BARNES LAKE MANAGEMENT DISTRICT
MEETING AGENDA

Online via Zoom and In Person at
Tumwater City Hall, Sunset Room, 555
Israel Rd. SW, Tumwater, WA 98501

Wednesday, February 08, 2023
6:00 PM

1. Call to Order
2. Roll Call
3. Introduction and Agenda Review
4. Approval of Minutes
   a. November 9, 2022 Steering Committee Meeting
5. Public Comment
6. Member Comment
7. Newsletter Article Ideas & Assignments
8. Lake Management
   a. NWAES Update (Dorling)
   b. NWAES Annual Report Review (Dorling)
   c. NWAES Scope of Work Review (Smith)
   d. Floating Mat Management - NWAES Negotiations (Committee)
   e. Private Property Treatment Coordination (Peterson/Kangiser)
   f. Lake Levels (Kangiser)
9. General Business
   a. 2023 Draft Work Plan Review (Smith)
   b. 2022-2023 Budget Review (Smith)
10. Future Agenda Items
11. Next Meeting Date - 03/29/2023
12. Adjourn

Meeting Information
All committee members are attending remotely. The public are welcome to attend in person, by telephone or online via Zoom.

Watch Online

Topic: BARNES LAKE MANAGEMENT DISTRICT MEETING
Time: Feb 8, 2023 06:00 PM Pacific Time (US and Canada)

Join Zoom Meeting
https://us02web.zoom.us/j/89101772797?pwd=bmNuWVBTbWdXQTdqQmZDZWhwUkVqZz09

Meeting ID: 891 0177 2797
Passcode: 692915
One tap mobile
+12532158782,,89101772797#,,,,*692915# US (Tacoma)
+12532050468,,89101772797#,,,,*692915# US

Listen by Telephone
Call (253) 215-8782, listen for the prompts and enter the Webinar ID 891 0177 2797 and Passcode 692915

Post Meeting
Audio of the meeting will be recorded and later available by request, please email CityClerk@ci.tumwater.wa.us

Accommodations
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BARNES LAKE MANAGEMENT DISTRICT MEETING MINUTES

Wednesday, November 09, 2022
6:00 PM

1. Call to Order

2. Roll Call*: Gary Bodeutsch (Chair), Linnea Madison (Vice-Chair), Kathy Peterson, Rusty Weaver, Dana Day, Jody Keys, Doug Dorling (Northwest Aquatic Ecosystems), Dave Kangiser (Water Resources Specialist), Dan Smith (Water Resources and Sustainability Director)*

Guests: Jerome Tuaño from JOLT news organization

Excused: *Judith Loft, Lalani Shelton, Tom Sparks*

3. 6 PM – Introductions and Agenda Review

4. Approval of Minutes

    a. September 21, 2022 Steering Committee Meeting.

    Member Peterson motioned to accept the minutes as written. Vice-Chair Madison seconded the motion and the vote was unanimous.

5. Public Comment: *There was no public comment.*

6. Member Comment: *There was no member comment.*

7. Appointment of Officers:

Member Day motioned for current officers to remain. Member Weaver seconded the motion and the vote was unanimous.

Chair: Gary Bodeutsch

Vice-Chair: Linnea Madison

Recorder: Dave Kangiser

8. Newsletter Article Ideas & Assignments *There was discussion about preparing a newsletter article in preparation for a September walk-about. This topic will be discussed in more detail at the February meeting*.

9. Lake Management

a. *Northwest Aquatic Ecosystems (NWAES) Update (Dorling): In 2022, NWAES treated for bladderwort but would like to change the approach to target bladderwort. Low lake levels last year resulted in treatment not being effective for bladderwort. If bladderwort does not come back, we should use diquot. Diquot is much cheaper. We could treat with Aquathol K but it is much more expensive. Diquot seems to do well on bladderwort when water levels are high. Visual monitoring should help understand effectiveness.*

Contractor Dorling explained that Permit writers have changed at ECY. There have been some misunderstandings in the interpretation of the Permit and the new permit writer is holding the permitee to the letter of the law. Methodology for providing notices before treatment may change in future treatments. Signs will have to be posted at each property. Member Peterson asked if BLMD Members could do this task. With the close proximity of the lake to Department of Ecology's Head Quarters, the postings should be done by the applicator.

Two stumps on Member Day's property were removed by Brenda, Member Day's roommate. Contractor Dorling included a $500 fee on his annual invoice to be paid to Brenda for her work.

b. Floating mat management actions items (Committee)

Chair Bodeutsch initiated the conversation about floating mat management. One of the potential solutions discussed was to corral the mats into a designated shoreline area where they can be tied together until the roots anchor the mats in place. Part of the strategy is to intercept the floating mats before they cause problems. This strategy would require rapid mobilization before they root. Wooden or bamboo stakes would be preferred to metal rods as anchor points on the mats. If rebar is used, Hi-Viz caps would be required to avoid injuries to swimmers and recreaters. Conducting mat management during high water would be ideal. Vice-Chair Madison asked if other lakes in the area experience this. Contractor Dorling indicated that Barnes Lake is unique to this situation compared to some of his other sites that he has worked at. The island could be relocated either to DOT Island or existing larger islands that have established roots. The mats in front of the Barnes Lake Condominiums and Member Day's property should be priority to relocate.

Director Smith suggested using the aerial survey to prioritize islands and/or re-location spots. Contractor Dorling's contract is due for negotiations in 2023 and island management could be included in the new scope of work. This should be included in the meeting agenda and work plan for 2023.

c. Private property treatment coordination (Peterson/Kangiser)

Member Peterson has two additional people interested in treatment: Aaron Howe and Sherry McCafferty, but Member Peterson is unsure what their wishes are. Every lot has unique challenges and needs. Shrub removal on the land is property owner's responsibility, and the LMD is responsible for aquatic treatments to the high water mark. Work done under the Permit must comply with the Permit regardless if LMD or private owner pays for the work. The LMD can offer technical assistance for private property lake front vegetation management. Notification to participate should go to lakefront property owners. Contractor Dorling can also conduct the work independent of the City/LMD, but would need to be negotiated independently of the LMD. LMD members who are interested in additional treatment are encouraged to contact Specialist Kangiser.

d. Lake Levels (Kangiser)

Specialist Kangiser recalibrated the water level gauge and installed new batteries. The gauge is being protected from floating mats by the t-post used to anchor the gauge. He also checked on leveler and inlet cage looks to be under an island, but still functioning.

10. General Business

a. 2022 Work Plan and 2023 Draft Work Plan Review (Smith)

Problems with the drone used for aerial surveys might be problematic to conduct a survey this fall. A newsletter template has been developed, but will rely on committee for content. The Annual Treatment Summary Report in progress.

The budget for 2023 looks very similar to 2022 without the rate increase tasks (listening session, City Council Meetings, etc.).

b. 2022 Budget, 2023-2035 Budget Review (Smith)

The City's Finance Department found a discrepancy in the 2021 and 2022 budgets in favor of LMD for a total of an additional amount of about $20,000.

Director Smith reviewed the 2022 budget and the 2023 forecasted budget.

c. Identify 2023 Steering Committee regular meeting dates. Hybrid format is preferred.

February 8, 2023

March 29, 2023

June 14, 2023

September 13, 2023 Walk About at 5:00

October 11, 2023

November 8, 2023

12. Adjourn

Barnes Lake

2022 Aquatic Macrophyte Control Program

Prepared By
Northwest Aquatic Eco-Systems
855 Trosper Road SW #108-313
Tumwater, WA 98512
360-357-3285
Pondweeds@comcast.net

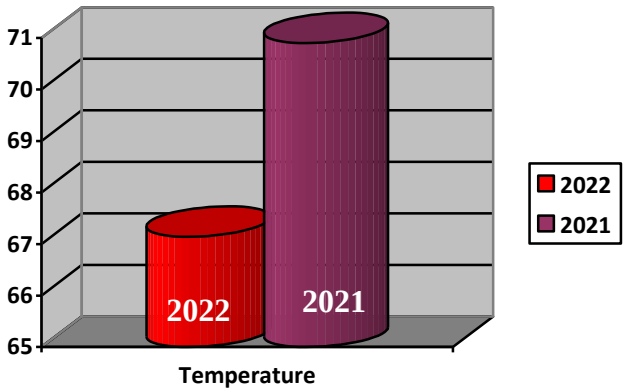
Project Overview

2022 noted record low temperatures for the month of April and above normal rainfall for June. The summer produced a record number of days exceeding 90 degrees with reduced rainfall through the summer months. There was anticipation that control activities would continue to target lily pad shoreline growth in conjunction with the need to control sporadic bladderwort and pondweed growth. The 2020 whole lake fluridone treatment was hindered as a result of early seasonal water loss that required the booster fluridone application to be performed earlier than scheduled. Some of the bladderwort nestled within the wetland areas became landlocked and did not receive the necessary exposure timeline required to ensure lake-wide control. The success of the 2020 treatment eliminated but did not eradicate the bladderwort infestation from Barnes Lake. Low water level and the late treatment start date required the second fluridone booster application to be applied earlier than anticipated. Water level issues likely created bladderwort plants that may have become landlocked within the floating islands resulting in a reduced exposure interval for these plants.

The main component for 2022 was to observe the lake's continued response related to the 2020 fluridone treatment, provide timely minimal shoreline control activities for lily pad control and use spot applications for submersed weeds when deemed appropriate. Areas of the lake that would be considered for weed control would be determined after the spring survey.

