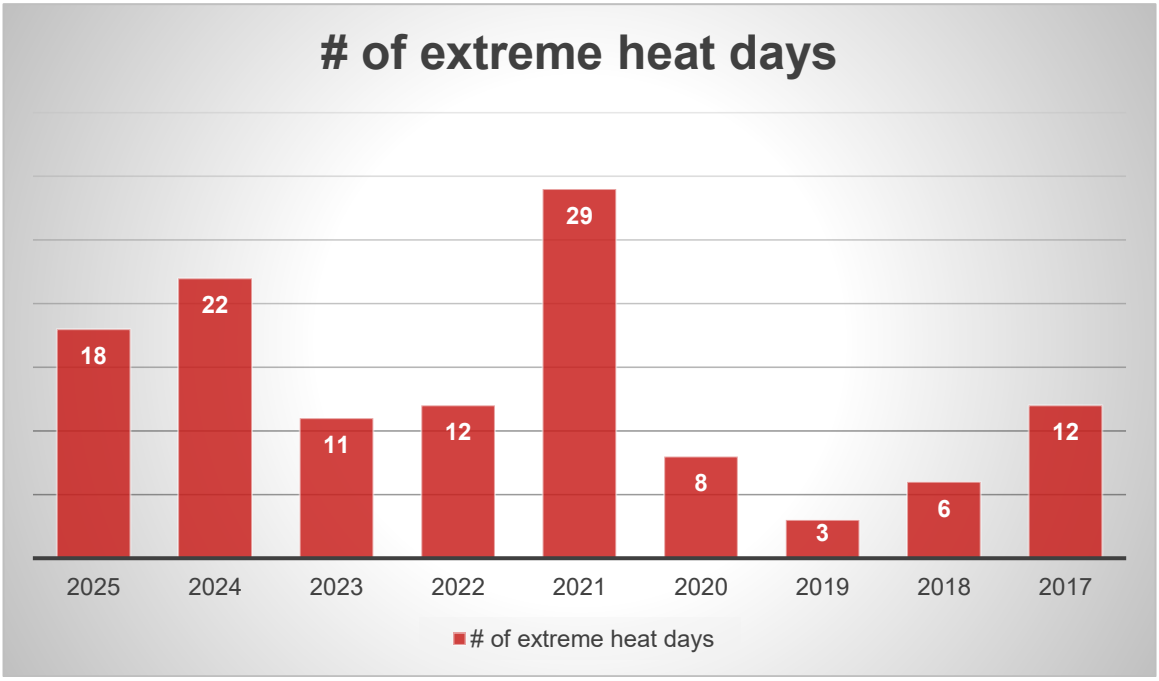
Slightly below-average rainfall was seen throughout the spring and early summer, with an abrupt drop in precipitation in June through mid-September. Sporadic short term heat waves were seen throughout the summer months, with some waves delivering ≥35°C temperatures. August rains lead to a warm and dry September, and finally a much more seasonally wet October, with average temperatures. Wildfire smoke in the area was limited, and as such, the area had only a handful of days affected by a light haze.

Water temperature trends for the 2025 milfoil control season began at a chilly 8°C. 2024/2025 winter temperature was regionally near-average, with the lake partially freezing over briefly. Alpine snowpack in the Boundary region was below average throughout most of the winter, and as spring progressed to summer solstice, snow melt rates accelerated, and snow basins were rapidly depleted throughout the region and all of BC.

Pollen drifting around Christina Lake

Water temperatures for the 2025 season began their yearly increase post-freshet, with temperatures reaching typical 26°C by mid-July and stayed at these seasonal temperatures throughout summer. Upon fall Equinox, the lake temperature began its regular descent as single-digit overnight temperatures sapped heat away from the lake.

The area recorded 18 days of extreme heat (35°C and above) this year. Extreme heat events for prior years were as follows: 22 days in 2024, with eleven days of extreme heat in 2023. 2022 had twelve days of extreme heat, 2021 had twenty-nine days, 2020 had eight days, 2019 had three days, 2018 had six, and 2017 had twelve days. See chart below



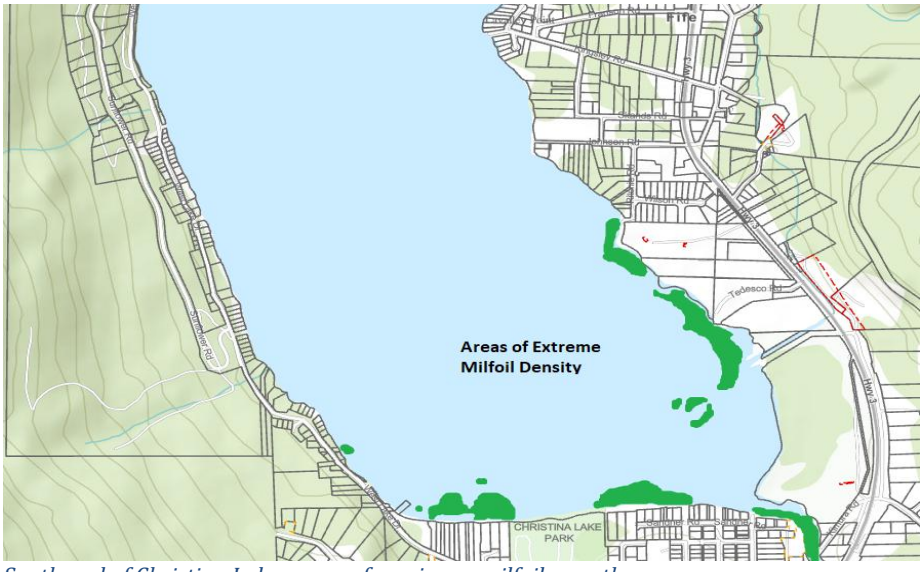
Summer heat remained slightly above average through to fall equinox, where-after, temperatures dropped to more seasonally expected fall digits, delivering more frequent cool days but lacking seasonal precipitation. Mid-October delivered much-welcomed precipitation, cooler days and nights, with visible morning dew evaporation on the lake surface all contributing to the eventual water temperature decline, and as the diving season ended on October 29, the temperature of the water had dropped to a seasonally normal 10°C.

5.2. Work Plan Implementation

The 2025 Milfoil Control season began on May 5th, with the initial plan to have one crew of three divers and a second crew of four divers. Each crew would work 4 days per week with an overlapping day on Wednesday, having diving activities occur 7-days per week. This year, the program was able to run with 5 full-time divers, one full time/on-call and 3 part-time/on-call divers, working 5 days per week, with three overlap days, to complete the season. The 3-day overlap of crews was used to maximize impact to areas of extreme milfoil concentration.

A typical season would have the crews complete 2 laps of the lake, covering all 603 Site Locations that are identified for the program. However, over the last few control seasons, factors in the lake have changed where the dive crews have seen an uptick in plant quantities at each site treated. Every site seems to take approximately double the amount of time to treat compared to pre-2021. For 2025, the program moved away from attempting to treat every site location on the lake twice, to adopting a focused control approach on areas of intense milfoil growth and only treating site locations that are identified as private shorelines. With this updated approach, the dive crew was able to tackle critical areas of high milfoil concentrations.

This approach excluded any treatments at Christina Lake Public Beach, Texas Creek Campgrounds, boat-access camping sites belonging to Gladstone Provincial Park, and any stretches of shoreline also adjacent to Gladstone Provincial Park. This approach excluded vast lengths of shoreline on both east and west shores from Texas Creek northwards, about half the length of the lake. The work plan was modified to include a single-lap treatment of the lake, with emphasis on treating every private shoreline site location, and forgoing stretches of non-residential shoreline. A large portion of time was spent in the deep south end of the lake, with the program focusing efforts on areas with high levels of milfoil.



South-end of Christina Lake, areas of maximum milfoil growth

The single circuit of the lake was completed by the end of October. Areas of extreme milfoil growth along the far south end of the lake were the primary focus of treatments, from Site #155 through to Site #200 inclusive. These sites accounted for 43% of all dive days (48 of 111 days), including benthic mat placement and inspections, buoy install and removal days, and a day of maintenance with Christina Lake Waterworks.

At the North end of Christina Lake, the North Bay Lagoon continued to show a drastic reduction of visible milfoil plants during of the annual installation of the "No Boats" buoys in late June. In previous years the continuous band of milfoil plants intermingled with native Water shield and other subsurface plants. It was noted that most of the aquatic plants were NOT milfoil, and the milfoil was not as predominant in this location. No control treatments were applied to the Lagoon, with only a short survey of the area completed

during the day of buoy installation.

In this season Christina Creek and its five associated Site Locations received a few days of control treatments. The time window for treating the sites along Christina Creek is both limited by outflow current during the first half of the control season, and boat traffic throughout the whole season, as there are a handful of docks with regular boat use further downstream from our current endpoint of control area. The shoreline downstream of the small public beach at the mouth of Christina Creek (Creek #3) had large quantities of watermilfoil plants, especially at the leading edge of the site locations' docks. The shallow depth across the entire creek, old mill logs, and natural obstructions promote shore-to-shore growth of milfoil and other native and introduced species along the creek. This, plus the boat traffic up and down the creek, presents a challenge for current methods of active control.

Diver manually harvesting Milfoil

2025 marked year three of a pilot project of a passive means of invasive aquatic plant control by the installation of Floating Benthic Mats. For year three, the pilot expanded coverage to include more private landowners and resorts that were identified as having extreme levels of milfoil. For details of the project, please refer to Appendix 3.

Overwintered mat assessment in April 2025, mats removed in July 2025 and redeployed

Milfoil mats deployed in June 2025 at Milfoil Control Site: Year 3

5.3. Site Specific Information

The beginning of the 2025 control season resumed at site #413, the start of the 37 sites in the northwest

shore that were not treated in 2024. The amount of milfoil that had grown since 2023 treatments made these site locations a seven-day affair through the first 3 weeks of May, while also beginning treatments at our regular starting location of Schulli's boat launch and docks (#155). Once the 37 sites and Schulli's resort was complete, the crew jumped to west shore at site #262 (Spooner Creek), across from LaValley Point, and headed south through to Site #200. Nearly every site along this south-west shore had increased plant counts, making the stretch of shoreline take longer than anticipated. Switching back to the east shore and southeast shore, the crews began an earlier treatment of the major resorts (Lakeside, Willow, Sands), along with starting treatments for the stretch of properties east of the public beach (sites #161 through #176). On days that required a refueling of the dive vessel "Foiled Again", the crews would take advantage the Marina (site #1) location as a start-point for treating nearby stretches of shoreline. Sites #1 through #63 took merely a day, as this stretch is mostly gravel, with a steep drop-off close to the shoreline. Crews also made their way north from Schulli's (#156/155) along this southeast stretch, finding many sites with increased plant counts, and treating the smaller resorts of Kingsley's (#133), Skands (#138), both taking themselves multiple days of treatment.

Treatments in the major areas of milfoil infestation occurred throughout the entire 26 weeks of the control season, on days where there were a maximum number of crew members, to exert maximum pressure on these areas of extreme milfoil growth. This occurred approximately 3 days per week. Interspersed with these days, when the dive vessel needed fuel, and when a crew size of 3 or 4 members were on board, the crew would treat the more northerly sites on both east as west shores. For the most part, with a full complement of divers on board, the crews were able to remove hundreds of thousands of milfoil plants from sites where extreme milfoil densities are encountered, removing multiple truckloads of daily materials at each of these locations.

Native water marigold surrounding native watershield

Crews would slowly crawl up both east and west shore heading northwards, encountering higher milfoil growth, skipping over non-residential shorelines along Gladstone Provincial Park, and by end of October, the entire shore was complete.

During regular milfoil control, the crews were also tasked with the removal of overwintered benthic mats, re-installation of benthic mats along Christina Creek, inside the Nature Park "No Boating" zone, and at new locations with extreme levels of milfoil. Mats were removed from overwinter in-water control zones from sites #160B/#170/#180 and distributed to Christina Creek and Sands Resort. Additional mats were deployed to new sites (Lakeside resort #158), site #178, and an adjacent site in the Nature Park for controlling Fragrant Waterlily. A total of 44 mats were deployed amongst all sites. The new locations' target of control is milfoil. For details on this pilot project, refer to Appendix 3.

The recurring theme of this control season was as follows; each site location had more milfoil to control than previous years, and more milfoil dictated more time spent, which again slowed down progress from site to site, which allowed longer time for the milfoil to grow, slowing down progress again, creating increases at every iteration in a positive feedback loop.

Despite only being able to complete one treatment of the lake, the overall number of plants removed for the 2025 season was in line with previous seasons, albeit less than the exceptional 2024 seasons' count. The

reason for the slightly lower plant count compared to 2024 is due to the expanding use of benthic mats at sites where the crew would normally remove tens of thousands of plants with dozens of truckloads of milfoil removed from these areas. Plant count tallies over the years are listed below.

Detailed data can be found in Appendix 2 - Site Locations Christina Lake, which summarizes the plant data collected from each of the 603 sites (with previous years data included as reference) and compares previous plant level categories (LOW, MED, HIGH) per site, established during the 2011 control season. A ny site that is missing data was a site that was not treated, as per updated work plan for 2025. Site numbers and corresponding locations can be observed on the five Christina Lake Maps (Appendix 1) (originals courtesy of sharphooks.com).

5.4. 2025 Work Plan Summary and Conclusions

The 2025 milfoil control season was challenging due to changing environmental aquatic growth levels, which lead to the implementation of a modified work plan where selective treatment applications were conducted in areas of concern. In general, slightly increasing plant densities were recorded in comparison to previous years. For 2025, priority was given to high-use areas in the south end, including both private and resort sites, which coincides with most areas with high concentrations of milfoil. Some areas that had once been large homogeneous patches of milfoil have now been colonized by native species restoring them to pre-milfoil states, as observed during the 2014 survey. At the end of the 2025 control season, despite the program being limited to a single treatment lap of the lake, most of the lake is at the edge of control in terms of milfoil. Challenging areas in need of constant control treatments would be the sites along Christina Creek, with its shore-to-shore milfoil growth, the east shore resorts, and the expanse of shallow water sites along the far south shoreline. Alternative control options outside of diver and benthic mats have ongoing discussions with the local community and multiple levels of government.

The RDKB continued with its Benthic Mat pilot project targeting invasive Fragrant Waterlily with the use of floating lake bottom barriers. Year two of the program began targeting milfoil as well as lily, and for year three of the pilot project, the RDKB expanded its coverage of mats to selected residential and resort shorelines that have prevalent monocultures of milfoil, all in the south end of the lake. Original sites in Christina Creek, along the shore adjacent to the Nature Park, and a second small island of lilies in the No-Boating area of the Nature Park, were again treated for Waterlily. These benthic mats will serve a dual purpose, both controlling milfoil populations and controlling the growth of the invasive Fragrant Waterlily. More details of this project can be found in Appendix 3 of this report.

Dive boat "Foiled Again" with a load of mats for deployment: year 3

No observational data was recorded at any of the provincial campsites due to the change in work plan based on funding origins; Starchuck, Rocky Beach, Axel Johnson, Treadmill Creek, Parsons Creek, Ole Johnson, to name a few. Should the program be in a position to return to the 2-lap-total-shoreline-treatment plan of the past, we will once again assess and control these important beaches, as these can be a source of plant fragmentation and spread since these campgrounds are boat access only.