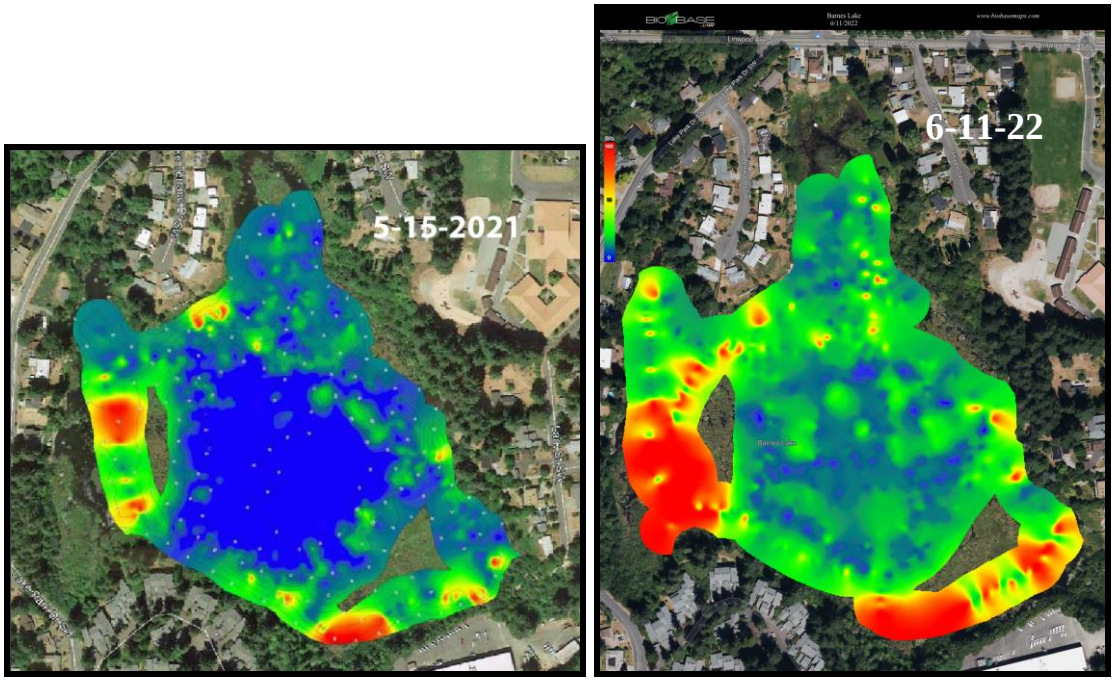
Survey 6-11-22

The spring survey was performed later in the year than past surveys in an effort to compensate weed growth shortfalls that might have occurred due to the cooler April and May temperatures. The initial survey was performed on June 11. Water level was adequate to access all the lake areas. Our 2021 survey was undertaken approximately one month earlier than the 2022 survey. Average water temperature for our 2021 survey was 70.9 degrees while our 2022 survey (one month later than 2021) was just 67.14.



One would anticipate that a lower spring water temperature for 2022 would have resulted in reduced weed growth lake-wide. Our spring 2022 surveyed identified greater weed densities lake-wide than what was expected. The dominant plant noted was the non-

native bladderwort. As water levels began to rise at the close of 2021 and into the early spring of 2022 viable, bladderwort plants were dislodged from within the floating wetland islands that then spread throughout the lake. This increase was noted visually and further documented through the electronic survey.



All of the dark blue areas represent biomass densities within the water column of 0 %. The remaining green areas represent densities of less than 40%. Red areas constitute densities of 100%.

Survey Protocol

A macrophyte survey map is produced each year and incorporated into the baseline IAVMP for Barnes Lake. The surveys are then utilized to monitor yearly weed growth and assist in establishing potential management sites. Electronic bottom surveys have been conducted since 2015.

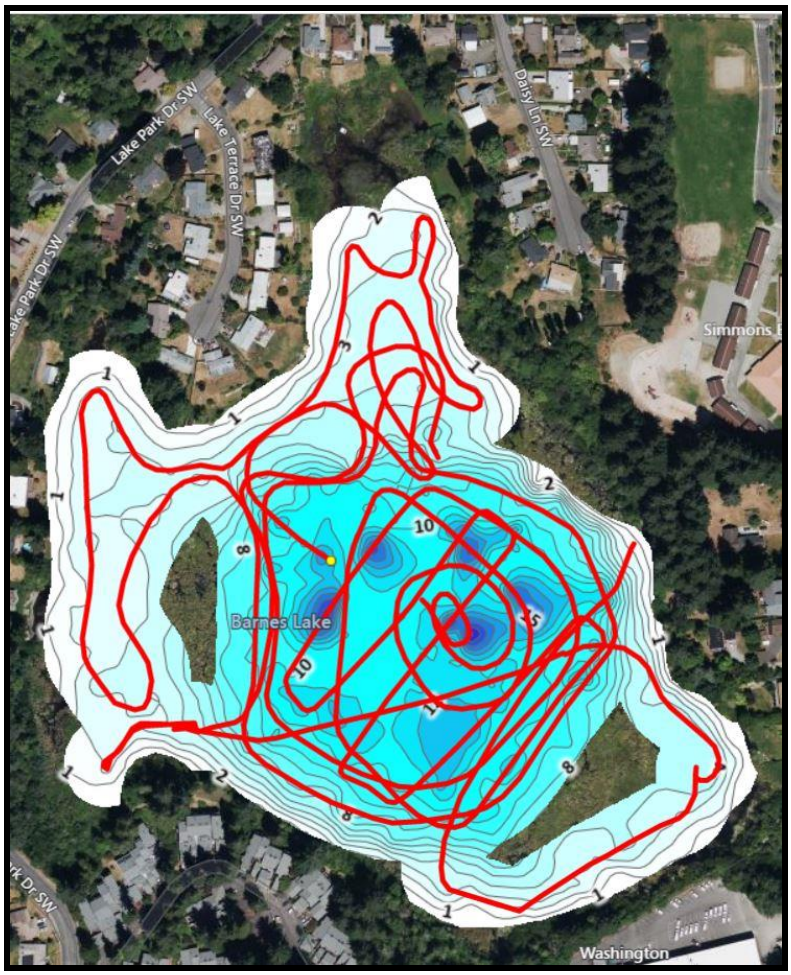
The NWAE mapping protocol utilizes state of the art Bio Base mapping technology. This system produces three map types consisting of a bathymetric contour, a sediment composition profile and a macrophyte density map. All maps are GIS friendly and can be exported into any GIS program. Maps are color coded so they can be easily evaluated by any viewer.

Mapping technology utilizes specialized transducers that electronically collect thousands of data points as the survey boat transects the lake's littoral zone. Data is recorded and viewed onboard. Each file contains one hour of survey data. A completed survey may be comprised of one or more files. Upon completion, all the program files are downloaded

and processed. The survey and sonar log produces a stored electronic file of the lake bottom that can be viewed in house at any time and allows the ability to view plant growth along the boat's survey track.

Our protocol encompasses a surface vehicle transecting the lake along the entire littoral zone. Boat tracks are designed to be approximately 150 feet apart. Sonar beam data collection extends approximately 150 feet from all directions surrounding the boat. To ensure the efficacy of the survey, a bottom sampling rake is thrown from the boat at various locations lake-wide. The rake is then drawn across the lake bottom, brought to the surface and into the boat. Plants attached to the rake are identified and confirmed as being the same species as noted through the structure scan or visually noted through the water column. This sampling point is then incorporated into the data log file as a single point of reference, noting the species captured during the rake tow. These points are then added to the final project map.

BioBase survey technology provides accuracy in water depths of greater than 2.5 feet. Data collected below the three foot threshold may be skewed because of signal related issues from the reflected bottom transducer readings. These depth issues and data acquisition distributions are typical for the Branes Lake shallow canal and island sections of the lake. In general, survey efficacy was limited to the main lake basin.



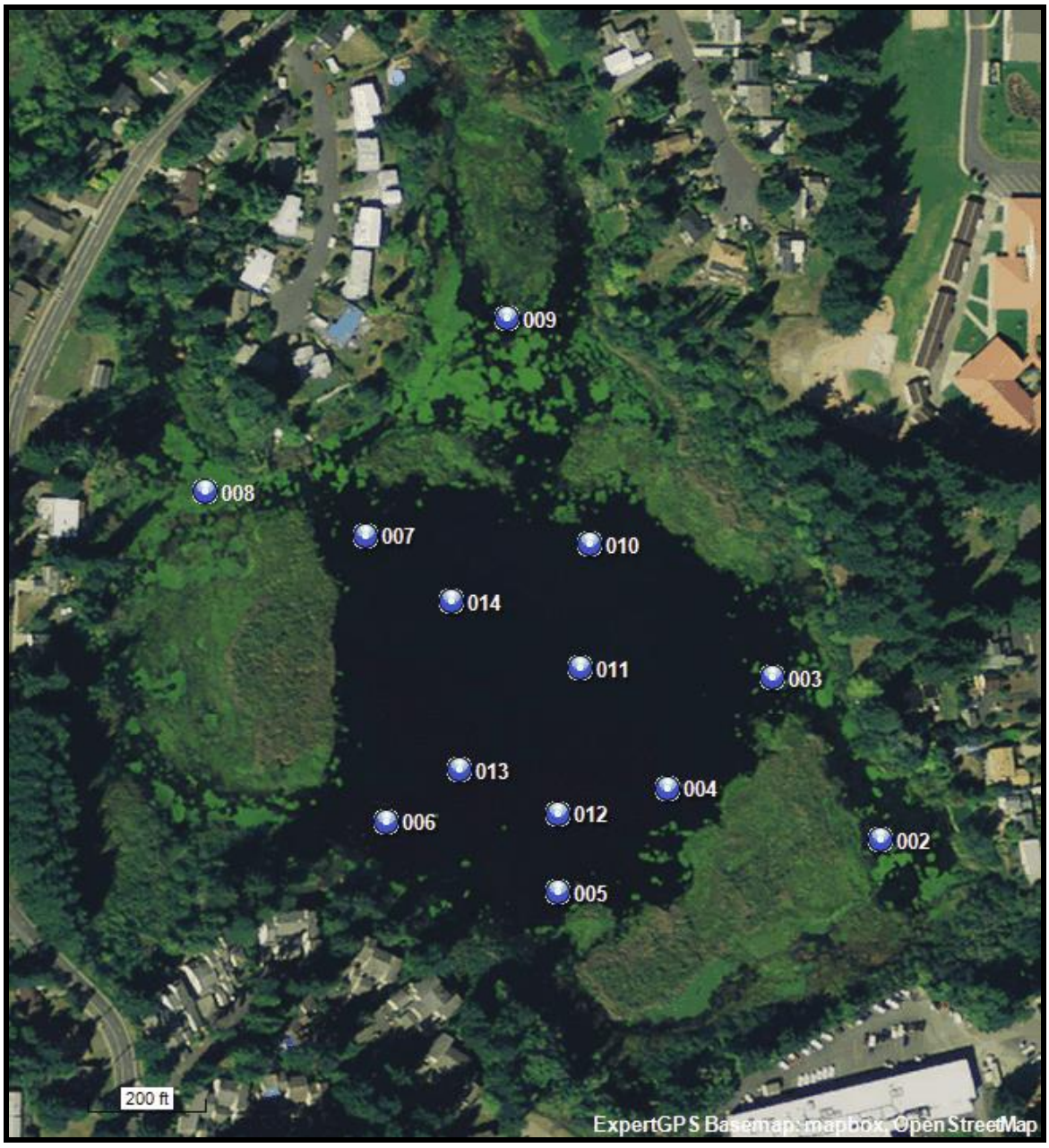
June 2022 Survey Tracks

NWAE had only one successful drone survey of the lake performed on Oct 3, 2021. Although an earlier spring survey was performed, the data was processed later in the year and the file was found to be corrupt. These drone surveys establish a clear visual interpretation of lake conditions at the time of the aerial survey. Pre-treatment pictures/video are typically evaluated against post treatment aerials taken at the end of the season.