The south end of the lake from Schulli's Resort #155 to Site #200 (about 3km of shoreline) will remain a challenging area. This section of shoreline contains most of the milfoil plants in the lake for reasons including the highest levels of boat traffic, large docks and mooring structures, which can trap milfoil fragments, an enlarged littoral zone due to shallower depths at given distances from shore, lake bottom composition, and the flow of water which is directed towards Christina Creek, the sole outflow of the lake. Additionally, Sutherland Creeks' tributary flow into the lake seems to create large-scale eddy swirls, which tend to draw floating surface and sub-surface milfoil fragments and deposit them along the resort area shorelines just north of Sutherland Creeks' confluence. All of these make the south end an optimal habitat for the propagation and growth of Eurasian Watermilfoil.

Annual Plant Count Summary Table:

2025 plant count	2024 Plant Count	2023 Plant Count	2022 Plant Count	2021 Plant Count	2020 Plant Count	2019 Plant Count	2018 Plant Count	2017 Plant Count	2016 Plant Count	2015 Plant Count
693,063	**866,926**	**673,371**	**646,398**	**703,847**	**453,181**	**535,135**	**590,612**	**529,343**	**321,385**	**400,030**

Crewmember contemplating the upcoming milfoil removal dive

In conclusion, the Eurasia Watermilfoil concern in Christina Lake, varies from "under control" through to "out of control" depending on location; for much of the shoreline, it can be considered "under control". For certain critical areas of the lake, namely the far south end and some south-east shore, can be considered "edge of control to uncontrollable with current methods of treatment." With diver-only treatments in this area, the level of control has decreased over the last five seasons, despite more dive hours being allocated to this vast area. With the introduction and use of benthic barriers as passive means of milfoil control, and the expansion of the initial pilot program, the milfoil control program is confident that it can turn the tides of control on these areas, bringing the level of milfoil back from the brink of explosive proliferation to a manageable level. Goals of the 2026 season will be to survey and remove milfoil plants at all sites along shorelines adjacent to private properties, foregoing crown shorelines. High plant density areas will continue to be treated, with efforts made to reduce the negative impacts that milfoil has on the lake. A continuation of a two-crew milfoil control dive program will allow for further advancements to be made, with the goal of

restoring most of the shoreline to an acceptable state.

6. 2025 Christina Lake Eurasian Milfoil Budget Summary

The 2025 annual budget for the Christina Lake Eurasian Milfoil Control Program was set at $424,454 funded by the Property Tax Requisition, use of reserves and 2024 surplus carryover. All previous capital purchases, from the dive vessel and trailer to the crew truck, have been assigned repayments based on each item's repayment schedule.

As stated previously, the local taxpayers of Christina Lake provide 100% of the program funding, as provincial grant money was discontinued in 1999.

Projections indicate that 2025 final expenditure will be approximately $352,640. The final financial statements will be available in February 2026, and these numbers will be utilized in the continuation of the five-year financial plan for the program.

7. 2026 Milfoil Control Program Work Plan

With the budget for the Christina Lake Eurasian Milfoil Control Program set to remain at similar levels, the RDKB will look to hire 7 divers to carry out the milfoil removal for the 2026 season. The dive crew will make efforts to control the milfoil populations throughout the lake and Christina Creek. With the goal of limiting the spread of Eurasian Watermilfoil, and to clear out areas of the littoral zones. This will allow the native plants to repopulate in the absence of milfoil. The full complement of 7 divers will allow treatments to occur every day of the week for over 20 weeks. The dive vessel "Foiled Again!" will help the dive crew attain a level of control capacity, benefiting both the lake and its users.

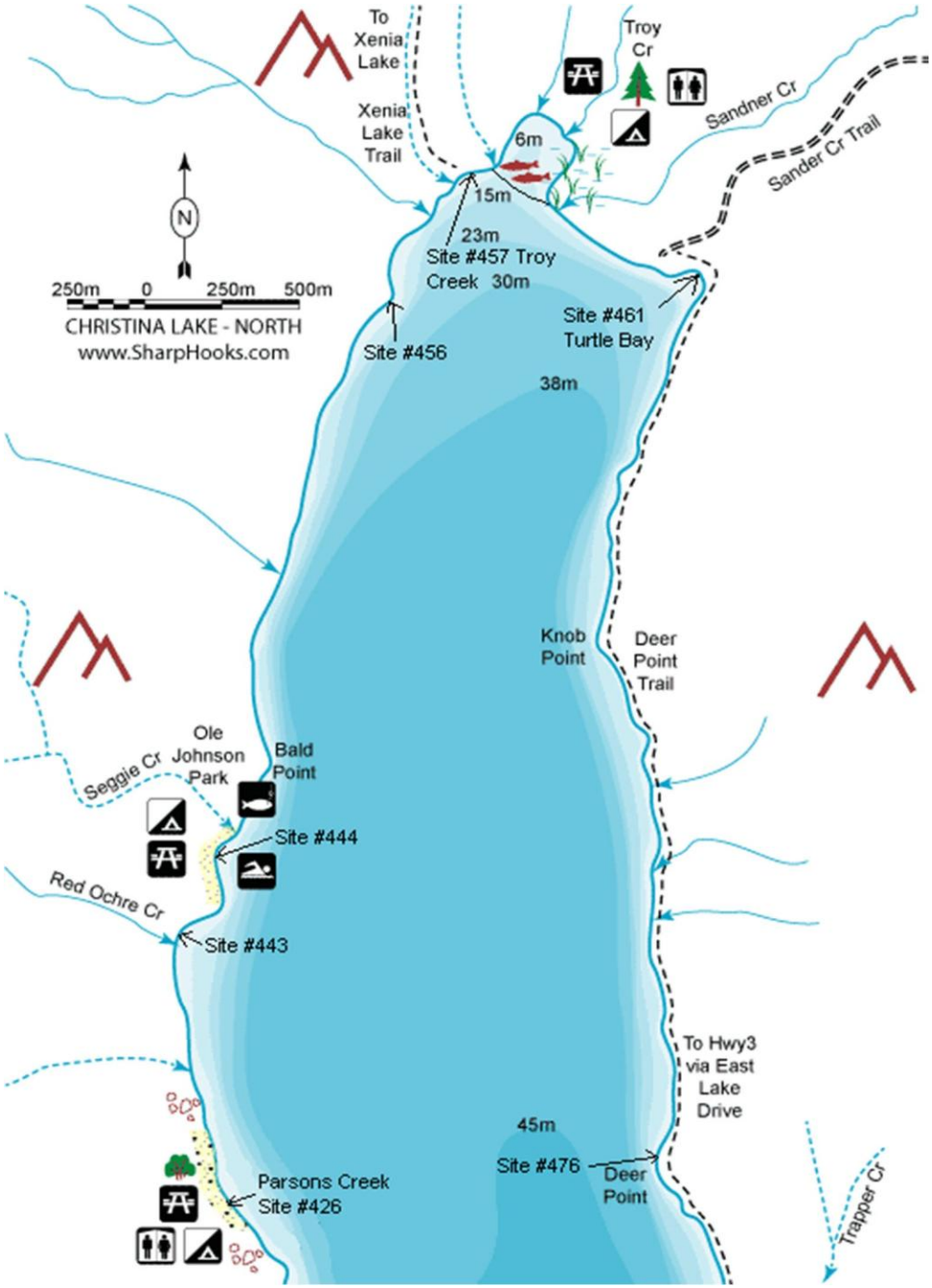
2026 control treatments will begin in May during the spring freshet and will terminate around the end of September. It is the current understanding that core divers of the 2025 season will be returning for the 2026 season.

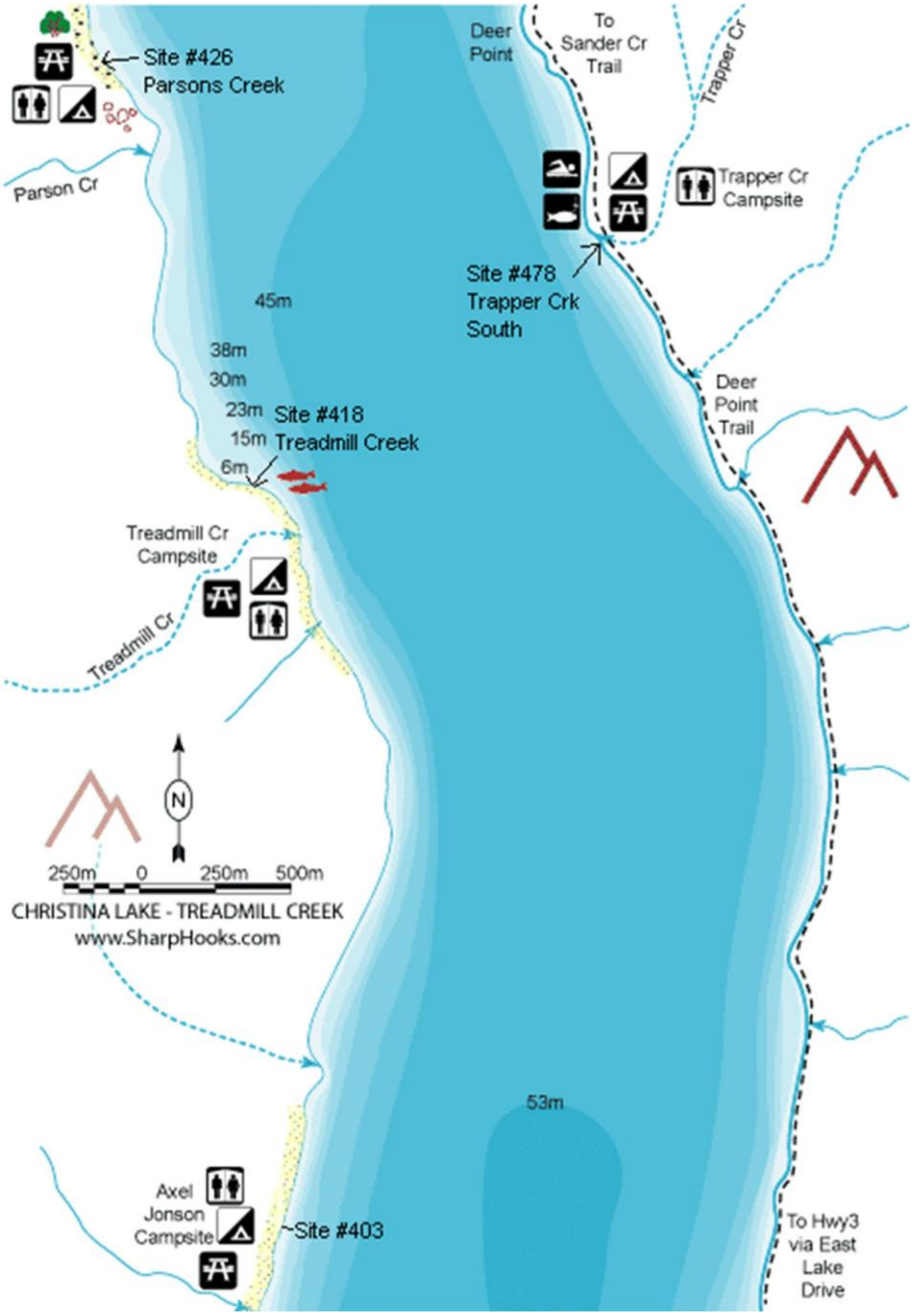
The 2026 work plan will follow the same methodology used in previous years, where the Dive Crew will start at the south end of the lake while the boat traffic is minimal. The crew will then move systematically North along the East and West shorelines of Christina Lake. Early-season control is critical in maintaining shoreline pace which will allow the Dive crew to stymie the encroaching plant beds, and halt future growth of the invasive species.

A concerted effort to push back deep-rooted plant beds in the southern sites will translate into thinner and fewer dense plant beds in future years and will also decrease the spread from fragmentation to other areas. In addition to the current milfoil control method, the RDKB will continue with the benthic mat program as an accessory means to control invasive species in Christina Lake, and possibly other means of control to add to the control toolbox.

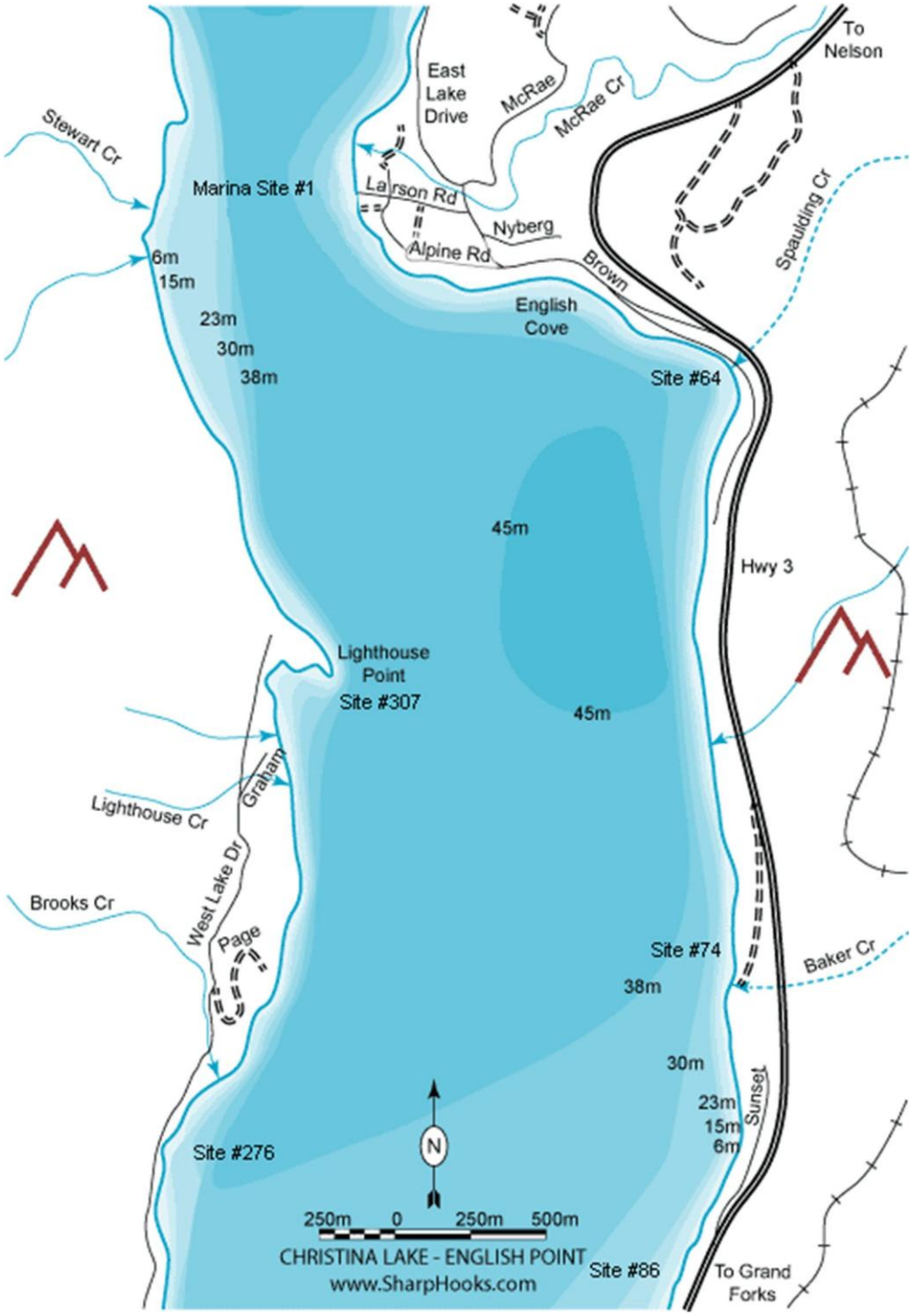
Dive vessel returning with a load of Milfoil, for disposal

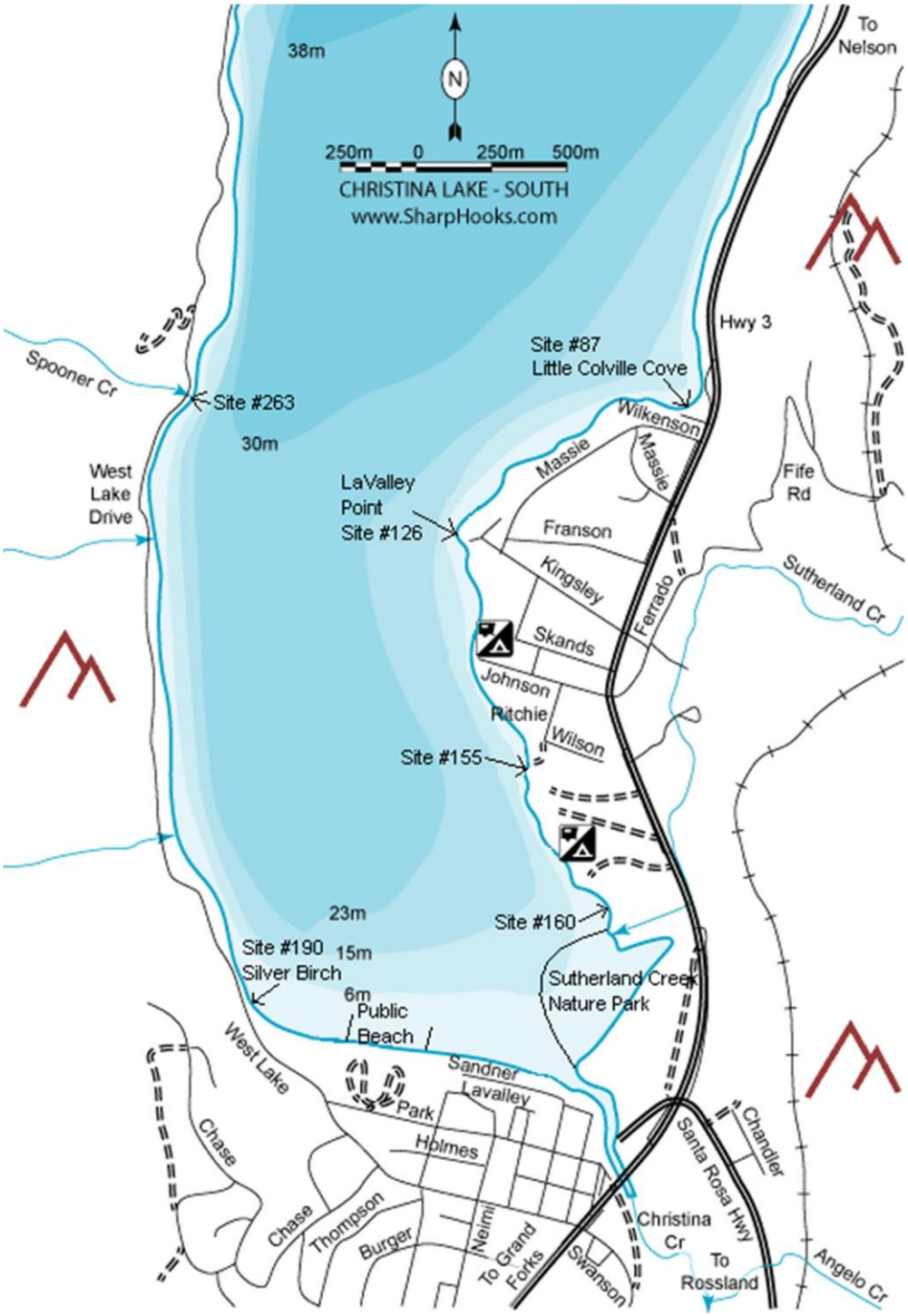
8. Appendix 1- Christina Lake Site Maps




Site #426
Parsons Creek
Parson Cr
Deer Point
To Sander Cr Trail
Trapper Cr
Trapper Cr Campsite
Site #478
Trapper Crk South
45m
38m
30m
23m
15m
6m
Site #418
Treadmill Creek
Deer Point Trail
Treadmill Cr Campsite
Treadmill Cr
N
250m 0 250m 500m
CHRISTINA LAKE - TREADMILL CREEK
www.SharpHooks.com
53m
Axel Jonson Campsite
Site #403
To Hwy3 via East Lake Drive


Axel Jonson Campsite
Site #403 Axel Johnson
53m
45m
38m
30m
23m
15m
6m
To Sander Cr Trail
Deer Point Trail
Texas Cr Campground
10m
23m
Site #505 Boat Launch
Texas Cr
Biner
Starchuk Beach Campsite
Site #381
Site #510 Texas Creek
White
Site #530
East Lake Dr
Gill Cr
N
250m 0 250m 500m
CHRISTINA LAKE - TEXAS POINT
www.SharpHooks.com
45m
Site #573
McRae
McRae Cr
To Grand Forks
Hwy 3
Site #1 Marina
Stewart Cr


To Nelson
East Lake Drive
McRae
McRae Cr
Stewart Cr
Marina Site #1
Larson Rd
Nyberg
Alpine Rd
Brown
Spaulding Cr
6m
15m
23m
30m
38m
English Cove
Site #64
45m
Hwy 3
Lighthouse Point
Site #307
45m
Graham
Lighthouse Cr
West Lake Dr
Brooks Cr
Page
Site #74
Baker Cr
38m
30m
23m
15m
6m
Sunset
Site #276
N
250m 0 250m 500m
CHRISTINA LAKE - ENGLISH POINT
www.SharpHooks.com
Site #86
To Grand Forks


38m
N
250m 0 250m 500m
CHRISTINA LAKE - SOUTH
www.SharpHooks.com
To Nelson
Hwy 3
Site #87
Little Colville Cove
Wilkenson
Massie
Massie
Fife Rd
Spooner Cr
Site #263
30m
West Lake Drive
LaValley Point Site #126
Franson
Kingsley
Ferrado
Sutherland Cr
Skands
Johnson
Ritchie
Wilson
Site #155
23m
Site #160
Site #190
Silver Birch
15m
6m
Public Beach
Sutherland Creek Nature Park
West Lake
Sandner
Lavalley
Park
Holmes
Chase
Chase
Thompson
Burger
Neimi
To Grand Forks
Swanson
Santa Rosa Hwy
Chandler
Christina Cr
To Rossland
Angelo Cr

9. Appendix 2 - Site Locations Christina Lake

Site	Landmark or Feature	GPS	2015 Rating	2025 Plants	2024 Plants	2023 Plants	2022 Plants	2021 Plants	2020 Plants	2019 Plants	YTD Change	2023 Levels	2024 Levels	2025 Levels
1	Marina	49° 06.1110 N 118° 14.4920 W	MOD	793	1490	1200	600	350	1840	70	-697	LOW	MOD	MOD
2		49° 06.0950 N 118° 14.4410 W	LOW	8	15	0	0	0	0	2	-7	LOW	LOW	LOW
3		49° 06.0720 N 118° 14.4370 W	LOW	0	0	0	5	0	0	0	0	LOW	LOW	LOW
4		49° 06.0570 N 118° 14.3950 W	LOW	2	1	0	0	0	0	0	1	LOW	LOW	LOW
5		49° 06.0600 N 118° 14.3500 W	LOW	0	0	0	0	1	0	0	0	LOW	LOW	LOW
6		49° 06.0420 N 118° 14.3420 W	LOW	0	0	0	0	2	0	0	0	LOW	LOW	LOW
7		49° 06.0260 N 118° 14.2430 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
8	Sunflower Inn B+B	49° 06.0070 N 118° 14.2430 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
9		49° 06.0040 N 118° 14.2030 W	LOW	0	0	0	0	2	0	0	0	LOW	LOW	LOW
10		49° 06.0100 N 118° 14.1880 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
11		49° 06.0100 N 118° 14.1600 W	LOW	0	0	0	0	2	0	0	0	LOW	LOW	LOW
12		49° 06.0110 N 118° 14.1510 W	LOW	0	0	0	0	3	0	0	0	LOW	LOW	LOW
13		49° 06.0120 N 118° 14.1460 W	LOW	0	17	0	0	0	0	0	-17	LOW	LOW	LOW
14		49° 06.0080 N 118° 14.1240 W	LOW	0	0	0	0	2	0	0	0	LOW	LOW	LOW
15		49° 06.0010 N 118° 14.1030 W	LOW	0	0	0	0	1	0	0	0	LOW	LOW	LOW
16		49° 05.9970 N 118° 14.0830 W	LOW	0	0	0	0	3	0	0	0	LOW	LOW	LOW
17		49° 05.9960 N 118° 14.0680 W	LOW	0	0	8	0	25	0	0	0	LOW	LOW	LOW
18		49° 05.9980 N 118° 14.0460 W	LOW	0	1	0	0	1	0	1	-1	LOW	LOW	LOW
19		49° 05.9990 N 118° 14.0230 W	LOW	0	0	0	0	1	0	0	0	LOW	LOW	LOW
20		49° 06.0010 N 118° 14.0110 W	LOW	0	0	0	0	1	0	0	0	LOW	LOW	LOW
21		49° 06.0080 N 118° 13.9890 W	LOW	0	0	0	0	1	0	0	0	LOW	LOW	LOW
22		49° 06.0220 N 118° 13.9730 W	LOW	0	0	0	0	5	0	0	0	LOW	LOW	LOW
23		49° 06.0320 N 118° 13.9530 W	LOW	6	0	0	0	1	0	0	6	LOW	LOW	LOW
24		49° 06.0360 N 118° 13.9390 W	LOW	0	0	0	0	3	0	0	0	LOW	LOW	LOW
25		49° 06.0430 N 118° 13.9220 W	LOW	16	0	0	0	0	0	0	16	LOW	LOW	LOW
26		49° 06.0470 N 118° 13.9080 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
27		49° 06.0550 N 118° 13.8890 W	LOW	0	0	0	0	4	0	0	0	LOW	LOW	LOW
28		49° 06.0600 N 118° 13.8730 W	LOW	0	0	0	0	3	0	0	0	LOW	LOW	LOW
29		49° 06.0640 N 118° 13.8590 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
30		49° 06.0640 N 118° 13.8500 W	LOW	0	0	0	0	2	0	0	0	LOW	LOW	LOW
31		49° 06.0670 N 118° 13.8330 W	LOW	0	0	0	0	1	0	0	0	LOW	LOW	LOW
32		49° 06.0660 N 118° 13.8220 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
33		49° 06.0650 N 118° 13.8050 W	LOW	0	1	0	0	1	0	0	-1	LOW	LOW	LOW
34		49° 06.0680 N 118° 13.7860 W	LOW	0	0	0	0	2	4	0	0	LOW	LOW	LOW
34A	Public Access	49° 06.0630 N 118° 13.7370 W		0	0	0	0	1	0	0	0	LOW	LOW	LOW
35		49° 06.0580 N 118° 13.7120 W	LOW	0	0	0	0	9	0	0	0	LOW	LOW	LOW
36		49° 06.0450 N 118° 13.6900 W	LOW	2	0	0	0	1	0	0	2	LOW	LOW	LOW
37		49° 06.0390 N 118° 13.6680 W	LOW	0	0	0	0	8	3	0	0	LOW	LOW	LOW
38		49° 06.0340 N 118° 13.6580 W	LOW	0	5	0	0	2	9	3	-5	LOW	LOW	LOW

39		49° 06.0290 N 118° 13.6380 W	LOW	0	0	0	0	5	2	0	0	LOW	LOW	LOW
40		49° 06.0220 N 118° 13.6160 W	LOW	0	0	0	0	1	2	0	0	LOW	LOW	LOW
41		49° 06.0190 N 118° 13.6040 W	LOW	0	0	0	0	5	0	0	0	LOW	LOW	LOW
42		49° 06.0120 N 118° 13.5900 W	LOW	0	0	0	0	11	0	0	0	LOW	LOW	LOW
43		49° 06.0110 N 118° 13.5720 W	LOW	0	0	7	0	4	2	0	0	LOW	LOW	LOW
44		49° 06.0080 N 118° 13.5630 W	LOW	0	0	2	0	5	2	0	0	LOW	LOW	LOW
45		49° 06.0070 N 118° 13.5500 W	LOW	0	6	0	0	4	0	0	-6	LOW	LOW	LOW
46		49° 06.0050 N 118° 13.5390 W	LOW	1	0	0	0	0	0	0	1	LOW	LOW	LOW
47		49° 06.0050 N 118° 13.5250 W	LOW	0	0	1	0	5	0	0	0	LOW	LOW	LOW
48		49° 06.0030 N 118° 13.5120 W	LOW	0	0	0	0	1	0	0	0	LOW	LOW	LOW
49		49° 06.0000 N 118° 13.4930 W	LOW	0	0	0	0	4	0	0	0	LOW	LOW	LOW
50		49° 05.9980 N 118° 13.4840 W	LOW	0	0	35	0	2	0	0	0	LOW	LOW	LOW
51		49° 05.9960 N 118° 13.4760 W	LOW	1	0	2	2	1	1	0	1	LOW	LOW	LOW
52		49° 05.9940 N 118° 13.4580 W	LOW	0	0	0	5	0	0	0	0	LOW	LOW	LOW
53		49° 05.9950 N 118° 13.4500 W	LOW	3	5	0	0	7	1	0	-2	LOW	LOW	LOW
54		49° 05.9930 N 118° 13.4230 W	LOW	0	0	4	0	0	0	0	0	LOW	LOW	LOW
55		49° 05.9920 N 118° 13.4080 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
56		49° 05.9880 N 118° 13.3950 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
57		49° 05.9860 N 118° 13.3860 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
58		49° 05.9850 N 118° 13.3680 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
59		49° 05.9810 N 118° 13.3550 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
60		49° 05.9740 N 118° 13.3420 W	LOW	0	0	5	0	0	0	0	0	LOW	LOW	LOW
61		49° 05.9660 N 118° 13.3200 W	LOW	0	5	0	0	0	3	0	-5	LOW	LOW	LOW
62		49° 05.9610 N 118° 13.2970 W	LOW	0	0	2	6	0	0	0	0	LOW	LOW	LOW
63		49° 05.9560 N 118° 13.2820 W	LOW	1950	350	0	4	7	0	10	1600	LOW	LOW	MOD
64	English Cove (Spaulding Creek)	49° 05.9120 N 118° 13.2750 W	MOD	17300	3174	100	117	182	70	55	14126	LOW	MOD	HIGH
65		49° 05.8930 N 118° 13.2870 W	LOW	4500	509	40	21	5	67	34	3991	LOW	LOW	MOD
66		49° 05.8570 N 118° 13.3040 W	LOW	25	0	0	0	13	16	14	25	LOW	LOW	LOW
66A		49° 05.8180 N 118° 13.3000 W		4200	640	50	13	104	155	11	3560	LOW	LOW	MOD
67		49° 05.7750 N 118° 13.2980 W	LOW	1	0	20	0	0	0	0	1	LOW	LOW	LOW
68		49° 05.7460 N 118° 13.2760 W	LOW	2	73	100	0	0	0	0	-71	LOW	LOW	LOW
68A		49° 05.6320 N 118° 13.2550 W			177	100	77	5	9	0	-177	LOW	LOW	
68B		49° 05.4180 N 118° 13.1760 W			6	0	3	5	1	0	-6	LOW	LOW	
69		49° 05.2620 N 118° 13.0790 W	LOW	0	0	0	0	2	0	0	0	LOW	LOW	LOW
70		49° 05.2010 N 118° 13.0600 W	LOW	0	0	1	0	0	0	0	0	LOW	LOW	LOW
71		49° 05.1220 N 118° 12.9810 W	LOW	0	0	0	0	38	1	0	0	LOW	LOW	LOW
72		49° 05.1000 N 118° 12.9750 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
73		49° 05.0530 N 118° 12.9500 W	LOW	0	0	0	0	0	0	15	0	LOW	LOW	LOW
73A		49° 04.9970 N 118° 12.8980 W			0	10	0	0	0	35	0	LOW	LOW	
74	Baker Creek	49° 04.8900 N 118° 12.9050 W	LOW	0	0	0	0	0	10	75	0	LOW	LOW	LOW
74A		49° 04.7930 N 118° 12.8420 W			1660	0	0	16	446	162	-1660	LOW	MOD	
75		49° 04.7480 N 118° 12.8150 W	LOW	30	97	0	0	2	9	1	-67	LOW	LOW	LOW
76		49° 04.7330 N 118° 12.8060 W	LOW	3450	1800	0	0	0	11	9	1650	LOW	MOD	MOD
77		49° 04.7080 N 118° 12.7910 W	LOW	0	0	0	0	0	0	2	0	LOW	LOW	LOW