GPS Grab Sample GPS Coordinates

During the survey, 13 sampling data points were collected at the same locations as noted during 2021. Grab samples were collected and recorded. Previously stored data points were uploaded and observed on the onboard chart recording screen. The survey boat is directed to each data point for sampling. Our 2021 survey identified only one site (003) supporting bladderwort growth while the remaining sites exhibited no weed nitella growth. Four sites exhibited the presence of nitella.

2022 results identified ten sites containing bladderwort, four sites containing pondweeds and three sites containing coontail. Much of the lake bottom was supporting nitella growth similar to the 2021 survey. This species is typically associated with post fluridone treatments. Nitella looks similar to aquatic macrophytes but is an algae species. When trying to identify aquatic plants many residents misidentify this species as a plant simply because of its physical and growth characteristics. Nitella seldom creates water related recreational issues.



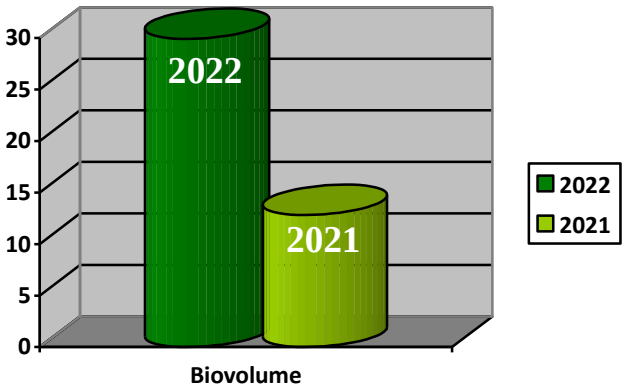
Data Point	Lat	Long	2021 Species	2022 Species
002	N47 00.185’	W122 54.814’	NO	BL, NI, P
003	N47 00.230’	W122 54.858’	BL, NI	BL, NI, P, C
004	N47 00.199’	W122 54.900’	NO, NI	BL
005	N47 00.171’	W122 54.945’	NO	BL, NI, P
006	N47 00.190’	W122 54.014’	NO, NI	NO
007	N47 00.269’	W122 54.023’	NO, NI	BL, P, C, NI
008	N47 00.282’	W122 54.088’	NO	BL, NI
009	N47 00.330’	W122 54.965’	NO	NO
010	N47 00.267’	W122 54.932’	NO	BL, NI

011	N47 00.233’	W122 54.936’	NO	NI
012	N47 00.192’	W122 54.945’	NO	BL, NI
013	N47 00.205	W122 54.984’	NO	NO
014	N47 00.251	W122 54.987’	NO	BL, C

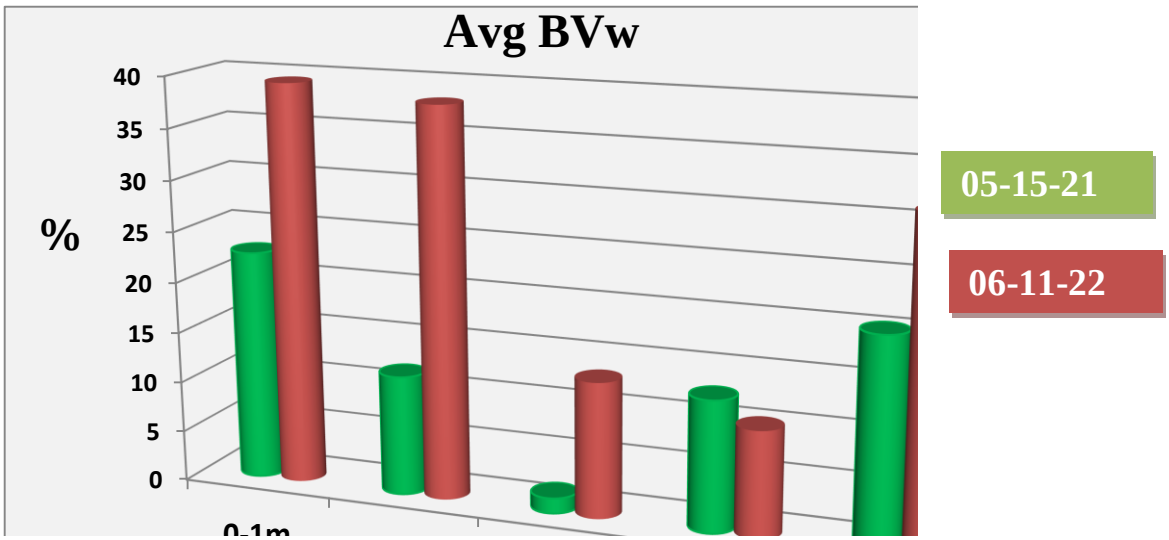
Grab Sample Point Dictionary

NO - No Macrophytes present, algae not included
BL – Bladderwort
P – Pondweed
C - Coontail
NI - Nitella

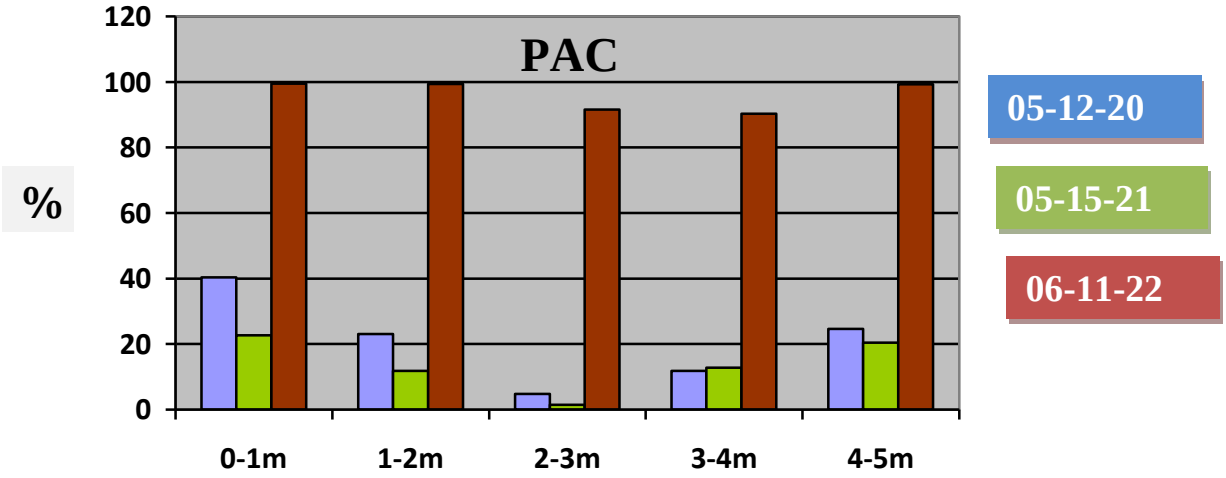
In evaluating all of the data utilizing a grid format (considered within the industry to be the most accurate summary of a surveyed area) and a plant bio volume matrix, the following volumes were noted. Plant biovolume is the percentage of plant biomass taken up in the water column by vegetation when plants exist. When no plants are noted a zero is added into the calculations. The complete 2022 survey identified that 29.9% of the surveyed water column supported plant growth in comparison to 12.8% in 2021.

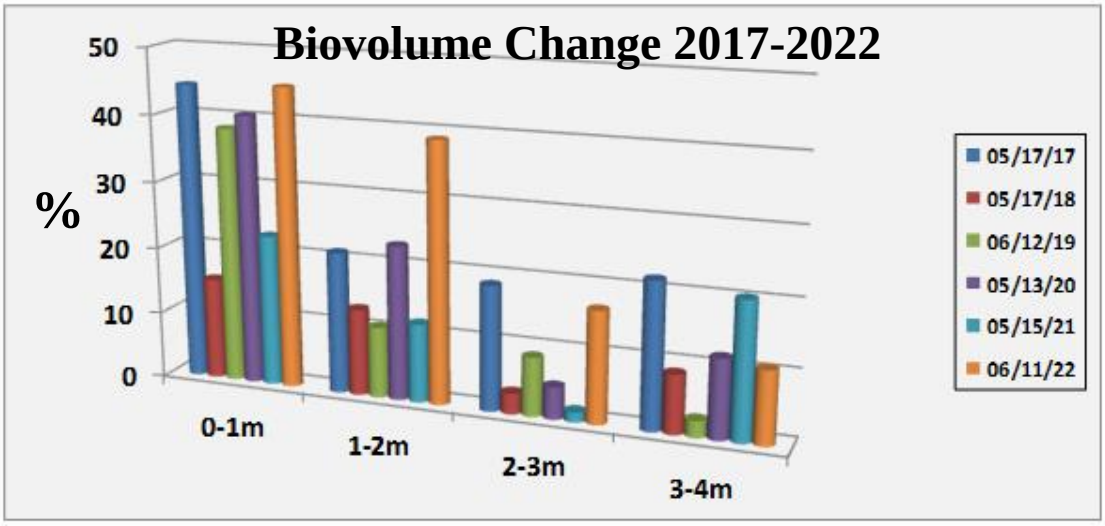


One can further fine tune the analysis and determine bio volumes at one meter intervals.



PAC
Percent Area Covered: Refers to the overall surface area that has vegetation growing





Historical data associated with biovolumes, densities and bottom coverages has been catalogued since 2014. Typically much of the shallow lake sediments that are exposed during the late summer typically support varying densities of emergent, floating and submerged species. Mid basin growth through the years has fluctuated and is associated with the treatment schedule. One would expect that the longer lag time between treatment would result in denser weed growth. Bladderwort is a free floating plant that resides dormant on the lake bottom in small ball like configurations. These free floating masses drift along the lake bottom and eventually become loosely attached to the bottom. Plants landlocked within the wetland areas as the water level declines stay viable. As the basin recharges and the wetlands are now inundated with water these plants now are capable of floating throughout the entire lake.

Pre-Treatment Residential Notice

Notices were mailed to all of the property owners within the lake management district from a mailing list provided by the City of Tumwater. The notice identified the materials to be used and the approximate time-frame when spraying would occur. Mailings were delivered on or about May 4, 2022. An updated mailing list should be made available for the 2023 treatment year.