78		49° 04.6760 N 118° 12.7810 W	LOW	25	30	0	0	15	0	5	-5	LOW	LOW	LOW
79		49° 04.6440 N 118° 12.7640 W	LOW	5	173	0	29	12	60	1	-168	LOW	LOW	LOW
80		49° 04.6250 N 118° 12.7610 W	LOW	0	16	0	0	0	0	0	-16	LOW	LOW	LOW
81		49° 04.6050 N 118° 12.7600 W	LOW	0	0	0	2	0	1	4	0	LOW	LOW	LOW
82		49° 04.5700 N 118° 12.7630 W	LOW	0	0	0	0	0	0	1	0	LOW	LOW	LOW
83		49° 04.5520 N 118° 12.7770 W	LOW	0	11	0	4	10	4	2	-11	LOW	LOW	LOW
84		49° 04.5030 N 118° 12.8040 W	LOW	0	23	0	3	12	0	2	-23	LOW	LOW	LOW
85		49° 04.4710 N 118° 12.8080 W	LOW	45	0	0	0	0	0	0	45	LOW	LOW	LOW
86	Highway Shoreline	49° 04.0200 N 118° 12.8450 W	LOW		3908	0	1280	62	190	205	-3908	MOD	MOD	
87	East end of Little Colville Cove	49° 03.8980 N 118° 12.7700 W	LOW	5	85	9	605	5	0	10	-80	LOW	LOW	LOW
88		49° 03.8950 N 118° 12.7800 W	LOW	15	0	0	81	5	0	0	15	LOW	LOW	LOW
89		49° 03.8900 N 118° 12.7920 W	LOW	5	0	0	33	0	0	0	5	LOW	LOW	LOW
90		49° 03.8860 N 118° 12.8010 W	LOW	70	0	5	18	3	0	0	70	LOW	LOW	LOW
91		49° 03.8840 N 118° 12.8160 W	LOW	30	55	18	17	1	0	0	-25	LOW	LOW	LOW
92		49° 03.8820 N 118° 12.8270 W	LOW	5	45	0	0	0	5	2	-40	LOW	LOW	LOW
93		49° 03.8750 N 118° 12.8490 W	LOW	32	13	9	15	3	0	0	19	LOW	LOW	LOW
94		49° 03.8750 N 118° 12.8600 W	LOW	4	25	0	6	1	0	1	-21	LOW	LOW	LOW
95		49° 03.8770 N 118° 12.8830 W	LOW	22	10	0	0	3	3	0	12	LOW	LOW	LOW
96		49° 03.8790 N 118° 12.9020 W	LOW	0	3	0	0	0	0	1	-3	LOW	LOW	LOW
97		49° 03.8780 N 118° 12.9310 W	LOW	35	4	0	0	0	0	1	31	LOW	LOW	LOW
98		49° 03.8800 N 118° 12.9590 W	LOW	0	0	5	1	0	33	1	0	LOW	LOW	LOW
99		49° 03.8700 N 118° 12.9910 W	LOW	7	5	0	0	0	2	3	2	LOW	LOW	LOW
100		49° 03.8640 N 118° 13.0410 W	LOW	50	12	0	3	0	0	10	38	LOW	LOW	LOW
101		49° 03.8230 N 118° 13.0580 W	LOW	0	10	20	0	0	0	5	-10	LOW	LOW	LOW
102		49° 03.8140 N 118° 13.0640 W	LOW	50	9	0	6	0	0	0	41	LOW	LOW	LOW
103		49° 03.7960 N 118° 13.0650 W	LOW	5200	705	0	66	2	3	1	4495	LOW	LOW	MOD
104		49° 03.7870 N 118° 13.0820 W	LOW	2740	17	0	0	1	10	60	2723	LOW	LOW	MOD
105		49° 03.7820 N 118° 13.0990 W	LOW	500	11	16	23	0	1	2	489	LOW	LOW	LOW
106		49° 03.7740 N 118° 13.1160 W	LOW	1600	320	37	149	3	57	3	1280	LOW	LOW	LOW
107		49° 03.7400 N 118° 13.1420 W	LOW	2970	145	0	55	40	8	51	2825	LOW	LOW	MOD
108		49° 03.7390 N 118° 13.1590 W	LOW	2	72	0	47	10	11	0	-70	LOW	LOW	LOW
109		49° 03.7290 N 118° 13.1740 W	LOW	0	5	1	0	1	0	0	-5	LOW	LOW	LOW
110		49° 03.7260 N 118° 13.1180 W	LOW	0	0	0	0	1	0	0	0	LOW	LOW	LOW
110A		49° 03.7110 N 118° 13.1980 W		0	0	0	0	3	0	0	0	LOW	LOW	LOW
111		49° 03.7120 N 118° 13.2200 W	LOW	0	0	0	0	1	0	0	0	LOW	LOW	LOW
112		49° 03.7040 N 118° 13.2330 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
113		49° 03.6940 N 118° 13.2470 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
114		49° 03.6810 N 118° 13.2610 W	LOW	50	30	0	4	2	12	0	20	LOW	LOW	LOW
115		49° 03.6450 N 118° 13.2620 W	LOW	136	85	0	3	12	0	0	51	LOW	LOW	LOW
116		49° 03.6350 N 118° 13.2650 W	LOW	22	42	0	1	3	1	6	-20	LOW	LOW	LOW
117		49° 03.6260 N 118° 13.2680 W	LOW	6	0	0	0	4	15	12	6	LOW	LOW	LOW
118		49° 03.6100 N 118° 13.2780 W	LOW	0	0	0	0	2	0	0	0	LOW	LOW	LOW
119		49° 03.6000 N 118° 13.2900 W	LOW	3	1	3	0	5	0	0	2	LOW	LOW	LOW
120		49° 03.5930 N 118° 13.2980 W	LOW	2	2	0	7	4	8	9	0	LOW	LOW	LOW

121		49° 03.5840 N 118° 13.3150 W	LOW	0	0	0	0	0	0	6	0	LOW	LOW	LOW
122		49° 03.5570 N 118° 13.3300 W	LOW	0	3	0	0	0	4	0	-3	LOW	LOW	LOW
123		49° 03.5640 N 118° 13.3410 W	LOW	55	0	0	11	15	3	0	55	LOW	LOW	LOW
124		49° 03.5550 N 118° 13.3460 W	LOW	463	75	40	35	32	55	3	388	LOW	LOW	LOW
125		49° 03.5410 N 118° 13.3430 W	LOW	370	70	3	181	28	2	2	300	LOW	LOW	LOW
126	LaValley Point Beach	49° 03.5290 N 118° 13.3390 W	LOW	0	0	0	0	0	5	0	0	LOW	LOW	LOW
127		49° 03.5200 N 118° 13.3290 W	LOW	635	0	85	79	6	4	3	635	LOW	LOW	LOW
128		49° 03.5150 N 118° 13.3110 W	LOW	405	30	20	80	2	10	2	375	LOW	LOW	LOW
129		49° 03.5020 N 118° 13.3070 W	LOW	70	0	0	8	2	10	8	70	LOW	LOW	LOW
130		49° 03.4910 N 118° 13.3060 W	LOW	30	0	0	3	15	0	0	30	LOW	LOW	LOW
131		49° 03.4800 N 118° 13.2980 W	LOW	30	0	0	320	0	4	26	30	LOW	LOW	LOW
132		49° 03.4630 N 118° 13.2900 W	MOD	100	0	0	44	0	0	25	100	LOW	LOW	LOW
133	Kinglsley's Resort	49° 03.4470 N 118° 13.2730 W	MOD	6600	4200	4680	3	315	420	225	2400	LOW	MOD	MOD
134		49° 03.4340 N 118° 13.2420 W	MOD	5400	2350	180	0	400	516	350	3050	LOW	MOD	MOD
135		49° 03.4180 N 118° 13.2280 W	LOW	600	263	248	0	80	130	60	337	LOW	LOW	LOW
136		49° 03.4040 N 118° 13.2330 W	LOW	0	10	50	0	7	40	62	-10	LOW	LOW	LOW
137		49° 03.3820 N 118° 13.2310 W	LOW	0	10	40	0	20	45	37	-10	LOW	LOW	LOW
138	Skands Resort	49° 03.3620 N 118° 13.2400 W	MOD	12600	7241	4560	197	426	497	157	5359	MOD	MOD	MOD
139		49° 03.3220 N 118° 13.2320 W	MOD	310	20	25	42	46	5	0	290	LOW	LOW	LOW
140		49° 03.3110 N 118° 13.2180 W	MOD	130	2	10	0	3	0	0	128	LOW	LOW	LOW
141		49° 03.2880 N 118° 13.1790 W	MOD	600	650	1900	33	275	0	34	-50	MOD	MOD	MOD
142		49° 03.2820 N 118° 13.1650 W	MOD	3630	900	110	560	17	241	71	2730	LOW	MOD	MOD
143		49° 03.2620 N 118° 13.1230 W	LOW	0	320	85	30	218	45	0	-320	LOW	LOW	LOW
144		49° 03.2590 N 118° 13.1100 W	LOW	0	452	11	11	33	35	5	-452	LOW	LOW	LOW
145		49° 03.2500 N 118° 13.0940 W	LOW	25	451	0	39	7	2	26	-426	LOW	LOW	LOW
146		49° 03.2460 N 118° 13.0890 W	LOW	180	151	17	45	5	0	11	29	LOW	LOW	LOW
147		49° 03.2340 N 118° 13.0740 W	LOW	265	3050	105	41	89	5	39	-2785	LOW	MOD	LOW
148		49° 03.2290 N 118° 13.0650 W	LOW	590	70	2	0	16	52	20	520	LOW	LOW	LOW
149		49° 03.2200 N 118° 13.0390 W	MOD	930	3800	635	283	190	121	94	-2870	LOW	MOD	LOW
150		49° 03.2110 N 118° 13.0300 W	MOD	800	1580	219	156	200	39	206	-780	MOD	MOD	MOD
151		49° 03.2020 N 118° 13.0170 W	MOD	1840	2220	400	200	108	69	386	-380	MOD	MOD	MOD
152		49° 03.1980 N 118° 13.0120 W	MOD	2400	3750	1950	41	138	102	597	-1350	MOD	MOD	MOD
153		49° 03.1850 N 118° 13.0000 W	MOD	1200	2250	700	350	121	340	278	-1050	MOD	MOD	MOD
154	Ritchie Rd Public Beach	49° 03.1710 N 118° 12.9980 W	MOD	1800	6000	3040	1022	1100	950	690	-4200	MOD	HIGH	MOD
155	Schulli's Resort Swim Area	49° 03.1550 N 118° 13.0170 W	HIGH	19800	19200	8400	10800	5400	4662	9025	600	MOD	HIGH	HIGH
156	Schulli's Dock and Boat Launch	49° 03.1050 N 118° 12.9920 W	HIGH	14400	35400	1800	16800	5400	8400	7985	-21000	MOD	HIGH	HIGH
157	Lakeside Resort, North Docks	49° 03.0640 N 118° 12.9480 W	HIGH		6600	4200	7200	8150	1800	3600	-6600	MOD	HIGH	HIGH
158	Lakeside Resort, Swim Area	49° 03.0250 N 118° 12.8350 W	HIGH	19500	42900	4200	54600	57000	32700	40800	-23400	HIGH	HIGH	HIGH
158A	Lakeside Resort South Docks	49° 02.9830 N 118° 12.7560 W	HIGH	4200	16200	16500	21300	18000	13200	14400	-12000	HIGH	HIGH	HIGH
159	Willow Beach resort	49° 02.9660 N 118° 12.7580 W	HIGH	32100	36600	31800	28500	13200	9600	10200	-4500	HIGH	HIGH	HIGH
160	Sands resort	49° 02.9460 N 118° 12.7350 W	HIGH	84300	116400	81000	79800	67200	72300	54000	-32100	HIGH	HIGH	HIGH
160A	Sutherland Creek Mouth	49° 02.8590 N 118° 12.6770 W	HIGH			0	0	7200	33600	58200	0	HIGH	HIGH	
160B	Nature Park	49° 02.7920 N 118° 12.7520 W	HIGH			0	9900	45000	34200	32400	0	HIGH	HIGH	
161		49° 02.6400 N 118° 12.6820 W	LOW	310	660	300	66	105	15	430	-350	LOW	MOD	LOW

162		49° 02.6430 N 118° 12.6950 W	LOW	185	1862	930	98	300	71	211	-1677	LOW	MOD	LOW
163		49° 02.6450 N 118° 12.7130 W	LOW	216	1800	1369	36	638	52	490	-1584	LOW	MOD	LOW
164		49° 02.6530 N 118° 12.7360 W	LOW	652	3000	850	102	900	115	406	-2348	LOW	MOD	LOW
165		49° 02.6550 N 118° 12.7550 W	LOW	450	2100	800	750	1500	50	422	-1650	MOD	MOD	LOW
166		49° 02.6560 N 118° 12.7670 W	MOD	315	1800	1200	1800	650	65	355	-1485	MOD	MOD	LOW
167		49° 02.6570 N 118° 12.7770 W	MOD	3029	5400	1200	1200	1550	1145	170	-2371	MOD	HIGH	MOD
168		49° 02.6560 N 118° 12.7980 W	HIGH	7150	12600	1200	2400	1500	47	475	-5450	HIGH	HIGH	HIGH
169		49° 02.6580 N 118° 12.8210 W	HIGH	15000	19200	6600	18000	3000	45	2170	-4200	HIGH	HIGH	HIGH
170		49° 02.6580 N 118° 12.8360 W	HIGH	9300	19200	14400	31300	7500	14480	8710	-9900	HIGH	HIGH	HIGH
171		49° 02.6610 N 118° 12.8830 W	HIGH	48300	10800	48000	16500	6000	5100	8500	37500	HIGH	HIGH	HIGH
172		49° 02.6710 N 118° 12.9030 W	HIGH	18000	16200	27600	10200	30600	7500	8600	1800	HIGH	HIGH	HIGH
173		49° 02.6720 N 118° 12.9240 W	HIGH	27600	50400	20400	28800	8400	8400	11400	-22800	HIGH	HIGH	HIGH
174		49° 02.6770 N 118° 12.9590 W	HIGH	64200	63000	36300	57600	39000	46200	25200	1200	HIGH	HIGH	HIGH
175		49° 02.6760 N 118° 12.9830 W	HIGH	3600	600	9600	43800	18000	15900	9600	3000	HIGH	HIGH	HIGH
176		49° 02.6610 N 118° 13.0040 W	HIGH	32700	600	13200	7200	12000	16500	3500	32100	HIGH	HIGH	HIGH
177	Christina Lake P.P. Beach	49° 02.6640 N 118° 13.1250 W	LOW			0	0	8730	4880	2400	0	MOD	MOD	
178		49° 02.6350 N 118° 13.2660 W	HIGH	20100	28200	24900	26400	28800	8180	7800	-8100	HIGH	HIGH	HIGH
179		49° 02.6360 N 118° 13.2880 W	HIGH	15000	22800	29700	6600	14700	6600	26800	-7800	HIGH	HIGH	HIGH
180		49° 02.6360 N 118° 13.3160 W	HIGH	0	77400	62100	40200	37200	21050	30000	-77400	HIGH	HIGH	HIGH
181		49° 02.6410 N 118° 13.3390 W	HIGH	0	15000	45300	14400	82800	19097	32975	-15000	HIGH	HIGH	HIGH
182		49° 02.6410 N 118° 13.3560 W	MOD	50	3600	24250	1130	5445	195	2770	-3550	HIGH	HIGH	HIGH
183		49° 02.6420 N 118° 13.3600 W	MOD	100	600	250	570	117	70	400	-500	MOD	MOD	MOD
184		49° 02.6320 N 118° 13.3740 W	MOD	12	600	13800	60	9010	50	197	-588	HIGH	HIGH	HIGH
185		49° 02.6300 N 118° 13.3900 W	MOD	20	1200	3000	71	10	50	122	-1180	MOD	MOD	MOD
186		49° 02.6310 N 118° 13.4010 W	HIGH	85	9900	17700	69	28210	35	14512	-9815	HIGH	HIGH	HIGH
187		49° 02.6290 N 118° 13.4170 W	HIGH	2400	29700	20100	98	275	40	14542	-27300	HIGH	HIGH	HIGH
188		49° 02.6320 N 118° 13.4370 W	HIGH	2400	6600	19800	13800	5225	210	1075	-4200	HIGH	HIGH	HIGH
189		49° 02.6330 N 118° 13.4450 W	HIGH	7200	6600	3250	1605	43425	417	1242	600	HIGH	HIGH	HIGH
190	Silver Birch Campground	49° 02.6470 N 118° 13.4930 W	HIGH	9600	1800	1750	675	2009	477	860	7800	MOD	MOD	MOD
191		49° 02.6460 N 118° 13.5280 W	LOW	0	0	28	34	109	47	25	0	LOW	LOW	LOW
192		49° 02.6550 N 118° 13.5380 W	LOW	50	0	19	37	0	2	12	50	LOW	LOW	LOW
193		49° 02.6710 N 118° 13.5600 W	LOW	155	80	60	26	36	15	37	75	LOW	LOW	LOW
194		49° 02.6860 N 118° 13.5820 W	LOW	1591	560	0	29	10	263	385	1031	LOW	LOW	LOW
195		49° 02.6980 N 118° 13.6070 W	LOW	25	50	225	50	20	70	368	-25	LOW	LOW	LOW
196		49° 02.7120 N 118° 13.6280 W	LOW	400	1800	100	53	30	227	210	-1400	LOW	MOD	LOW
197		49° 02.7180 N 118° 13.6330 W	LOW	500	3800	200	22	13	76	270	-3300	LOW	MOD	LOW
198		49° 02.7240 N 118° 13.6360 W	MOD	900	750	270	9	8	77	235	150	LOW	MOD	MOD
199		49° 02.7360 N 118° 13.6500 W	HIGH	6655	4200	1290	10	350	316	470	2455	MOD	HIGH	HIGH
200		49° 02.7490 N 118° 13.6630 W	HIGH	3320	9300	2345	1302	1585	1346	840	-5980	MOD	HIGH	HIGH
201		49° 02.7620 N 118° 13.6710 W	LOW	405	55	2250	47	125	209	147	350	MOD	MOD	MOD
202		49° 02.7830 N 118° 13.6800 W	LOW	540	1010	215	177	100	105	90	-470	LOW	MOD	MOD
203		49° 02.7930 N 118° 13.6800 W	LOW	40	0	15	9	0	0	28	40	LOW	LOW	LOW
204		49° 02.8020 N 118° 13.6960 W	LOW	4	0	1	22	49	0	17	4	LOW	LOW	LOW
205		49° 02.8120 N 118° 13.7130 W	LOW	20	5	19	53	29	22	53	15	LOW	LOW	LOW

206	49° 02.8210 N 118° 13.7240 W	LOW	100	137	50	0	45	15	137	-37	LOW	LOW	LOW
207	49° 02.8280 N 118° 13.7320 W	LOW	20	56	28	28	5	46	18	-36	LOW	LOW	LOW
208	49° 02.8350 N 118° 13.7420 W	LOW	5	62	1	0	15	1	9	-57	LOW	LOW	LOW
209	49° 02.8410 N 118° 13.7560 W	LOW	10	25	2	0	0	3	9	-15	LOW	LOW	LOW
210	49° 02.8430 N 118° 13.7750 W	LOW	20	60	0	24	0	0	25	-40	LOW	LOW	LOW
211	49° 02.8460 N 118° 13.7860 W	LOW	50	107	15	0	10	30	13	-57	LOW	LOW	LOW
212	49° 02.8490 N 118° 13.7830 W	LOW	220	340	20	23	35	30	34	-120	LOW	LOW	LOW
213	49° 02.8670 N 118° 13.8070 W	LOW	350	1270	20	43	180	130	75	-920	LOW	LOW	LOW
214	49° 02.8870 N 118° 13.8210 W	LOW	125	98	55	0	112	10	65	27	LOW	LOW	LOW
215	49° 02.9140 N 118° 13.8400 W	LOW	0	34	320	70	15	55	68	-34	LOW	LOW	LOW
216	49° 02.9200 N 118° 13.8510 W	LOW	0	325	50	225	740	280	256	-325	LOW	LOW	LOW
217	49° 02.9230 N 118° 13.8550 W	LOW	0	153	0	95	683	350	63	-153	LOW	LOW	LOW
218	49° 02.9290 N 118° 13.8730 W	LOW	220	40	13	12	29	0	52	180	LOW	LOW	LOW
219	49° 02.9380 N 118° 13.8800 W	LOW	45	15	2	16	7	0	12	30	LOW	LOW	LOW
220	49° 02.9460 N 118° 13.8790 W	LOW	0	0	4	1	0	8	9	0	LOW	LOW	LOW
221	49° 02.9560 N 118° 13.8840 W	LOW	0	20	1	26	13	1	0	-20	LOW	LOW	LOW
222	49° 02.9620 N 118° 13.8890 W	LOW	5	10	100	0	31	24	5	-5	LOW	LOW	LOW
223	49° 02.9780 N 118° 13.8950 W	LOW	3	33	5	13	9	10	6	-30	LOW	LOW	LOW
224	49° 02.9860 N 118° 13.8960 W	LOW	1	5	0	0	9	0	64	-4	LOW	LOW	LOW
225	49° 02.9940 N 118° 13.9010 W	LOW	0	43	65	0	2	7	20	-43	LOW	LOW	LOW
226	49° 03.0030 N 118° 13.9040 W	LOW	0	21	8	8	10	0	16	-21	LOW	LOW	LOW
227	49° 03.0170 N 118° 13.9110 W	LOW	0	13	0	29	14	0	4	-13	LOW	LOW	LOW
228	49° 03.0330 N 118° 13.9190 W	LOW	0	46	65	16	25	0	2	-46	LOW	LOW	LOW
229	49° 03.0500 N 118° 13.9320 W	LOW	0	62	0	45	39	10	10	-62	LOW	LOW	LOW
230	49° 03.0740 N 118° 13.9470 W	LOW	0	6	2	10	0	0	3	-6	LOW	LOW	LOW
231	49° 03.1140 N 118° 13.9600 W	LOW	0	22	10	54	14	5	10	-22	LOW	LOW	LOW
232	49° 03.1380 N 118° 13.9770 W	LOW	14	35	115	675	107	11	11	-21	LOW	LOW	LOW
233	49° 03.1480 N 118° 13.9820 W	LOW	1	0	0	202	14	25	37	1	LOW	LOW	LOW
234	49° 03.1560 N 118° 13.9780 W	LOW	1300	275	4	341	54	0	29	1025	LOW	LOW	LOW
235	49° 03.1630 N 118° 13.9870 W	LOW	550	550	650	411	50	29	17	0	LOW	LOW	LOW
236	49° 03.1830 N 118° 13.9920 W	LOW	14	95	0	24	4	0	4	-81	LOW	LOW	LOW
237	49° 03.2070 N 118° 14.0110 W	LOW	11	13	2	22	6	0	1	-2	LOW	LOW	LOW
238	49° 03.2160 N 118° 14.0220 W	LOW	800	307	101	25	4	8	62	493	LOW	LOW	LOW
239	49° 03.2480 N 118° 14.0330 W	LOW	750	375	0	120	50	8	0	375	LOW	LOW	LOW
240	49° 03.2530 N 118° 14.0360 W	LOW	326	14	0	125	69	0	25	312	LOW	LOW	LOW
241	49° 03.2630 N 118° 14.0420 W	LOW	305	322	14	61	14	58	10	-17	LOW	LOW	LOW
242	49° 03.2700 N 118° 14.0520 W	LOW	13	25	0	0	0	0	6	-12	LOW	LOW	LOW
243	49° 03.2790 N 118° 14.0570 W	LOW	31	28	0	0	0	5	0	3	LOW	LOW	LOW
244	49° 03.2920 N 118° 14.0630 W	LOW	0	4	0	0	2	0	29	-4	LOW	LOW	LOW
245	49° 03.3000 N 118° 14.0680 W	LOW	0	7	1	49	1	0	10	-7	LOW	LOW	LOW
246	49° 03.3060 N 118° 14.0700 W	LOW	1083	313	26	311	21	15	21	770	LOW	LOW	LOW
247	49° 03.3160 N 118° 14.0710 W	LOW	203	25	10	40	0	24	22	178	LOW	LOW	LOW
248	49° 03.3230 N 118° 14.0740 W	LOW	725	341	60	45	0	13	0	384	LOW	LOW	LOW
249	49° 03.3310 N 118° 14.0830 W	LOW	1870	220	16	217	40	29	19	1650	LOW	LOW	LOW

250		49° 03.3390 N 118° 14.0860 W	LOW	325	60	11	50	10	0	0	265	LOW	LOW	LOW
251		49° 03.3460 N 118° 14.0900 W	LOW	410	35	5	14	14	25	9	375	LOW	LOW	LOW
251A		49° 03.3790 N 118° 14.1100 W		4	0	0	11	0	2	0	4	LOW	LOW	LOW
252		49° 03.3900 N 118° 14.1170 W	LOW	0	0	0	2	0	0	8	0	LOW	LOW	LOW
252A		49° 03.4230 N 118° 14.1260 W		0	0	0	2	0	0	2	0	LOW	LOW	LOW
253		49° 03.4520 N 118° 14.1530 W	LOW	5400	900	49	100	224	200	567	4500	LOW	LOW	MOD
254		49° 03.4680 N 118° 14.1540 W	LOW	212	12	0	50	0	0	0	200	LOW	LOW	LOW
255		49° 03.4980 N 118° 14.1610 W	LOW	1	15	6	55	2	11	0	-14	LOW	LOW	LOW
256		49° 03.5170 N 118° 14.1640 W	LOW	0	20	10	292	0	20	17	-20	LOW	LOW	LOW
257		49° 03.5470 N 118° 14.1680 W	LOW	0	30	0	315	226	73	25	-30	LOW	LOW	LOW
258		49° 03.5590 N 118° 14.1580 W	LOW	1202	832	165	965	264	970	330	370	MOD	MOD	MOD
259		49° 03.5900 N 118° 14.1530 W	LOW	1317	973	82	1561	885	717	855	344	LOW	MOD	MOD
260		49° 03.6200 N 118° 14.0670 W	LOW	0	15	1	94	55	20	46	-15	LOW	LOW	LOW
261		49° 03.6320 N 118° 14.0890 W	LOW	0	15	0	4	0	35	12	-15	LOW	LOW	LOW
262	Spooner Creek (Native Milfoil)	49° 03.6610 N 118° 14.0540 W	LOW	220	470	50	883	750	250	492	-250	MOD	MOD	MOD
263		49° 03.7060 N 118° 14.0810 W	LOW	30	25	8	38	5	0	2	5	LOW	LOW	LOW
264		49° 03.7410 N 118° 14.0820 W	LOW	63	5	4	0	9	0	11	58	LOW	LOW	LOW
265		49° 03.7790 N 118° 14.0650 W	LOW	1150	750	600	36	95	90	63	400	LOW	MOD	MOD
266		49° 03.8010 N 118° 14.0720 W	LOW	300	400	70	35	0	0	53	-100	LOW	LOW	LOW
267		49° 03.8130 N 118° 14.0730 W	LOW	1000	550	50	0	25	63	43	450	LOW	LOW	LOW
268		49° 03.8310 N 118° 14.0730 W	LOW	110	50	20	0	17	58	35	60	LOW	LOW	LOW
269		49° 03.8840 N 118° 14.0690 W	LOW	60	70	20	11	15	4	121	-10	LOW	LOW	LOW
270		49° 03.9320 N 118° 14.0820 W	LOW	240	80	20	26	50	22	77	160	LOW	LOW	LOW
271		49° 03.9470 N 118° 14.0840 W	LOW	20	0	2	5	3	4	76	20	LOW	LOW	LOW
272		49° 03.9950 N 118° 14.0980 W	LOW	60	0	6	0	8	0	5	60	LOW	LOW	LOW
273		49° 04.0090 N 118° 14.0980 W	LOW	0	15	25	6	4	0	21	-15	LOW	LOW	LOW
273A		49° 04.0420 N 118° 14.1090 W		0	0	0	5	0	9	49	0	LOW	LOW	LOW
274	Brewer Bay South	49° 04.1150 N 118° 14.1210 W	LOW		678	150	59	92	176	557	-678	LOW	LOW	
275	Brewer Bay Middle	49° 04.2170 N 118° 14.1760 W	LOW		1331	52	51	33	25	212	-1331	LOW	MOD	
276	Brewer Bay North	49° 04.3780 N 118° 14.2400 W	LOW		1430	902	350	354	289	308	-1430	LOW	MOD	
277		49° 04.4350 N 118° 14.1270 W	LOW	40	222	50	51	0	24	152	-182	LOW	LOW	LOW
278		49° 04.4920 N 118° 14.2150 W	LOW	140	133	15	5	0	13	50	7	LOW	LOW	LOW
279		49° 04.5070 N 118° 14.1920 W	LOW	25	69	0	20	0	41	58	-44	LOW	LOW	LOW
280		49° 04.5170 N 118° 14.1510 W	LOW	75	40	0	12	5	0	85	35	LOW	LOW	LOW
281		49° 04.5540 N 118° 14.1140 W	LOW	3350	2307	550	101	87	310	442	1043	LOW	MOD	MOD
282		49° 04.5740 N 118° 14.0920 W	LOW	300	600	60	35	15	12	115	-300	LOW	LOW	LOW
283		49° 04.5870 N 118° 14.0840 W	LOW	400	0	0	0	23	15	24	400	LOW	LOW	LOW
284		49° 04.6120 N 118° 14.0890 W	LOW	105	0	10	54	0	8	21	105	LOW	LOW	LOW
285		49° 04.6420 N 118° 14.0930 W	LOW	850	70	40	10	5	0	42	780	LOW	LOW	LOW
286		49° 04.6630 N 118° 14.0900 W	LOW	3000	5400	1020	521	130	150	415	-2400	LOW	MOD	MOD
287		49° 04.6900 N 118° 14.0640 W	LOW	70	10	11	10	0	0	15	60	LOW	LOW	LOW
288		49° 04.7290 N 118° 14.0680 W	LOW	0	0	0	0	0	0	15	0	LOW	LOW	LOW
289		49° 04.7420 N 118° 14.0430 W	LOW	0	0	0	0	0	0	4	0	LOW	LOW	LOW
290		49° 04.7680 N 118° 14.0840 W	LOW	10	45	0	0	0	0	36	-35	LOW	LOW	LOW