6-13-2022 Lily Pad Application

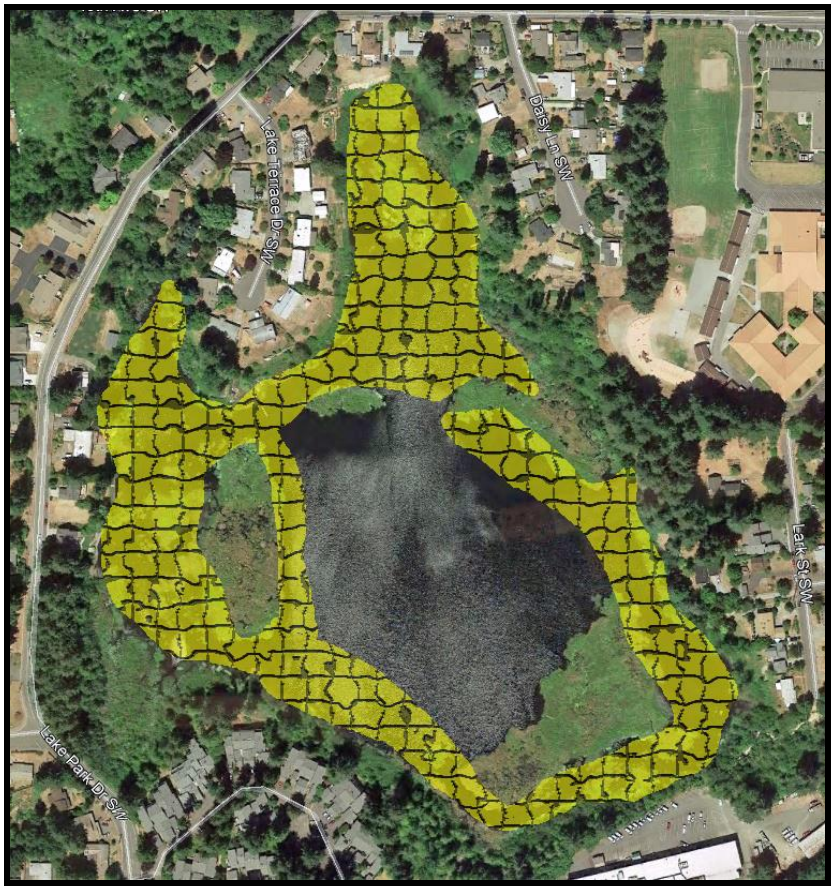
An initial lily pad application was conducted on 6-13-22. This application targeted floating lily pads, brasenia and yellow flag iris. Prior to treatment, shoreline residents were notified of the pending treatment. Notices were hand delivered to each parcel abutting the lake.

Triclopyr and adjuvant was applied to the lake shoreline at a 1% tank solution. In addition to the herbicide, a spray adjuvant was added to the mixture. Spray adjuvants are wetting agent activators that allow for better penetration of the herbicide into the plants'

leaf structures. Spraying was accomplished using a 16 foot Airgator airboat. The application boat was equipped with two 25-gallon spray tanks. Once the herbicide, adjuvant and water were mixed, the boat traveled along the shoreline spraying all infestations noted that were within range of the application equipment.

6-18-2022 Submersed Weed & Lily Pad Application

As a result of the 6-13-22 site visit it was determined that submersed weed control was necessary. Bladderwort was observed floating/flowering along most of the shoreline areas with moderate densities observed between the shorelines and floating islands. The area was visually surveyed and the following treatment map was developed.



Fifteen acres of the lake basin were targeted consisting of complete shoreline coverage. The main basin was not targeted but was expected to receive partial treatment associated with herbicide drift.

Prior to treatment, the residents were hand-delivered notice informing them of the pending treatment. A private residential property was used to stage the event. This was the same site utilized since treatments began a few years ago. Material (diquat) was offloaded from a truck and transferred into a 25-gallon holding tank within the application boat. Once full, the boat operator and applicator proceeded to disperse the material. Lake water was drawn into the boat where a venturi injection configuration

metered the herbicide into the pumping system. Once the herbicide and lake water were mixed, the resulting combination was then injected back down into the water utilizing weighted hoses. The spray mixture was injected approximately one foot below the surface.

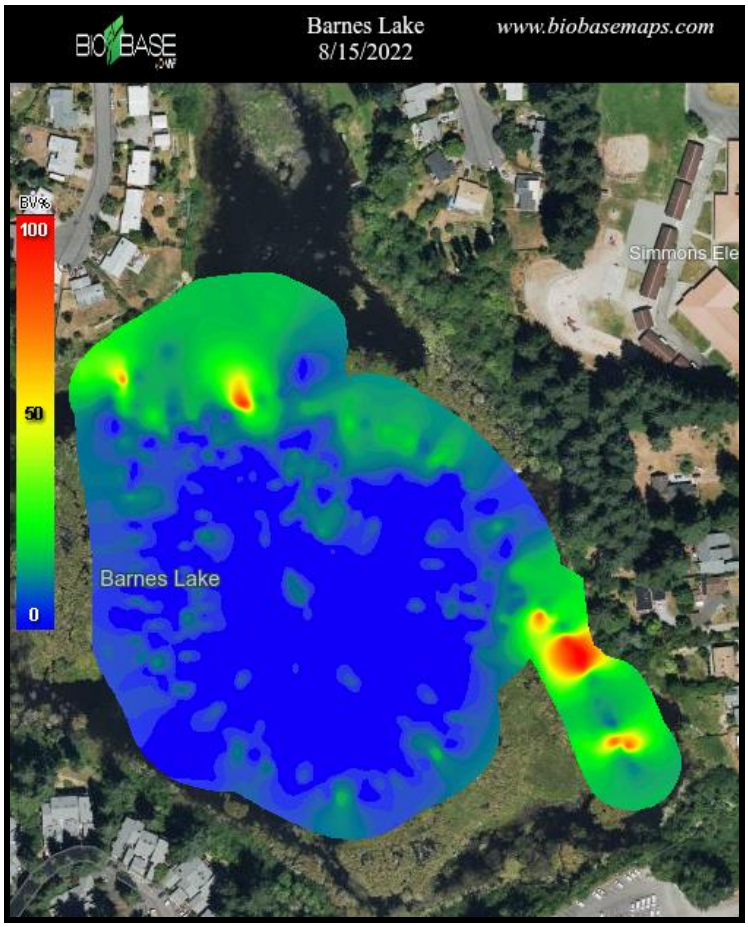
At the conclusion of the submersed weed control, a secondary spraying of the lily pads was conducted. This application targeted those plants that were missed during the 6-13-2022 application.

8-15-2022 Lily Pad Application

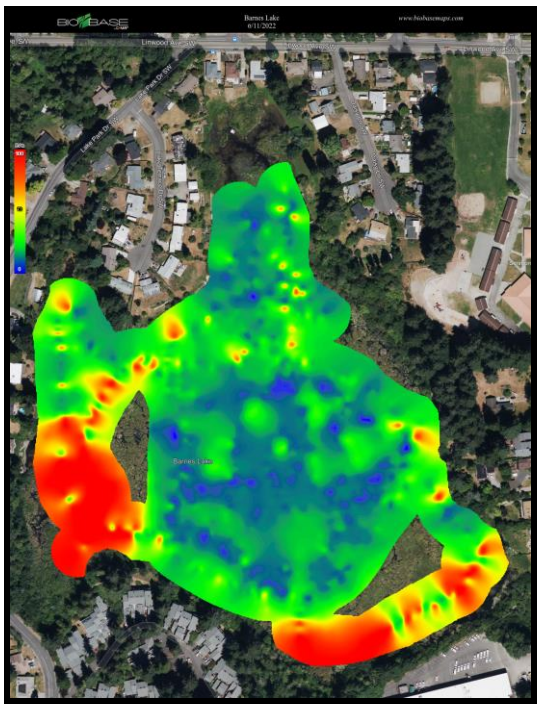
A third and final lily pad spraying event occurred on 8-15-2022. Triclopyr was applied once again in the same manner as prior applications. Because of the low water level it was determined that this would be the final application of the year.

8-15-2022 Fall Survey

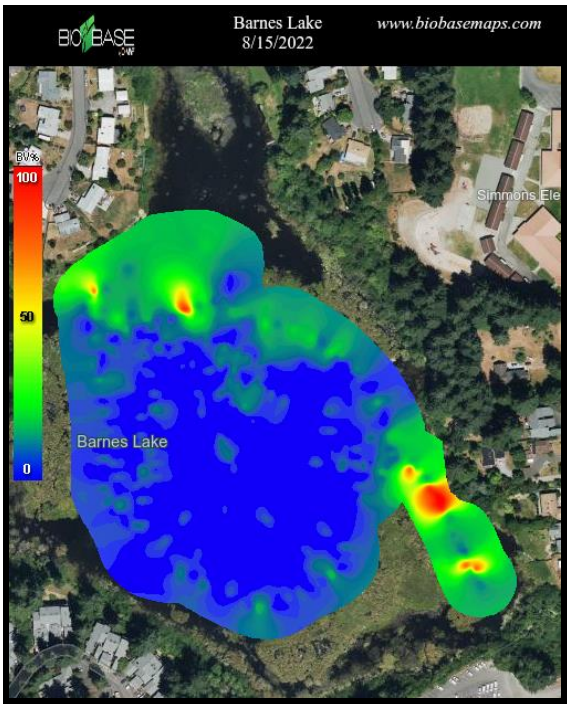
The fall survey was conducted according to the same standards as the early spring survey. Due to the low water level, access to the entire lake basin was limited. The fall survey consisted of data collected from the main basin only.