291		49° 04.8290 N 118° 14.0900 W	LOW	22	25	0	0	2	0	9	-3	LOW	LOW	LOW
292		49° 04.8910 N 118° 14.0910 W	LOW	25	79	9	1	0	0	6	-54	LOW	LOW	LOW
293		49° 04.9260 N 118° 14.0970 W	LOW	1800	1245	205	18	2	4	9	555	LOW	MOD	MOD
294		49° 04.9590 N 118° 14.0970 W	LOW	0	0	0	0	0	0	4	0	LOW	LOW	LOW
295		49° 04.9890 N 118° 14.1220 W	LOW	60	20	0	2	0	0	2	40	LOW	LOW	LOW
296		49° 05.0120 N 118° 14.1460 W	LOW	90	30	0	0	0	0	42	60	LOW	LOW	LOW
297		49° 05.0330 N 118° 14.1630 W	LOW	910	55	0	8	0	1	6	855	LOW	LOW	LOW
298		49° 05.1020 N 118° 14.2200 W	LOW	1720	120	60	0	0	0	0	1600	LOW	LOW	LOW
299		49° 05.1300 N 118° 14.2450 W	LOW	4000	2400	96	9	3	3	0	1600	LOW	MOD	MOD
300		49° 05.1560 N 118° 14.2420 W	LOW	41	35	0	0	0	0	2	6	LOW	LOW	LOW
301		49° 05.1850 N 118° 14.2540 W	LOW	4	3	0	0	0	0	0	1	LOW	LOW	LOW
302		49° 05.2010 N 118° 14.2690 W	LOW	3	22	0	0	2	0	5	-19	LOW	LOW	LOW
303		49° 05.2200 N 118° 14.2970 W	LOW	20	15	0	0	0	0	0	5	LOW	LOW	LOW
304		49° 05.2340 N 118° 14.3060 W	LOW	0	30	0	0	2	0	2	-30	LOW	LOW	LOW
305		49° 05.2520 N 118° 14.2860 W	LOW	29	22	0	0	5	0	1	7	LOW	LOW	LOW
306		49° 05.2590 N 118° 14.2620 W	LOW	801	1500	204	26	17	5	47	-699	LOW	MOD	MOD
307	Lighthouse Point	49° 05.2010 N 118° 14.1540 W	LOW	0	332	0	0	0	4	4	-332	LOW	LOW	LOW
308		49° 05.3670 N 118° 14.3060 W	LOW	5	0	6	42	4	8	2	5	LOW	LOW	LOW
309		49° 05.4180 N 118° 14.3910 W	LOW	25	5	5	15	10	5	0	20	LOW	LOW	LOW
310		49° 05.4400 N 118° 14.4070 W	LOW	1200	345	202	5	39	70	40	855	LOW	LOW	LOW
310A		49° 05.5350 N 118° 14.5090 W			40	15	0	33	0	2	-40	LOW	LOW	
311		49° 05.6150 N 118° 14.5810 W	LOW	22	5	13	10	5	0	2	17	LOW	LOW	LOW
312		49° 05.6420 N 118° 14.6300 W	LOW	0	5	0	5	0	0	0	-5	LOW	LOW	LOW
313		49° 05.6600 N 118° 14.6490 W	LOW	30	20	2	1	0	2	0	10	LOW	LOW	LOW
314		49° 05.6830 N 118° 14.6660 W	LOW	10	0	0	0	0	1	1	10	LOW	LOW	LOW
315		49° 05.6960 N 118° 14.6760 W	LOW	50	10	0	0	0	0	0	40	LOW	LOW	LOW
316		49° 05.7180 N 118° 14.7070 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
317		49° 05.7450 N 118° 14.7380 W	LOW	5	0	0	0	0	1	0	5	LOW	LOW	LOW
318		49° 05.7710 N 118° 14.7760 W	LOW	5	0	0	0	20	0	0	5	LOW	LOW	LOW
319		49° 05.7900 N 118° 14.7950 W	LOW	5	6	0	0	7	0	0	-1	LOW	LOW	LOW
320		49° 05.8080 N 118° 14.8160 W	LOW	50	25	0	1	1	0	3	25	LOW	LOW	LOW
321		49° 05.8220 N 118° 14.8450 W	LOW	45	0	0	0	1	3	0	45	LOW	LOW	LOW
322		49° 05.8560 N 118° 14.8810 W	LOW	5165	300	20	49	2	0	0	4865	LOW	LOW	LOW
323		49° 05.8720 N 118° 14.8850 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
324		49° 05.8940 N 118° 14.8920 W	LOW	2	0	0	0	0	0	2	2	LOW	LOW	LOW
325		49° 05.9130 N 118° 14.9050 W	LOW	0	0	0	0	1	0	0	0	LOW	LOW	LOW
326		49° 05.9280 N 118° 14.9270 W	LOW	190	75	52	62	85	28	137	115	LOW	LOW	LOW
327		49° 05.9960 N 118° 14.9570 W	LOW	3918	520	0	0	1	5	30	3398	LOW	LOW	LOW
328		49° 06.0180 N 118° 14.9550 W	LOW	0	50	0	0	0	2	0	-50	LOW	LOW	LOW
329		49° 06.0400 N 118° 14.9300 W	LOW	2	0	15	1	0	0	0	2	LOW	LOW	LOW
330		49° 06.0810 N 118° 14.9010 W	LOW	4	1	0	0	4	0	0	3	LOW	LOW	LOW
331		49° 06.0940 N 118° 14.8980 W	LOW	32	0	0	0	0	2	0	32	LOW	LOW	LOW
332		49° 06.1130 N 118° 14.9000 W	LOW	0	0	0	0	0	1	0	0	LOW	LOW	LOW
333		49° 06.1440 N 118° 14.9140 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW

334		49° 06.1830 N 118° 14.9000 W	LOW	0	0	0	0	0	2	0	0	LOW	LOW	LOW
335		49° 06.2030 N 118° 14.8930 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
336		49° 06.2160 N 118° 14.9130 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
337		49° 06.2370 N 118° 14.9460 W	LOW	19	0	0	0	0	0	0	19	LOW	LOW	LOW
338		49° 06.2720 N 118° 14.9620 W	LOW	0	0	0	0	0	130	0	0	LOW	LOW	LOW
339		49° 06.2880 N 118° 14.9620 W	LOW	1055	50	31	21	23	22	16	1005	LOW	LOW	LOW
340		49° 06.3190 N 118° 14.9840 W	LOW	16	0	3	0	45	6	13	16	LOW	LOW	LOW
341	Chase Point	49° 06.3390 N 118° 15.0220 W	LOW	1550	1452	376	125	7	0	5	98	LOW	MOD	MOD
342		49° 06.3690 N 118° 15.0570 W	LOW	57	273	60	0	6	0	0	-216	LOW	LOW	LOW
343		49° 06.3740 N 118° 15.1110 W	LOW	0	0	0	0	0	0	1	0	LOW	LOW	LOW
344		49° 06.3780 N 118° 15.1370 W	LOW	4	0	0	0	0	0	0	4	LOW	LOW	LOW
345		49° 06.3790 N 118° 15.1540 W	LOW	2	0	0	0	10	0	1	2	LOW	LOW	LOW
346		49° 06.3730 N 118° 15.2160 W	LOW	0	7	1	0	5	0	1	-7	LOW	LOW	LOW
347		49° 06.3500 N 118° 15.2650 W	LOW	0	0	0	0	20	0	0	0	LOW	LOW	LOW
348		49° 06.3470 N 118° 15.3010 W	LOW	0	0	0	0	0	1	0	0	LOW	LOW	LOW
348A		49° 06.3450 N 118° 15.3530 W		0	0	0	0	0	0	0	0	LOW	LOW	LOW
348B		49° 06.3540 N 118° 15.3650 W		0	0	0	0	0	0	0	0	LOW	LOW	LOW
349		49° 06.3670 N 118° 15.3930 W	LOW	0	0	0	0	1	2	0	0	LOW	LOW	LOW
350		49° 06.3770 N 118° 15.4040 W	LOW	0	0	0	0	0	0	1	0	LOW	LOW	LOW
351		49° 06.3840 N 118° 15.4180 W	LOW	25	49	0	0	0	0	0	-24	LOW	LOW	LOW
352		49° 06.3930 N 118° 15.4370 W	LOW	0	2	2	0	0	0	0	-2	LOW	LOW	LOW
353		49° 06.4060 N 118° 15.4550 W	LOW	0	0	7	0	0	3	0	0	LOW	LOW	LOW
354		49° 06.4140 N 118° 15.4610 W	LOW	0	0	0	0	2	0	1	0	LOW	LOW	LOW
355		49° 06.4260 N 118° 15.4700 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
356		49° 06.4550 N 118° 15.4780 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
357		49° 06.4460 N 118° 15.4720 W	LOW	0	0	0	0	6	0	0	0	LOW	LOW	LOW
358		49° 06.4620 N 118° 15.4600 W	LOW	0	0	0	0	0	0	170	0	LOW	LOW	LOW
359		49° 06.4890 N 118° 15.4480 W	LOW	12050	6600	1500	50	282	111	30	5450	LOW	MOD	MOD
360		49° 06.5150 N 118° 15.4760 W	LOW	75	45	0	0	0	0	0	30	LOW	LOW	LOW
361		49° 06.5280 N 118° 15.4990 W	LOW	90	0	0	0	0	0	0	90	LOW	LOW	LOW
362		49° 06.5500 N 118° 15.5340 W	LOW	33	0	0	0	0	0	0	33	LOW	LOW	LOW
363		49° 06.5880 N 118° 15.5330 W	LOW	0	35	0	0	2	9	40	-35	LOW	LOW	LOW
364		49° 06.6060 N 118° 15.5440 W	LOW	2700	357	0	0	12	0	12	2343	LOW	LOW	LOW
365		49° 06.6370 N 118° 15.5360 W	LOW	45	0	0	11	0	0	0	45	LOW	LOW	LOW
366		49° 06.6540 N 118° 15.5360 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
367		49° 06.6640 N 118° 15.5400 W	LOW	0	0	0	0	0	0	1	0	LOW	LOW	LOW
368		49° 06.7160 N 118° 15.6100 W	LOW	26	0	0	0	1	0	0	26	LOW	LOW	LOW
369		49° 06.7400 N 118° 15.6100 W	LOW	0	0	0	0	3	4	2	0	LOW	LOW	LOW
370		49° 06.7770 N 118° 15.6170 W	LOW	3	0	0	0	0	0	3	3	LOW	LOW	LOW
371		49° 06.8110 N 118° 15.6460 W	LOW	0	0	0	0	0	0	3	0	LOW	LOW	LOW
372		49° 06.8360 N 118° 15.6400 W	LOW	0	0	0	0	0	0	2	0	LOW	LOW	LOW
373		49° 06.8550 N 118° 15.6550 W	LOW	0	0	0	0	0	0	5	0	LOW	LOW	LOW
374		49° 06.8700 N 118° 15.6720 W	LOW	0	1	0	0	0	0	11	-1	LOW	LOW	LOW
374A		49° 06.9400 N 118° 15.7100 W			0	5	0	0	0	7	0	LOW	LOW	