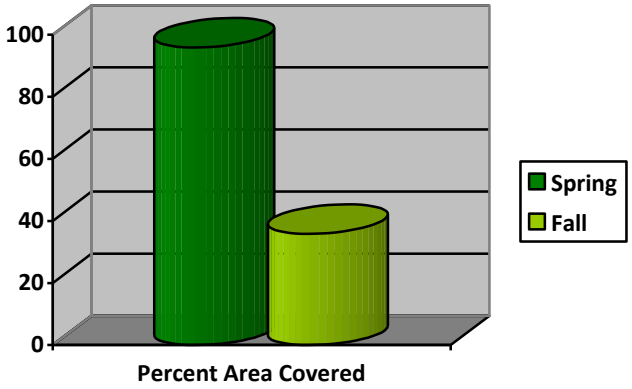
Fall Survey 8-15-22

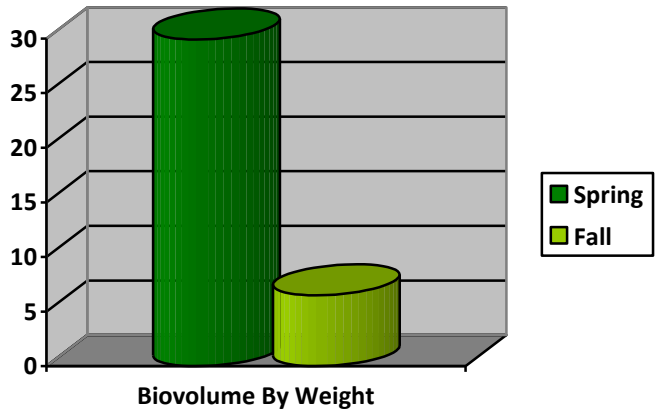


Spring Survey 2022



Fall Survey 2022





Drone Survey 06-26-2022

An aerial survey of Barnes Lake was conducted on June 26, 2022. Imagery was collected from two shoreline locations. Video can be viewed at : https://youtu.be/07Keumo4HjY

Recommendations for 2023

The success of the diquat treatment this year has provided the LMD with another tool for controlling bladderwort. Issues with water level and the timing of fluridone booster applications vary on a year to year basis. Our 2020 fluridone treatment was unable to provide the required timeline and water level to successfully deliver the long term control as expected. Costs associated with diquat use are considerably less than fluridone. However, the longevity of control associated with diquat use at Barnes Lake has not yet been determined. Other projects where diquat has been utilized for bladderwort control had lasted three years. We anticipate no bladderwort issues that would warrant spot treatments for the upcoming 2023 season. However, minor lily pad and pondweed control will likely be required.

Our program on the lake continues to evolve as new issues may develop. Pondweed control, if necessary, will be accomplished with the use of Aquathol K or diquat depending on the presence of bladderwort. There are no label restrictions associated with swimming or fishing. Both products require minor irrigation use restrictions. Herbicide costs continue to increase and will impact project budgetary issues.

1. Continue early and late seasonal drone surveys of the lake. Conduct one early (late May) seasonal electronic and bottom sampling lake event. If water level provides access, an additional electronic survey and bottom sampling event should be conducted.
2. Problematic small access issues associated with pondweed growth may surface during 2023. What, if any action taken will be determined by the LMD. Typically once growth exceeds the LMD's threshold levels, treatments are authorized. Control if necessary would be performed utilizing an Aquathol K/diquat tank mix. Costs would range between $910.00 and $1,200.00 per treated acre.

3. Continue use of triclopyr and imazapyr in the control of lily pads and yellow flag iris. Spring and possible late summer applications should be scheduled.

4. Program essentials consist of planned applications when bladderwort densities impede lake use. Threshold levels that determine treatment are under the discretion of the LMD with recommendations being provided by the consultant. It is anticipated that such treatments will be required on a three to five year basis.

5. Diquat use during 2022 proved to be very effective in controlling both pondweed and bladderwort species. Efficacy and cost of any fluridone applications should be evaluated in relation to the cost and efficacy of the 2022 diquat application.

Untreated fluridone bladderwort, as water levels decline, may refloat during the winter months as once exposed muck bogs are now submerged.

5. Modification to the current launch site has been initiated. The only remaining component will be the need to spread some additional gravel at the lake shoreline interface.

6. Barnes Lake continues to be in a management maintenance mode requiring limited treatment.

7. Wetland preservation needs to be considered a top management priority. Recently it was determined that one acre of wetland removes 13 pounds of phosphorous per year. Barnes Lake contains approximately 5 acres of wetlands. It would be an interesting analysis to factor in an additional 65 pounds of phosphorous into the current nutrient levels of the lake.

Budget 2023

Funding for the 2023 program will require increases in associated labor related services and materials. Increases will not be as drastic as experienced in 2022 but will be necessary. Pricing continues to change quarterly.

2022 NPDES permit fee		$ 725.00
Insurance		$ 700.00
Spring Electronic Bottom Survey		$ 2,000.00
Fall Electronic Bottom Survey		$ 2,000.00
Aerial Survey (2)		$ 1,200.00
Pre Treatment Mailing		$ 175.00
Shoreline Posting Day of Treatment		$ 210.00
Mobilization		$ 500.00
Imazapyr 1 gal	@	$ 185.00
Triclopyr 1 gal	@	$ 160.00
Aquathol K 1 gal	@	$ 95.00
Airboat Operator		$ 110.00/hr.
Technician		$ 75.00/hr.
Year End Report @ $90.00/hr.		$ 630.00

COSTS ASSOCIATED WITH ONE DAY ON THE LAKE

Mobilization		$ 500.00
Airboat Operator	8 @ $110.00	$ 880.00
Technician	8 @ $75.00	$ 600.00

State of Washington
Department of Agriculture
Olympia, Washington 98504

PESTICIDE APPLICATION RECORD (Version 3)
NOTE: This form must be completed same day as the application and it must be retained for 7 years. (Ref. RCW 17.21)

3. Date of Application-Year: 2022 **Month:** June **Date:** 11 **Time:** 09:30

2. Name of person for whom the pesticide was applied: Barnes Lake Improvement District, City of Tumwater
Firm Name (if applicable):
Street Address: 555 Israel Road **City:** Tumwater 98512

3. Licensed Applicator's Name (if different from #2 above): Douglas Dorling
Firm Name): Northwest Aquatic Eco-Systems
4426 Bush Mountain Drive SW.
Olympia, WA. 98512
360-357-3285
License # 375

4. Name of person who applied the pesticide (if different than #3 above):

License No(s). if applicable:

5. Application Crop or Site: Barnes Lake

6. Total Area Treated (acre, sq. ft., etc.): 2 acre

7. Was this application made as a result of a WSDA Permit ? No

8. Pesticide information (please list all information for each pesticide in the tank mix):

a) Product Name Pesticide Applied	b) EPA Reg. No.	c) Total Amount of Pesticide Applied in Area Treated	d) Pesticide Applied/Acre	e) Concentration Applied ppm or other measure)
Triclopyr	70506-176	2 gal		1.0 %

9. Address or exact location of application NOTE: If the application made to one acre or more of Agricultural land, the field location must also be shown on the map on page two of this form. Barnes :Lake Tumwater, WA. 98512, WA 98512

10. Date: 6-11-22 **11. Name of person making application:** Douglas Dorling

12. License No: 375 **13. Apparatus License. Plate No.:** G424

14. Start: 9:30 **Stop:** 2:30

15. Acres completed : 2

16. Wind Direction: SW **Wind Velocity:** 0-5

17. Temperature: 74

Location of Application (If the application covers more than one township or range, please indicate the township & range for the top left section of the map only):
Township: T18N
Range: E OR W (please indicate) 02W

Section(s): 34
County: Thurston

PLEASE NOTE:
The map is divided into 4 sections with each section divided into quarter-quarter sections. Please complete it by marking the appropriate section number(s) on the map and indicate as accurately as possible the location of the area treated.

State of Washington
Department of Agriculture
Olympia, Washington 98504

PESTICIDE APPLICATION RECORD (Version 3)
NOTE: This form must be completed same day as the application and it must be retained for 7 years. (Ref. RCW 17.21)

3. Date of Application-Year: 2022 Month: June Date: 13 Time: 10:00

2. Name of person for whom the pesticide was applied: Barnes Lake Improvement District, City of Tumwater
Firm Name (if applicable):
Street Address: 555 Israel Road City: Tumwater 98512

3. Licensed Applicator's Name (if different from #2 above): Douglas Dorling
Firm Name): Northwest Aquatic Eco-Systems
4426 Bush Mountain Drive SW.
Olympia, WA. 98512
360-357-3285
License # 375

4. Name of person who applied the pesticide (if different than #3 above):

License No(s). if applicable:

5. Application Crop or Site: Barnes Lake

6. Total Area Treated (acre, sq. ft., etc.): 15 acres

7. Was this application made as a result of a WSDA Permit ? No

8. Pesticide information (please list all information for each pesticide in the tank mix):

a) Product Name Pesticide Applied	b) EPA Reg. No.	c) Total Amount of Pesticide Applied in Area Treated	d) Pesticide Applied/Acre	e) Concentration Applied ppm or other measure)
Diquat	100-1390	30 gal	2 gal/surface acre	

9. Address or exact location of application NOTE: If the application made to one acre or more of Agricultural land, the field location must also be shown on the map on page two of this form. Barnes :Lake Tumwater, WA. 98512, WA 98512

10. Date: 6-13-22 11. Name of person making application: Douglas Dorling

12. License No: 375 **13. Apparatus License. Plate No.: G424**

14. Start: 10:00 **Stop: 5:30**

15. Acres completed : 15

16. Wind Direction: SW **Wind Velocity: 0-5**

17. Temperature: 76

Location of Application (If the application covers more than one township or range, please indicate the township & range for the top left section of the map only):
Township: T18N
Range: E OR W (please indicate) 02W

Section(s): 34
County: Thurston

PLEASE NOTE:
The map is divided into 4 sections with each section divided into quarter-quarter sections. Please complete it by marking the appropriate section number(s) on the map and indicate as accurately as possible the location of the area treated.

State of Washington
Department of Agriculture
Olympia, Washington 98504

PESTICIDE APPLICATION RECORD (Version 3)
NOTE: This form must be completed same day as the application and it must be retained for 7 years. (Ref. RCW 17.21)

1. Date of Application-Year: 2022 Month: June Date: 13 Time: 10:00

2. Name of person for whom the pesticide was applied: Barnes Lake Improvement District, City of Tumwater
Firm Name (if applicable):
Street Address: 555 Israel Road City: Tumwater 98512

3. Licensed Applicator's Name (if different from #2 above): Douglas Dorling
Firm Name): Northwest Aquatic Eco-Systems
4426 Bush Mountain Drive SW.
Olympia, WA. 98512
360-357-3285
License # 375

4. Name of person who applied the pesticide (if different than #3 above):

License No(s). if applicable:

5. Application Crop or Site: Barnes Lake

6. Total Area Treated (acre, sq. ft., etc.): .25 acres

7. Was this application made as a result of a WSDA Permit ? No

8. Pesticide information (please list all information for each pesticide in the tank mix):

a) Product Name Pesticide Applied	b) EPA Reg. No.	c) Total Amount of Pesticide Applied in Area Treated	d) Pesticide Applied/Acre	e) Concentration Applied ppm or other measure)
Triclopyr	81927-13	.5 gal		1%

9. Address or exact location of application NOTE: If the application made to one acre or more of Agricultural land, the field location must also be shown on the map on page two of this form. Barnes :Lake Tumwater, WA. 98512, WA 98512

10. Date: 6-13-22 **11. Name of person making application: Douglas Dorling**

12. License No: 375 **13. Apparatus License. Plate No.: G424**

14. Start: 10:00 **Stop: 5:30**

15. Acres completed : .25

16. Wind Direction: SW **Wind Velocity: 0-5**

17. Temperature: 76

Location of Application (If the application covers more than one township or range, please indicate the township & range for the top left section of the map only):
Township: T18N
Range: E OR W (please indicate) 02W

Section(s): 34
County: Thurston

PLEASE NOTE:
The map is divided into 4 sections with each section divided into quarter-quarter sections. Please complete it by marking the appropriate section number(s) on the map and indicate as accurately as possible the location of the area treated.