375		49° 07.0860 N 118° 15.7230 W	LOW	2	2	0	0	1	0	10	0	LOW	LOW	LOW
376		49° 07.1090 N 118° 15.7530 W	LOW	4	7	0	0	0	0	5	-3	LOW	LOW	LOW
377		49° 07.1330 N 118° 15.7810 W	LOW	135	122	0	0	7	2	8	13	LOW	LOW	LOW
378		49° 07.1880 N 118° 15.7700 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
379		49° 07.2260 N 118° 15.7870 W	LOW	0	3	3	0	10	0	6	-3	LOW	LOW	LOW
380		49° 07.3790 N 118° 15.9220 W	LOW			0	1	16	0	23	0	LOW	LOW	
381	Starchuck Prov. Camp Site	49° 07.7000 N 118° 16.3470 W	MOD			10	0	0	1	7	0	LOW	LOW	
382		49° 07.7780 N 118° 16.3580 W	LOW	0	600	0	0	0	0	0	-600	LOW	LOW	LOW
383		49° 07.8170 N 118° 16.3470 W	MOD	6300	4	10	0	0	0	14	6296	LOW	LOW	MOD
384		49° 07.8460 N 118° 16.3500 W	LOW	5	0	0	1	0	0	0	5	LOW	LOW	LOW
385		49° 07.8880 N 118° 16.3940 W	LOW	1200	113	75	0	5	11	4	1087	LOW	LOW	MOD
386		49° 07.9270 N 118° 16.3810 W	LOW	0	0	0	0	0	0	6	0	LOW	LOW	LOW
387		49° 07.9490 N 118° 16.3900 W	LOW	5	5	0	0	2	2	1	0	LOW	LOW	LOW
388		49° 07.9790 N 118° 16.3990 W	LOW	0	0	0	0	0	0	2	0	LOW	LOW	LOW
389		49° 07.9990 N 118° 16.3950 W	LOW	0	1	0	0	0	0	5	-1	LOW	LOW	LOW
390		49° 08.0170 N 118° 16.3890 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
391		49° 08.0370 N 118° 16.3860 W	LOW	0	0	0	0	0	0	10	0	LOW	LOW	LOW
392		49° 08.0650 N 118° 16.3870 W	LOW	0	0	0	0	0	0	5	0	LOW	LOW	LOW
393		49° 08.0790 N 118° 16.3850 W	LOW	0	0	0	0	0	0	1	0	LOW	LOW	LOW
394		49° 08.1200 N 118° 16.3840 W	LOW	1	0	0	0	0	0	0	1	LOW	LOW	LOW
395		49° 08.1310 N 118° 16.3860 W	LOW	0	0	0	0	0	0	2	0	LOW	LOW	LOW
396		49° 08.1480 N 118° 16.3840 W	LOW	0	0	0	0	0	0	3	0	LOW	LOW	LOW
397		49° 08.1540 N 118° 16.3810 W	LOW	0	0	0	11	0	0	1	0	LOW	LOW	LOW
398		49° 08.1770 N 118° 16.3760 W	LOW	0	0	0	0	0	0	3	0	LOW	LOW	LOW
399		49° 08.2160 N 118° 16.3620 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
400		49° 08.2490 N 118° 16.3710 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
401		49° 08.2750 N 118° 16.3790 W	LOW	4800	600	0	0	0	0	1	4200	LOW	LOW	MOD
402	Rocky Beach Prov. Camp Site	49° 08.3660 N 118° 16.3860 W	MOD			4	0	0	0	0	0	LOW	LOW	
403	Axel Johnson Prov. Camp Site	49° 08.4620 N 118° 16.4040 W	MOD			51	0	14	40	46	0	LOW	LOW	
404	Rockslide	49° 08.6980 N 118° 16.3850 W	LOW			40	0	2	11	27	0	LOW	LOW	
405		49° 09.1620 N 118° 16.5500 W	LOW			21	2	12	2	11	0	LOW	LOW	
406		49° 09.1810 N 118° 16.6260 W	LOW	55	0	15	0	0	0	5	55	LOW	LOW	LOW
407		49° 09.1900 N 118° 16.6400 W	LOW	0	37	0	0	0	0	0	-37	LOW	LOW	LOW
408		49° 09.2000 N 118° 16.6690 W	LOW	250	0	10	1	0	0	0	250	LOW	LOW	LOW
409		49° 09.2200 N 118° 16.7160 W	LOW	0	30	1	0	1	0	0	-30	LOW	LOW	LOW
410		49° 09.2350 N 118° 16.7570 W	LOW	0	0	2	0	0	0	0	0	LOW	LOW	LOW
411		49° 09.2490 N 118° 16.7650 W	LOW	0	2	0	0	0	0	0	-2	LOW	LOW	LOW
412		49° 09.2680 N 118° 16.7670 W	LOW	19	0	0	2	0	0	0	19	LOW	LOW	LOW
413		49° 09.2900 N 118° 16.7770 W	HIGH	2400	10800	4200	1500	1030	690	110	-8400	HIGH	HIGH	HIGH
414		49° 09.3080 N 118° 16.8030 W	HIGH	4200	7500	6900	2180	1805	400	235	-3300	HIGH	HIGH	HIGH
415		49° 09.3220 N 118° 16.8150 W	HIGH	350		0	7	2	0	5	350	LOW	LOW	LOW
416		49° 09.3820 N 118° 16.8890 W	MOD	45		0	5	0	0	0	45	LOW	LOW	LOW
417		49° 09.3990 N 118° 16.9820 W	LOW	5		0	1	0	0	4	5	LOW	LOW	LOW
418	Treadmill Creek Prov. Camp Site	49° 09.3880 N 118° 17.0690 W	LOW			0	1	0	0	0	0	LOW	LOW	

419		49° 09.3910 N 118° 17.1160 W	LOW	5	0	29	0	0	3	5	LOW	LOW	LOW
420		49° 09.4290 N 118° 17.1480 W	MOD	315	75	0	0	49	20	315	LOW	LOW	LOW
421		49° 09.5590 N 118° 17.2280 W	LOW	0	86	112	22	48	74	0	LOW	LOW	LOW
422		49° 09.8750 N 118° 17.4520 W	LOW	3	15	6	15	51	9	3	LOW	LOW	LOW
423		49° 09.8750 N 118° 17.4730 W	LOW	0	2	0	0	0	0	0	LOW	LOW	LOW
424		49° 09.8860 N 118° 17.4710 W	LOW	0	0	0	0	0	0	0	LOW	LOW	LOW
425		49° 09.8990 N 118° 17.4750 W	LOW	0	0	0	0	18	0	0	LOW	LOW	LOW
426	Parsons Creek Prov. Camp Site	49° 09.9280 N 118° 17.4770 W	LOW		0	0	0	0	1	0	LOW	LOW	
427		49° 10.0040 N 118° 17.5890 W	LOW	4	0	6	0	6	2	4	LOW	LOW	LOW
428		49° 10.0360 N 118° 17.6210 W	MOD	0	5	0	0	22	10	0	LOW	LOW	LOW
429		49° 10.0580 N 118° 17.6680 W	MOD	0	0	0	0	0	0	0	LOW	LOW	LOW
430		49° 10.0710 N 118° 17.6930 W	LOW	0	0	0	0	3	1	0	LOW	LOW	LOW
431		49° 10.0880 N 118° 17.7120 W	LOW	0	0	0	0	4	0	0	LOW	LOW	LOW
432		49° 10.1140 N 118° 17.7420 W	MOD	30	20	5	0	12	10	30	LOW	LOW	LOW
433		49° 10.1270 N 118° 17.7560 W	MOD	310	410	41	0	55	30	310	LOW	LOW	LOW
434		49° 10.1480 N 118° 17.7720 W	LOW	2	25	0	0	16	11	2	LOW	LOW	LOW
435		49° 10.1880 N 118° 17.7910 W	LOW	0	2	0	0	10	3	0	LOW	LOW	LOW
436		49° 10.2140 N 118° 17.8110 W	LOW	0	5	0	0	4	4	0	LOW	LOW	LOW
437		49° 10.2450 N 118° 17.8390 W	LOW	1650	700	125	57	55	6	1650	LOW	LOW	LOW
438		49° 10.2580 N 118° 17.8420 W	MOD	2200	60	100	35	75	2	2200	LOW	LOW	LOW
439		49° 10.2730 N 118° 17.8640 W	LOW	20	0	6	3	12	2	20	LOW	LOW	LOW
440		49° 10.2890 N 118° 17.8870 W	LOW	2	8	0	0	0	4	2	LOW	LOW	LOW
441		49° 10.3020 N 118° 17.8940 W	LOW	1455	750	102	26	20	0	1455	LOW	LOW	LOW
441A		49° 10.3750 N 118° 17.9280 W			5	0	0	0	0	0	LOW	LOW	
442		49° 10.5130 N 118° 17.9820 W	MOD	0	7	0	0	0	6	0	LOW	LOW	
443	Red Ochre Creek	49° 10.5470 N 118° 17.9400 W	MOD	50	53	300	100	550	33	50	MOD	MOD	MOD
444	Ole Johnson Prov. Camp Site	49° 10.6860 N 118° 17.9520 W	MOD		4555	1800	130	195	142	0	MOD	MOD	
445		49° 10.8520 N 118° 17.8830 W	LOW		140	78	15	39	104	0	LOW	LOW	
446	(native milfoil)	49° 11.1850 N 118° 17.9960 W	LOW	15	800	375	143	5	65	15	LOW	LOW	LOW
447		49° 11.2550 N 118° 17.9990 W	LOW	120	11	0	16	22	0	120	LOW	LOW	LOW
448		49° 11.2820 N 118° 17.9910 W	LOW	150	14	15	25	56	66	150	LOW	LOW	LOW
449		49° 11.3170 N 118° 17.9860 W	LOW	25	17	58	8	64	26	25	LOW	LOW	LOW
450		49° 11.3540 N 118° 17.9870 W	LOW	5	2	19	60	9	109	5	LOW	LOW	LOW
450A		49° 11.3940 N 118° 18.0050 W			8	10	2	2	0	0	LOW	LOW	
451		49° 11.4520 N 118° 18.0100 W	LOW	308	450	283	19	527	275	308	LOW	LOW	LOW
452		49° 11.4930 N 118° 18.0050 W	LOW	30	20	0	16	2	2	30	LOW	LOW	LOW
453		49° 11.5130 N 118° 18.0000 W	LOW	55	110	0	1	79	150	55	LOW	LOW	LOW
454		49° 11.5360 N 118° 17.9880 W	LOW	150	30	0	25	115	2	150	LOW	LOW	LOW
455		49° 11.5780 N 118° 17.9850 W	LOW	9	10	66	10	27	21	9	LOW	LOW	LOW
456	Last House on West Shore	49° 11.7200 N 118° 17.9200 W	LOW	218	115	30	14	94	107	218	LOW	LOW	LOW
456A		49° 11.8840 N 118° 17.9060 W			42	1409	380	2140	1200	0	MOD	MOD	
457	Troy Creek Prov. Camp Site	49° 11.9870 N 118° 17.8450 W	MOD		0	4100	11850	6000	28270	0	HIGH	HIGH	
458	North Bay Lagoon	49° 12.0750 N 118° 17.6500 W	HIGH		0	0	7800	7200	14130	0	MOD	MOD	
459	Sandner Creek	49° 11.9410 N 118° 17.5490 W	LOW		0	152	0	0	1475	0	LOW	LOW	

460		49° 11.8910 N 118° 17.2990 W	MOD			0	5100	2400	230	4000	0	MOD	MOD	
461	Turtle Bay	49° 11.9110 N 118° 17.1460 W	HIGH		900	2400	1230	90	2225	2100	-900	MOD	MOD	
462		49° 11.7950 N 118° 17.1810 W	LOW	0	275	200	184	31	195	127	-275	LOW	LOW	LOW
463		49° 11.4770 N 118° 17.2060 W	LOW	12	7	45	0	0	19	0	5	LOW	LOW	LOW
464		49° 11.4250 N 118° 17.2080 W	LOW	0	8	16	30	0	6	2	-8	LOW	LOW	LOW
465		49° 11.3920 N 118° 17.1900 W	LOW	0	7	14	0	0	6	0	-7	LOW	LOW	LOW
466		49° 11.3820 N 118° 17.1830 W	LOW	0	6	5	22	10	0	3	-6	LOW	LOW	LOW
467		49° 11.3670 N 118° 17.1750 W	LOW	0	10	23	0	0	0	0	-10	LOW	LOW	LOW
468		49° 11.3460 N 118° 17.1640 W	LOW	0	40	35	0	6	37	12	-40	LOW	LOW	LOW
468A		49° 11.2680 N 118° 17.1430 W			0	0	0	0	0	0	0	LOW	LOW	
469		49° 11.1620 N 118° 17.1080 W	LOW	5	0	1	0	0	0	0	5	LOW	LOW	LOW
470		49° 11.1390 N 118° 17.0550 W	LOW	4	2	0	0	4	2	2	2	LOW	LOW	LOW
471		49° 11.1300 N 118° 17.0440 W	LOW	6	0	2	0	0	2	7	6	LOW	LOW	LOW
472		49° 11.0960 N 118° 16.9970 W	LOW	5	0	0	2	4	2	0	5	LOW	LOW	LOW
473		49° 11.0770 N 118° 16.9870 W	LOW	5	0	0	7	0	1	0	5	LOW	LOW	LOW
474		49° 11.0580 N 118° 16.9450 W	LOW	4	0	0	0	5	23	0	4	LOW	LOW	LOW
475	Shoreline North of Deer Point	49° 10.9050 N 118° 16.8800 W	LOW			147	57	93	112	7	0	LOW	LOW	
476	Shoreline South of Deer Point	49° 10.2160 N 118° 16.5510 W	LOW			655	0	33	39	27	0	LOW	LOW	
477	Trapper Creek Camp Site North	49° 09.9790 N 118° 16.2540 W	LOW			0	0	0	0	9	0	LOW	LOW	
478	Trapper Creek Camp Site South	49° 09.9500 N 118° 16.1960 W	LOW			15	0	0	2	14	0	LOW	LOW	
479		49° 09.9000 N 118° 16.1310 W	LOW			98	0	10	16	2	0	LOW	LOW	
480		49° 09.6150 N 118° 15.8030 W	LOW	1250	210	150	0	5	5	2	1040	LOW	LOW	LOW
481		49° 09.5960 N 118° 15.7180 W	LOW	0	0	1	0	0	19	0	0	LOW	LOW	LOW
482		49° 09.4170 N 118° 15.5560 W	LOW			148	0	32	33	1	0	LOW	LOW	
483		49° 08.8160 N 118° 15.2410 W	LOW	0	2	7	0	2	16	37	-2	LOW	LOW	LOW
484		49° 08.7680 N 118° 15.2150 W	LOW	0	0	5	0	1	5	0	0	LOW	LOW	LOW
485		49° 08.5680 N 118° 15.1790 W	LOW			21	0	3	13	59	0	LOW	LOW	
486	Indian Rocks	49° 07.8910 N 118° 15.0220 W	LOW			8	0	10	2	6	0	LOW	LOW	
487	Texas Point Prov. Campgrounds	49° 07.7860 N 118° 15.0510 W	LOW			16	0	5	9	10	0	LOW	LOW	
488		49° 07.6220 N 118° 15.0470 W	LOW	0	0	0	0	0	0	11	0	LOW	LOW	LOW
489		49° 07.6100 N 118° 15.0490 W	LOW	650	1800	0	0	0	0	2	-1150	LOW	MOD	MOD
490		49° 07.6000 N 118° 15.0380 W	LOW	2400	1600	39	7	0	0	24	800	LOW	MOD	MOD
491		49° 07.5930 N 118° 15.0370 W	LOW	2088	10	21	0	0	17	5	2078	LOW	LOW	LOW
492		49° 07.5840 N 118° 15.0340 W	LOW	408	25	0	0	0	0	0	383	LOW	LOW	LOW
493		49° 07.5750 N 118° 15.0310 W	LOW	0	0	0	0	21	0	0	0	LOW	LOW	LOW
494		49° 07.5670 N 118° 15.0330 W	LOW	0	0	0	0	5	0	0	0	LOW	LOW	LOW
495		49° 07.5580 N 118° 15.0350 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
496		49° 07.5510 N 118° 15.0390 W	LOW	0	0	0	0	20	0	0	0	LOW	LOW	LOW
497		49° 07.5410 N 118° 15.0420 W	LOW	0	0	0	0	3	0	0	0	LOW	LOW	LOW
498		49° 07.5040 N 118° 15.0390 W	LOW	0	0	0	0	0	2	0	0	LOW	LOW	LOW
499		49° 07.4960 N 118° 15.0400 W	LOW	0	0	0	0	15	0	0	0	LOW	LOW	LOW
500		49° 07.4810 N 118° 15.0410 W	LOW	0	0	0	0	5	0	0	0	LOW	LOW	LOW
501		49° 07.4750 N 118° 15.0400 W	LOW	0	0	0	0	24	0	0	0	LOW	LOW	LOW
502		49° 07.4620 N 118° 15.0370 W	LOW	20	0	0	0	37	0	0	20	LOW	LOW	LOW