State of Washington
Department of Agriculture
Olympia, Washington 98504

PESTICIDE APPLICATION RECORD (Version 3)
NOTE: This form must be completed same day as the application and it must be retained for 7 years. (Ref. RCW 17.21)

1. Date of Application-Year: 2022 Month: August Date: 15 Time: 9:00

2. Name of person for whom the pesticide was applied: Barnes Lake Improvement District, City of Tumwater
Firm Name (if applicable):
Street Address: 555 Israel Road City: Tumwater 98512

3. Licensed Applicator's Name (if different from #2 above): Douglas Dorling
Firm Name): Northwest Aquatic Eco-Systems
4426 Bush Mountain Drive SW.
Olympia, WA. 98512
360-357-3285
License # 375

4. Name of person who applied the pesticide (if different than #3 above):

License No(s). if applicable:

5. Application Crop or Site: Barnes Lake

6. Total Area Treated (acre, sq. ft., etc.): 2 acres

7. Was this application made as a result of a WSDA Permit ? No

8. Pesticide information (please list all information for each pesticide in the tank mix):

a) Product Name Pesticide Applied	b) EPA Reg. No.	c) Total Amount of Pesticide Applied in Area Treated	d) Pesticide Applied/Acre	e) Concentration Applied ppm or other measure)
Triclopyr	81927-13	2 gal		1%

9. Address or exact location of application NOTE: If the application made to one acre or more of Agricultural land, the field location must also be shown on the map on page two of this form. Barnes :Lake Tumwater, WA. 98512, WA 98512

10. Date: 6-13-22 11. Name of person making application: Douglas Dorling

12. License No: 375 **13. Apparatus License. Plate No.: G424**

14. Start: 9:00 **Stop: 3:30**

15. Acres completed : 2

16. Wind Direction: SW **Wind Velocity: 0-5**

17. Temperature: 78

Location of Application (If the application covers more than one township or range, please indicate the township & range for the top left section of the map only):
Township: T18N
Range: E OR W (please indicate) 02W

Section(s): 34
County: Thurston

PLEASE NOTE:
The map is divided into 4 sections with each section divided into quarter-quarter sections. Please complete it by marking the appropriate section number(s) on the map and indicate as accurately as possible the location of the area treated.

Herbicide Treatment
Business and Residential Notice

In Treatment Area Yes In 1/4 Mile Notification Area Yes
Project site is located adjacent to Lake Terrace Drive SW

Distribution Date: 05-04-22 Barnes Lake will be treated with herbicides to control non-native pondweeds, lily pads and shoreline emergent vegetation from May 20 through July 30 as required. Treatment dates are dependent on lake water levels and the ability to access the lake. Targeted treatment dates will be May 25 through June 25. A secondary application may be applied later in the season depending on our ability to access the lake. Notices of applications will be hand delivered to each property owner no longer than 48 hours prior to treatment. Notices will state any water use restrictions or advisories. **Product(s) planned for use: Diquat—diquat dibromide**
Imazapyr (shoreline plant & iris control)
Aquathol K- dipotassium salt of endothall, Triclopyr—triclopyr

Location of Treatment(s): Lily pad control will take place anywhere throughout the lake. Shoreline emergent plant control will only occur at residential properties abutting the lake who have agreed to the treatment. Pondweed control will be limited if required to a few acres. The lake proper is adjacent to Daisy Lane SW. Tumwater. If you are withdrawing water for potable or domestic water use, livestock watering, or irrigation, and have no alternate water source, please contact the applicator Northwest Aquatic Eco-Systems at 360-357-3285 or pondweeds@comcast.net to arrange an alternate water supply.

If you would like to request additional notification prior to treatment, or have further questions, please contact Northwest Aquatic Eco-Systems using the information above.

This herbicide treatment is regulated under a permit (NPDES) issued by the Washington State Department of Ecology. **Permit # WAG 994137**

EXHIBIT A

2022-2023 Scope of Work

City of Tumwater & Barnes Lake Management District

Vegetation Management & Control Program

Northwest Aquatic Eco-Systems
855 Trosper Road SW 108 -#313
Tumwater, WA 98512
360-357-3285

Introduction

The program presented herein by Northwest Aquatic Eco-Systems (NWAES) represents the most up to date methods for aquatic plant control associated with nuisance vegetation. The key elements of this program include the following:

- Aquatic Vegetation Survey & Mapping
- Drone Video Survey
- Vegetation Treatment
- Debris Removal Project Planning, Permitting & Implementation
- Reporting

Additional work, as either requested by individual members of the Barnes Lake Management District (LMD) or by the City of Tumwater (CITY), shall be invoiced per the costs and terms outlined herein. This scope of work expires on January 31, 2024.

NWAES is not a registered agent for any materials that have been selected to treat nuisance vegetation.

Aquatic Vegetation Survey & Mapping

This task includes both field sampling and digital vegetation surveys and mapping.

Field Sampling

The spring 2022 survey will incorporate the same protocol and equipment utilized during past surveys. Survey locations will first be established at various locations throughout the lake. At each point a rake will be dragged across the lake bottom and all plants collected on the rake will be identified and documented. Additional surveys will be conducted at these same locations to help the LMD understand trends in the macrophyte composition. A shift in the composition may prompt additional control activities.

Digital Vegetation Survey & Mapping

During the field sampling component described above, NWAES will employ sonar technology and BioBase software to generate the following:

- Weed density map
- Bathymetric contours map
- Sediment composition map

- Vegetative report identifying weed density at different depths

Sonar transects will be spaced approximately 50 feet apart to ensure accurate mapping. Maps produced will be similar in terms of extent and appearance to maps generated in previous years. Spatial data (compatible with ArcGIS) resulting from the surveys will be made available to the city. Optimum performance from the sonar logs occurs in water depths three feet and greater. For this reason, surveys should be performed during high water when the greatest lake access is available.

Digital surveys will be complete by June 30th each year. Digital maps and hard copies will be provided to the CITY no later than July 31st to ensure data is available for other LMD uses.

Drone Video Survey

The most efficient way to evaluate the long term progress of this project is through a video survey. A video survey of the lake will be conducted, via drone, a minimum of two times annually– once generally between mid-May and mid-June, and before chemical treatments (if any) are applied, and once following all applications in early October or when best determined by professional judgement to demonstrate results of the treatment or seasonal progression. NWAES will make the appropriate arrangements to complete this task and present results to the CITY and LMD.

Vegetation Treatment

2022 will be the second year following the 2020 lake-wide fluridone application. It is anticipated that only limited spraying will be required. One shoreline spraying for residual floating plants along residential shoreline areas is scheduled. This application will consist of a 1% solution of imazapyr, applied during late June or early July just prior to the time when boat access is no longer available. No submersed weed control is anticipated for 2022.

2023 will be the third year following the 2020 fluridone application. Once again a mid-season floating plant spray similar to the 2022 campaign likely will need to occur. The goal is to target limited minor infestations in an effort to avoid explosive growth noted during the 2020 season. 2023 may also produce isolated areas of submersed weed growth resulting from seeds deposited into the lake via waterfowl. Not all areas of the lake would be targeted just those that hinder access out into the main water body. Aquathol K may be applied at a 3.0 ppm rate to address submersed weed growth as necessary. Costs associated with floating plant control would be similar to the 2022 expenses noted above. Material costs for submersed weed control with Aquathol K, $700.00/acre.

Reporting

Following each treatment season, a draft final report (1 copy) will be submitted to the CITY for review by the CITY and the LMD. The draft will be received by **November 30** each year and shall summarize each year's program. The draft final report shall address the following elements:

- Detailed maps reflecting treatment activities and locations.
- Detailed description of the equipment and methods used for all treatment activities.
- Estimated acres of each type of aquatic weed removed.
- Estimated acres of each type of aquatic weed undergoing herbicide treatment.
- An estimate of the total percentage of the lake bed covered by native aquatic vegetation.
- A copy of the NPDES permit, copies of public notification and notification dates, and Pesticide Application Records.

- A summary of the current vegetation management program and recommendations for management actions in future years.

The CITY and LMD will return comments following review by the LMD Steering Committee. NWAES will incorporate comments, if any, and provide three (3) bound copies of the final report to the CITY by **December 31** of each year.

As-Needed Shoreline Treatment

Thanks to the effectiveness of the past Fluridone treatment there are no specific lake-wide vegetation treatments prescribed for this contract; the next anticipated application of Fluridone is 2024. However, the LMD is prepared to engage NWAES in as-needed shoreline treatments. The costs for one day of submersed vs. emergent weed control activities are shown below. The feasibility of these treatments are dependent on lake water levels and accessibility. The CITY and LMD reserve the right to modify the type and quantity of vegetation treatments to ensure funds exist to achieve higher priority goals for lake management.

Treatments will be conducted by a Washington Department of Ecology (DOE) licensed applicator using equipment licensed by the Washington State Department of Agriculture. All equipment will be "sea-worthy" meeting all of the standards established for boating vehicles. A CITY and/or LMD representative is encouraged to monitor the treatment and confirm that appropriate equipment and materials are being utilized at the site.

NWAES will coordinate treatment dates with the CITY to minimize any potential disturbance to the surrounding residents or use of the waterbody and to ensure all residents receive proper notification. NWAES will complete all public notification as required by CITYs Aquatic Vegetation Management Permit, issued by DOE.

Aquatic weed control is a biological science that produces variable results. When dealing with noxious species eradication is often difficult to quantify results due to the possibility of re-introduction of the targeted plant back into the system while treatments are not conducted.

NWAES will guarantee that all treatment dates as specified and transmitted to the local residents will be met. NWAES will forfeit to the LMD/CITY $500.00 per missed treatment event or reporting deadline.

NWAES shall submit invoices for services regularly – no more frequently than once per month. All invoices for the calendar year shall be submitted no later than December 31.

Schedule of Costs

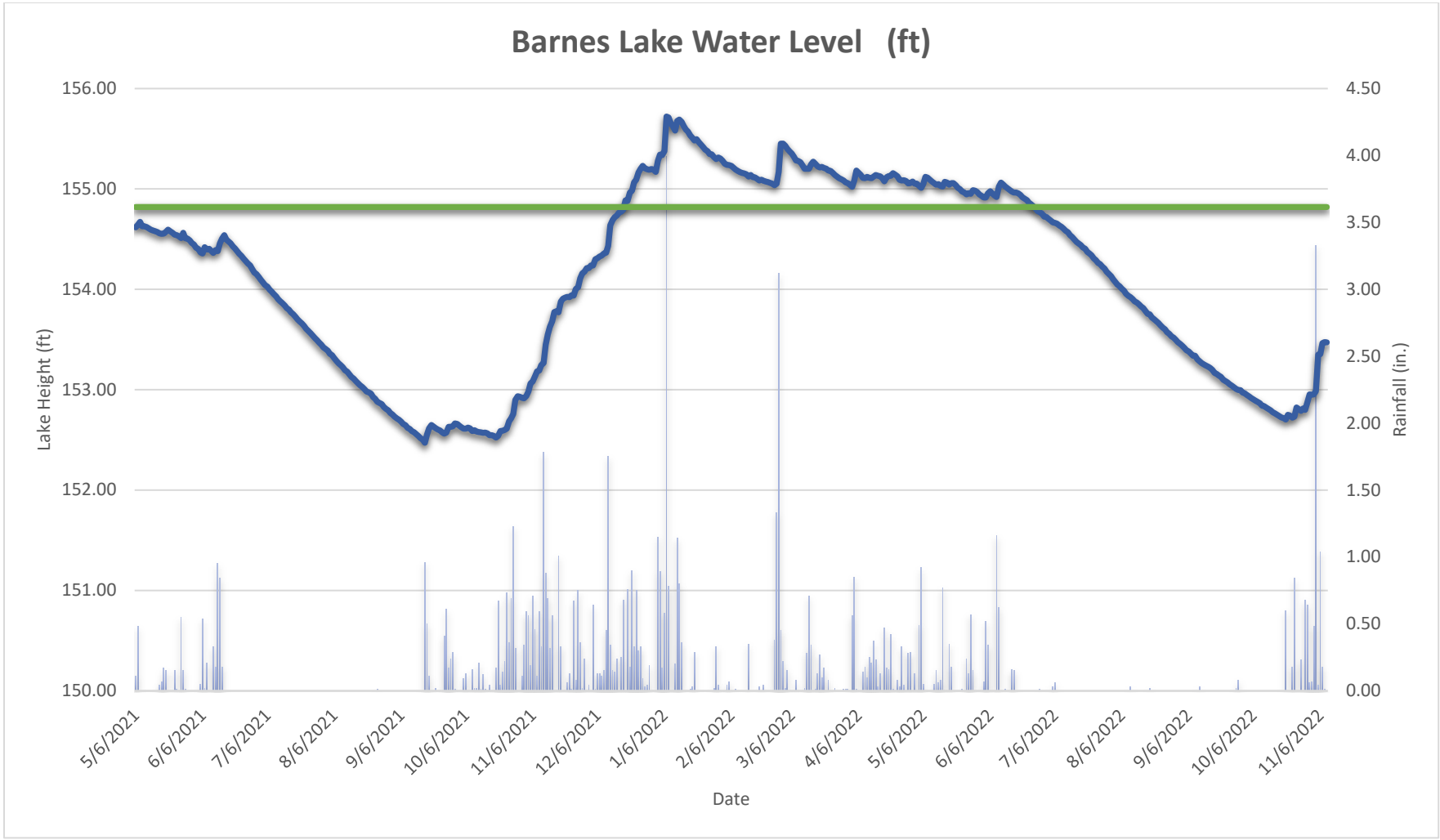
Please note: Given the potential for changing field conditions at Barnes Lake, the project must be considered as one that will evolve according to conditions experienced during any specific treatment year. Budget maximums for the project shall not be exceeded.

MANAGEMENT SERVICES	2022	2023	TOTAL PROJECT COSTS
Aquatic Veg. Survey & Mapping	$4,000.00	$4,000.00	$8,000.00
Admin Services (public notification, drone video survey, reporting, insurance, boat removal, and boat cleanup)	$2,420.00	$2,445.00	$4,865.00
Launch Upgrade	$3,000.00		$3,000.00

TREATMENT SERVICES	2021	2022	TOTAL PROJECT COSTS
Submersed Weed Control, 1-day (10 hr)	-	-	-
Labor	$1,750.00	$1,850.00	$3,600.00
Materials	$2,500.00	$2,700.00	$5,200.99
Site Mobilization	$500.00	$500.00	$1,000.00
Emergent Weed Control, 1-day (10 hr)	-	-	
Labor	$1,750.00	$1,850.00	$3,600.00
Materials	$500.00	$500.00	$1,00.00
Site Mobilization	$500.00	$500.00	$1,00.00
Sub-Total	*$16,920.00*	*$14,345.00*	*$31265.00*
Management Reserve	*$2,000.00*	*$2,000.00*	*$4,000.00*
TOTAL Contract Amount	***$18,920.00***	***$16,345.00***	***$38,265.00***

Itemized Costs:		
Insurance	$675.00	$700.00
Spring Electronic Bottom Survey	$2,000.00	$2,000.00
Fall Electronic Bottom Survey	$2,000.00	$2,000.00
Aerial Survey (2)	$1,000.00	$1,000.00
Pre Treatment Mailing	$175.00	$175.00
Shoreline Posting Day of Treatment	$210.00	$210.00
Mobilization	$500.00	$500.00
Imazapyr 1 gal @	$175.00	$185.00
Aquathol K gal	$95.00	$100.00
Triclopyr gal	$150.00	$150.00
Aquathol K granular lb	$27.00	$28.00
Diquat gal	$75.00	$80.00
Airboat Operator hr.	$100.00	$105.00
Technician	$75.00	$80.00
Year End Report @ $90.00/hr.	$90.00	$90.00

If submersed weeds are treated at the same time the floating plants are sprayed then cost would be reduced since equipment would already be present on site.


Barnes Lake Water Level (ft)
156.00
155.00
154.00
153.00
152.00
151.00
150.00
Lake Height (ft)
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4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Rainfall (in.)
5/6/2021
6/6/2021
7/6/2021
8/6/2021
9/6/2021
10/6/2021
11/6/2021
12/6/2021
1/6/2022
2/6/2022
3/6/2022
4/6/2022
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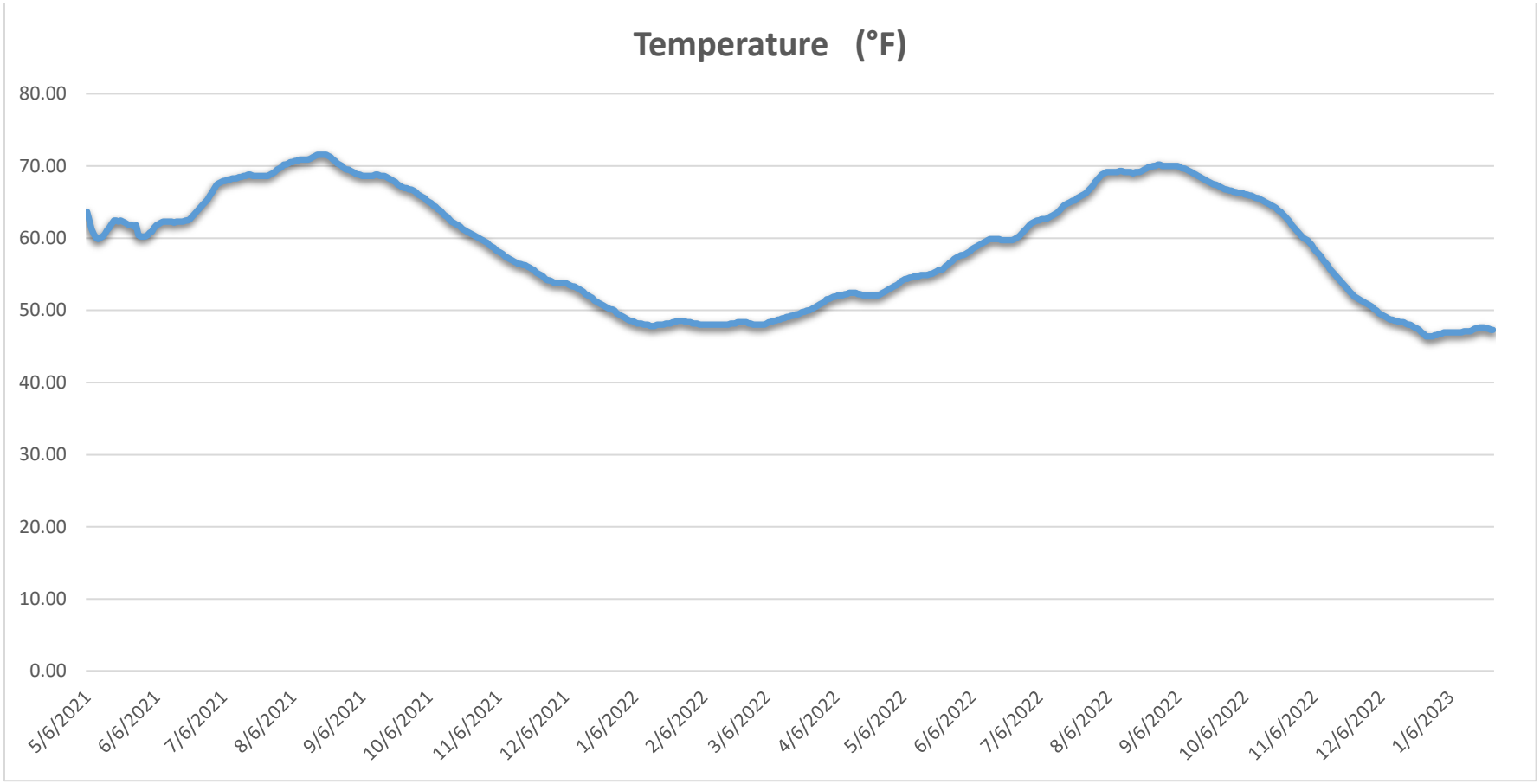
8/6/2022
9/6/2022
10/6/2022
11/6/2022
Date


Temperature (°F)
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70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
5/6/2021
6/6/2021
7/6/2021
8/6/2021
9/6/2021
10/6/2021
11/6/2021
12/6/2021
1/6/2022
2/6/2022
3/6/2022
4/6/2022
5/6/2022
6/6/2022
7/6/2022
8/6/2022
9/6/2022
10/6/2022
11/6/2022
12/6/2022
1/6/2023

Barnes Lake Management District – *2022 Work Plan*

For more information, visit: www.ci.tumwater.wa.us/BLMD.htm

The following tasks are outlined by month. Unforeseen circumstances may delay completion milestones.