503		49° 07.4530 N 118° 15.0290 W	LOW	51	0	0	0	29	1	0	51	LOW	LOW	LOW
504		49° 07.4430 N 118° 15.0330 W	LOW	108	0	0	0	25	0	0	108	LOW	LOW	LOW
505	Texas Point Boat Launch	49° 07.4170 N 118° 15.0440 W	MOD	1200	1311	60	0	103	20	26	-111	LOW	MOD	MOD
506		49° 07.3950 N 118° 15.0330 W	MOD	1200	50	80	0	10	0	15	1150	LOW	LOW	LOW
507		49° 07.3830 N 118° 15.0160 W	MOD	100	10	30	0	10	2	0	90	LOW	LOW	LOW
508		49° 07.3730 N 118° 15.0000 W	MOD	6600	3300	100	0	7	4	22	3300	LOW	MOD	MOD
509		49° 07.3630 N 118° 14.9880 W	MOD	5	10	4	93	26	18	15	-5	LOW	LOW	LOW
510	Texas Creek	49° 07.3440 N 118° 14.9680 W	LOW	0	0	0	12	4	0	0	0	LOW	LOW	LOW
511		49° 07.3130 N 118° 14.9310 W	LOW	120	148	100	164	20	48	20	-28	LOW	LOW	LOW
512		49° 07.2840 N 118° 14.9180 W	LOW	15	117	5	0	0	5	0	-102	LOW	LOW	LOW
513		49° 07.2720 N 118° 14.9050 W	LOW	0	0	0	12	0	0	52	0	LOW	LOW	LOW
514		49° 07.2650 N 118° 14.8960 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
515		49° 07.2550 N 118° 14.8820 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
516		49° 07.2440 N 118° 14.8760 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
517		49° 07.2290 N 118° 14.8420 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
518		49° 07.2210 N 118° 14.8220 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
519		49° 07.2190 N 118° 14.8010 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
520		49° 07.2150 N 118° 14.7850 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
521		49° 07.2070 N 118° 14.7610 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
522		49° 07.1910 N 118° 14.7270 W	LOW	0	0	0	2	0	5	0	0	LOW	LOW	LOW
523		49° 07.1850 N 118° 14.6980 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
523A		49° 07.1800 N 118° 14.6900 W		0	40	0	0	0	0	0	-40	LOW	LOW	
524		49° 07.1800 N 118° 14.6600 W	LOW	0	0	0	0	0	0	4	0	LOW	LOW	LOW
525		49° 07.1740 N 118° 14.6210 W	LOW	10	2422	800	0	70	180	142	-2412	LOW	MOD	MOD
526		49° 07.1790 N 118° 14.5830 W	MOD	2550	100	280	0	16	40	5	2450	MOD	MOD	MOD
527		49° 07.1890 N 118° 14.5480 W	LOW	280	0	60	0	0	0	0	280	LOW	LOW	LOW
528		49° 07.1720 N 118° 14.5140 W	LOW	60	0	0	0	0	0	0	60	LOW	LOW	LOW
529		49° 07.1700 N 118° 14.4640 W	LOW	160	0	5	0	0	0	0	160	LOW	LOW	LOW
530	Cove South of Texas Creek	49° 07.1710 N 118° 14.4460 W	HIGH	1800	0	40	78	68	293	157	1800	LOW	LOW	MOD
531		49° 07.1660 N 118° 14.4040 W	MOD	100	4630	0	9	0	7	5	-4530	LOW	MOD	LOW
532		49° 07.1440 N 118° 14.3180 W	LOW	0	0	10	0	0	0	0	0	LOW	LOW	LOW
533		49° 07.1120 N 118° 14.3560 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
534		49° 07.0870 N 118° 14.3500 W	LOW	20	0	0	0	0	1	0	20	LOW	LOW	LOW
535		49° 07.0660 N 118° 14.3470 W	LOW	300	0	0	0	0	0	0	300	LOW	LOW	LOW
536		49° 07.0360 N 118° 14.3340 W	LOW	70	25	60	0	0	0	0	45	LOW	LOW	LOW
537		49° 07.0170 N 118° 14.3150 W	LOW	55	102	40	21	5	5	0	-47	LOW	LOW	LOW
538		49° 06.9830 N 118° 14.2970 W	LOW	0	0	0	0	0	17	0	0	LOW	LOW	LOW
539		49° 06.9830 N 118° 14.2870 W	LOW	0	0	0	0	0	0	2	0	LOW	LOW	LOW
540		49° 06.9600 N 118° 14.2830 W	LOW	670	550	110	2	0	0	0	120	LOW	LOW	LOW
541		49° 06.9080 N 118° 14.2550 W	LOW	1	1	0	0	0	0	0	0	LOW	LOW	LOW
542		49° 06.8870 N 118° 14.2180 W	LOW	0	5	0	1	0	0	0	-5	LOW	LOW	LOW
543		49° 06.8620 N 118° 14.1960 W	LOW	0	0	0	0	0	1	0	0	LOW	LOW	LOW
544		49° 06.8420 N 118° 14.1890 W	LOW	0	0	0	0	112	2	0	0	LOW	LOW	LOW
545		49° 06.8310 N 118° 14.1830 W	LOW	135	55	1	0	0	5	3	80	LOW	LOW	LOW

546		49° 06.8080 N 118° 14.1640 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
547		49° 06.7870 N 118° 14.1420 W	LOW	2	25	0	0	0	1	0	-23	LOW	LOW	LOW
548		49° 06.7710 N 118° 14.1360 W	LOW	250	100	5	0	0	0	0	150	LOW	LOW	LOW
549		49° 06.7560 N 118° 14.1350 W	LOW	0	0	0	0	0	1	0	0	LOW	LOW	LOW
550		49° 06.7380 N 118° 14.1470 W	LOW	0	3	0	0	0	0	0	-3	LOW	LOW	LOW
551		49° 06.7260 N 118° 14.1580 W	LOW	0	1	0	0	0	0	0	-1	LOW	LOW	LOW
552		49° 06.7160 N 118° 14.1770 W	LOW	0	2	3	3	3	0	1	-2	LOW	LOW	LOW
553		49° 06.7030 N 118° 14.1950 W	LOW	0	14	0	0	0	0	1	-14	LOW	LOW	LOW
554		49° 06.6990 N 118° 14.2090 W	LOW	0	0	4	0	0	0	4	0	LOW	LOW	LOW
555		49° 06.6840 N 118° 14.2330 W	LOW	0	0	0	12	1	0	0	0	LOW	LOW	LOW
556		49° 06.6690 N 118° 14.2580 W	LOW	0	5	10	3	1	0	0	-5	LOW	LOW	LOW
557		49° 06.6520 N 118° 14.2850 W	LOW	0	13	0	0	0	0	0	-13	LOW	LOW	LOW
558		49° 06.6090 N 118° 14.3290 W	LOW	0	2	0	0	0	0	0	-2	LOW	LOW	LOW
559		49° 06.5990 N 118° 14.3400 W	LOW	0	11	2	0	0	0	0	-11	LOW	LOW	LOW
560		49° 06.5860 N 118° 14.3570 W	LOW	0	0	0	3	0	0	4	0	LOW	LOW	LOW
561		49° 06.5550 N 118° 14.3770 W	LOW	0	1	0	0	0	0	1	-1	LOW	LOW	LOW
562		49° 06.5300 N 118° 14.3910 W	LOW	0	0	0	0	0	0	0	0	LOW	LOW	LOW
563		49° 06.5070 N 118° 14.3970 W	LOW	0	0	0	0	0	5	0	0	LOW	LOW	LOW
564		49° 06.4590 N 118° 14.3960 W	LOW	0	0	0	0	0	0	4	0	LOW	LOW	LOW
564A		49° 06.4030 N 118° 14.3830 W		0	0	0	1	0	2	7	0	LOW	LOW	LOW
565		49° 06.3480 N 118° 14.3880 W	LOW	0	0	0	1	0	25	23	0	LOW	LOW	LOW
566		49° 06.3200 N 118° 14.4040 W	LOW	0	2	2	0	0	0	0	-2	LOW	LOW	LOW
567		49° 06.3100 N 118° 14.4180 W	LOW	0	55	0	0	0	0	0	-55	LOW	LOW	LOW
568		49° 06.2840 N 118° 14.4390 W	LOW	600	1800	250	15	25	0	0	-1200	LOW	MOD	MOD
569		49° 06.2780 N 118° 14.4420 W	LOW	1200	15	0	29	32	3	0	1185	LOW	LOW	MOD
570		49° 06.2690 N 118° 14.4490 W	LOW	5400	11410	230	99	78	0	0	-6010	LOW	HIGH	HIGH
571		49° 06.2560 N 118° 14.4610 W	LOW	0	50	1800	0	0	0	0	-50	LOW	LOW	LOW
572		49° 06.2360 N 118° 14.4780 W	LOW	0	50	800	0	45	0	1	-50	LOW	LOW	LOW
573	McRae Creek	49° 06.2050 N 118° 14.5020 W	LOW	0	0	0	227	0	0	0	0	LOW	LOW	LOW
574		49° 06.1900 N 118° 14.5000 W	LOW	0	4	15	9	0	59	0	-4	LOW	LOW	LOW
575		49° 06.1570 N 118° 14.4840 W	LOW	0	0	0	0	0	0	25	0	LOW	LOW	LOW
Creek 1		49° 02.6350 N 118° 12.6590 W		75	285	100	82	25	25	100	-210	LOW	LOW	LOW
Creek 2	Sandner Rd Public Beach	49° 02.6280 N 118° 12.6420 W				0	3600	0	1200	1800	0	MOD	MOD	MOD
Creek 3		49° 02.6240 N 118° 12.6230 W		3600	8400	0	24000	25200	5400	4200	-4800	HIGH	HIGH	HIGH
Creek 4		49° 02.6170 N 118° 12.5930 W			3300	9900	16200	6600	9600	1800	-3300	HIGH	HIGH	HIGH
Creek 5		49° 02.6150 N 118° 12.5750 W				0	9000	6600	12000	11400	0	HIGH	HIGH	HIGH
~~Creek~~	~~Christina Creek~~		HIGH								0			
				TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	+/-			
				693063	866926	673371	646398	703847	453181	535135	-173863			

10. Appendix 3 – Invasive Aquatic Plant Control Pilot Project

In October of 2018, the dive crew was tasked with testing control options for Fragrant Waterlily, with the guidance and assistance of Barb Stewart of BISS. The chosen location of the trial was within the "No Boating" area inside the Sutherland Creek Nature Park, with water depths of 2 meters, and the patch of lilies was fully surrounded by dense watershield (*Brassneria Schrebi*). The crew measured the dimensions of the plot and then determined the overall average density of the waterlily in stems per square meter. The divers then tested differing control methods:

- Pulling the entire plant from the bottom, root, and stalk
- Cutting the stems as close as possible to the root and harvesting the cuttings
- A combination of harvesting cuttings and pulling of roots.

Fragrant Waterlily roots and stalks from feasibility study

The divers found that harvesting the entire plant, root, and stalk, all at once was ineffective as the stems are intertwined with neighbouring plants. Achieving control via cutting would be time-consuming, with multiple yearly cutting required over a period of approximately 5 years. Control via cutting then pulling the root stalk was extremely slow as the roots are large tubers and extend horizontally along possible meters in length and are stacked atop one another to a depth of approximately 15cm below the substrate.

In 2022 the RDKB took a second look at control options for fragrant waterlily, as the patch of lilies along Christina Creek started to become a greater concern for environmental spread. With the assistance of the Milfoil Control Program, in 2023, two specific locations were selected for a pilot project; Site 1 is located at the mouth of Christina Creek. Site 2 is in the shallow area on the East Side of the lake.

Root and stalk from feasibility study

The floating benthic barriers were re-installed in early June 2024, at site 1 and 2, expanding coverage with extra mats purchased, to better aid in overall coverage that was missed along outer edges of plant growth.

For year two of the pilot, an expansion of the pilot to include Eurasian Watermilfoil coverage was amended, and subsequently, three additional sites were selected via public survey and on-site assessment of viability of deployment at auditioned site locations. Two private dock plots, and an open water plot adjacent to a resorts' dock assembly were selected. These new sites were selected to specifically control the growth of milfoil. The RDKB dive crew, under direction of the project lead and biologist, were tasked with initial deployment, aided in monitoring and assessing the placement, mat effectiveness and sample collection at each site, multiple times throughout the season. Sample types, for both Fragrant Lily and Eurasian Watermilfoil, were as follows:

Mat removal at site 1 in Christina Creek: Year 2

- A control root and stalk cutting from outside the mats influence.

- A root (and stalk, if any) cutting, from 1 meter under the outer edge of the mat
- A root (and stalk, if any) cutting from underneath the overlap of the mats

2025 was year three of the pilot program, and just like year two, additional sites were selected to expand the programs' coverage. A private dock plot adjacent to a year two plot was added, as well as a resort plot, both being selected to control milfoil. In total, there were 5 sites being treated with benthic mats to control milfoil as well as waterlily.

Lily patch in Nature Park area, pre-deployment; Year 3

Divers deploying mat at resort; Year 3

Qualitative and quantitative assessments of the health of the root and stalks/stems were made and recorded. Data collection events were undertaken to assess effectiveness of mat coverage. Sites that were controlled for milfoil in 2024 with benthic mats in year two of the pilot we also assessed, as 2025 was used as a "rest year" to evaluate the impact of the benthic mats on repopulation of native and invasive species. Permission was again granted by the province to allow for an overwintering of mats at the new site locations.

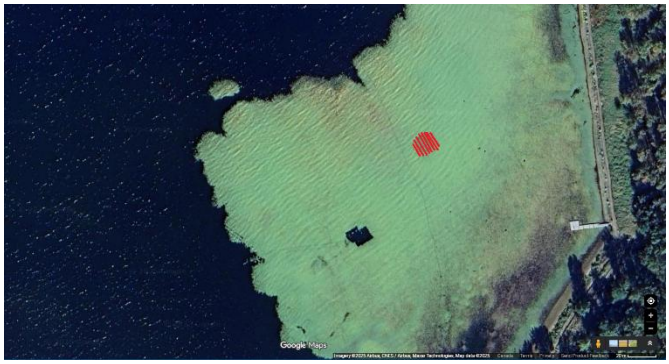
Mat install along creek; upwelling current lifted and flipped mat, mat was repositioned; Year 3

Overwintering of mats along Christina Creek is untenable, as the spring creek flows have the potential to lift the mats from the creek bottom and have them tumble downstream. A more in-depth report for year three of this project can be found at RDKB.com.

Approximate location of benthic mat install for milfoil control: Year 2 in yellow, year 3 in orange

Approximate location of benthic mat for milfoil control at private residence: Year 3

Approximate location of benthic mat install for milfoil control at resort: Year 3



Approximate location for benthic mat install for lily control in Nature Park: Year 3

Christina Creek Mat installation for Lily control; year 3. Note previous years coverage effects