January / February

1. ☒ *Review 2021 Treatment Summary Report and update IAVMP and work plan as needed*
2. ☒ *Submit 2022 Annual Work Plan & Operating Budget for Council review and approval*
3. ☒ *Prepare, review and distribute Member Outreach materials to be distributed in March*
4. ☐ ~~*Update and execute vegetation treatment contract for Northwest Aquatic Eco-Systems*~~
5. ☒ *Review SOP for volunteer monitoring program*

March / April

1. ☒ *Host listening session for LMD membership to discuss proposed fee increase*
2. ☒ *Distribute outreach materials to LMD members relating to 2022 work plan, budget, schedule, and 2021 Treatment Summary Report.*
3. ☒ *Update/acquire supplies for water quality monitoring program*
4. ☒ *Complete training of volunteers for summer water quality monitoring program*
5. ☐ ~~*Begin "Private Lake Treatment" opportunity outreach efforts*~~
6. ☒ *Conduct City Council reviews of proposed assessment increase.*
7. ☒ *Submit revised roll of rates and charges to Tumwater Finance Department, as needed*
8. ☒ *Communicate updates to finance for distribution of revised assessment letters.*

May / June

1. ☒ *Conduct chemical treatment(s) on lake if possible (dependent on growth & water levels)*
2. ☐ ~~*Contractor to provide floating mats to volunteer property owners for removal, as available.*~~
3. ☒ *Conduct aerial photo assessment of lake, as conditions permit*
4. ☒ *Review Steering Committee Appointments; announce vacancies as needed*
5. ☒ *Conduct May round of water quality monitoring*
6. ☒ *Conduct June round of water quality monitoring*

July / August

1. ☒ *Conduct shoreline treatment(s) on lake if possible (dependent on growth & water levels)*
2. ☒ *Conduct chemical treatment(s) on lake if possible (dependent on growth & water levels)*
3. ☐ ~~*Conduct July round of water quality monitoring (CANCELED)*~~
4. ☒ *Conduct August round of water quality monitoring*

September / October

1. ☐ *Conduct follow-up aerial photo assessment of lake, as conditions permit*
2. ☐ *Deliver "End-of-Season" update outreach materials for LMD Stakeholders via web and US Mail*
3. ☒ *Conduct September round of water quality monitoring*
4. ☐ ~~*Conduct final round of water quality monitoring (CANCELED)*~~
5. ☐ *Update water quality summary report with 2022 data*
6. ☐ *w permit compliance needs and requirements for 2023*
7. ☒ *Review budgetary needs for 2023*
8. ☒ *Steering Committee's Annual Lake "Walk About"*

November / December

1. ☒ *Develop 2023 work plan based on 2022 activities, LMD needs and available budget*
2. ☒ *Develop draft Operational budget for 2023*
3. ☒ *Finalize meeting schedule for 2023*
4. ☒ *Annual election of Steering Committee officers – Chair, Vice-Chair, Recorder*

Last Update: 1/25/2023

Barnes Lake Management District – *2023 Work Plan*

LMD Officers: ***Chair:*** ***Gary Bodeutsch*** ***Vice Chair:*** ***Linnea Madison*** ***Recorder:*** ***Dave Kangiser***

For more information, visit: www.ci.tumwater.wa.us/BLMD.htm

The following tasks are outlined by month. Unforeseen circumstances may delay completion milestones.

January / February (Meeting date: February 8)

1. ☐ *Review 2022 Treatment Summary Report and update IAVMP and work plan as needed*
2. ☐ *Submit 2023 Annual Work Plan & Operating Budget for Council review and approval*
3. ☐ *Begin "Private Lake Treatment" opportunity outreach efforts*
4. ☐ *Prepare, review and distribute Member Outreach materials to be distributed in March*
5. ☐ *Update and execute vegetation treatment contract for Northwest Aquatic Eco-Systems*
6. ☐ *Review SOP for volunteer monitoring program*

March / April (Meeting date: March 29)

1. ☐ *Distribute outreach materials to LMD members relating to 2023 work plan, budget, schedule, and 2022 Treatment Summary Report.*
2. ☐ *Update/acquire supplies for water quality monitoring program*
3. ☐ *Complete training of volunteers for summer water quality monitoring program*
4. ☐ *Submit revised roll of rates and charges to Tumwater Finance Department, as needed*
5. ☐ *Communicate updates to finance for distribution of revised assessment letters.*

May / June (Meeting date: June 14)

1. ☐ *Conduct chemical treatment(s) on lake if possible (dependent on growth & water levels)*
2. ☐ *Contractor to provide floating mats to volunteer property owners for removal, as available.*
3. ☐ *Conduct aerial photo assessment of lake, as conditions permit*
4. ☐ *Review Steering Committee Appointments; announce vacancies as needed*
5. ☐ *Conduct May round of water quality monitoring*
6. ☐ *Conduct June round of water quality monitoring*

July / August

1. ☐ *Conduct shoreline treatment(s) on lake if possible (dependent on growth & water levels)*
2. ☐ *Conduct chemical treatment(s) on lake if possible (dependent on growth & water levels)*
3. ☐ *Conduct July round of water quality monitoring*
4. ☐ *Conduct August round of water quality monitoring*

September / October (Meeting date: October 11)

1. ☐ *Conduct follow-up aerial photo assessment of lake, as conditions permit*
2. ☐ *Deliver "End-of-Season" update outreach materials for LMD Stakeholders via web and US Mail*
3. ☐ *Conduct September round of water quality monitoring*
4. ☐ *Conduct final round of water quality monitoring*
5. ☐ *Update water quality summary report with 2023 data*
6. ☐ *Review permit compliance needs and requirements for 2024*
7. ☐ *Review budgetary needs for 2024*
8. ☐ *Steering Committee's Annual Lake "Walk About"* ***(September 13)***

November / December (Meeting date: November 8)

1. ☐ *Develop 2024 work plan based on 2023 activities, LMD needs and available budget*
2. ☐ *Develop draft Operational budget for 2024*
3. ☐ *Finalize meeting schedule for 2024*
4. ☐ *Annual election of Steering Committee officers – Chair, Vice-Chair, Recorder*

Last Update: 1/25/2023

Expense Budget

Barnes Lake Management District **2022**

PROJECT # 2022005

Administrative		Budget	Actual	$ Balance	%
COT Admin	120.30.538.300.91.01	$ 2,000.00	$ 2,000.00	$ -	0%
Printing / Supplies	120.30.538.300.31.00	$ 350.00	$ -	$ 350	100%
Misc Admin	120.30.538.300.31.00	$ -	$ -	$ -	
Operating		**Budget**	**Actual**	**$ Balance**	**%**
Contract Services	120.30.538.300.41.08	$ 13,770.00	$12,820.25	$ 950	7%
Vegetation Survey & Treatment		$ 7,650.00	$ -		
Floating Mat Management		$ -	$ -		
Admin Services*		$ 6,120.00	$ -		
Public Outreach	120.30.538.300.33.00	$ 500.00	$ -		
Water Quality Monitoring	120.30.538.300.41.08	$ 500.00	$ 238.63	$ 261	
NPDES Permit Fee	120.30.538.300.49.18	$ 725.00	$ 682.00	$ 43	6%
Misc Operating	120.30.538.300.33.00	$ 577.00	$ 333.16	$ 244	42%
Operating Reserve			$ -	$ -	
Total Expenses		**Budget**	**Actual**	**$ Balance**	**%**
		$ 18,422.00	$16,074.04	$ 2,348	13%
Total Income		**Budget**	**Actual**		
Assessments		$ 18,170.25	$18,672.36	$ 502	
Misc Credits		$ -	$ -		
BEGINNING FUND BALANCE		$ 35,811.77	$35,811.77	(confirmed)	
Total Revenue		**$ 53,982.02**	**$54,484.13**		
	Fund Balance	**$ 35,560.02**	**$38,410.09**		

Notes:

MISC Admin includes access agreement assessment waiver, $252.00
2022-10-10: Confirmed 2022 fund balance with Shelly Carter, with adjustments, $35,811.77.

Expenditure Status Report

CITY OF TUMWATER
1/1/2023 through 12/31/2023

120 BARNES LAKE MANAGEMENT DIST.

30 B.L.M. DIST. NO. 2004.01

Account Number	Adjusted Appropriation	Expenditures	Year-to-date Expenditures	Year-to-date Encumbrances	Balance	Prct Used
508.200.00.00 ENDING FUND BALANCE	0.00	0.00	0.00	0.00	0.00	0.00
Total ENDING FUND BALANCE	0.00	0.00	0.00	0.00	0.00	0.00
538.300.31.00 OFFICE SUPPLIES	350.00	0.00	0.00	0.00	350.00	0.00
538.300.33.00 OPERATING SUPPLIES	1,000.00	0.00	0.00	0.00	1,000.00	0.00
Total SUPPLIES	1,350.00	0.00	0.00	0.00	1,350.00	0.00
538.300.41.08 PROFESSIONAL SERVICES	16,500.00	0.00	0.00	0.00	16,500.00	0.00
538.300.49.18 LICENSES, PERMITS & FEES	725.00	0.00	0.00	0.00	725.00	0.00
Total OTHER SERVICES & CHARGES	17,225.00	0.00	0.00	0.00	17,225.00	0.00
538.300.91.01 FINANCIAL RECORDS MGMT. SVC.	2,000.00	0.00	0.00	0.00	2,000.00	0.00
Total INTERFUND PAYMENT FOR SERVICES	2,000.00	0.00	0.00	0.00	2,000.00	0.00
Total BARNES LAKE MANAGEMENT DIST.	20,575.00	0.00	0.00	0.00	20,575.00	0.00
Grand Total	20,575.00	0.00	0.00	0.00	20,575.00	0.00