

MEMORANDUM

TO: RPBCWD Board of Managers
FROM: Joshua Maxwell – Water Resources Coordinator
DATE: March 23rd, 2022
RE: 2022 RPBCWD Lake Vegetation Management

As part of the RPBCWD 10-Year Management Plan, the District manages aquatic invasive vegetation to improve water quality and the overall ecological health of lakes. The District will continue to conduct comprehensive vegetation monitoring and analysis to guide management activities. Management activities will follow all product specifications and will be consistent with state Department of Natural Resources-approved Lake Vegetation Management Plans and guidance from aquatic vegetation experts. Below is a list of proposed herbicide treatments for the District for 2022. The species to be treated include curly leaf pondweed (CLP) and Eurasian watermilfoil (EWM). The proposed treatments were recommended or accepted by MNDNR aquatic invasive species Specialist Keegan Lund, University of Minnesota Professor/Researcher Ray Newman, Stantec, Aquatic Ecologist Joe Bischoff (Barr Engineering), and multiple herbicide applicators. District staff sent out request for quotes for the treatment of District lakes to six herbicide applicators and heard back from four. Of the companies that responded, only PLM Lake and Land Management Corporation and Lake Improvement are authorized by the Procellacor manufacturer to apply this herbicide.

The extent of the proposed 2022 treatments will be adjusted, as necessary, after spring delineations of vegetation growth. Quotes gathered were based on 2021 treatment areas. While, PLM Lake and Land Management Corporation did not submit the lowest quote, its \$46,959 quote (with the Procellacor) is only \$3,760 higher than the Lake Improvement quote, an amount that is offset, in light of PLM’s low quote for the Staring Lake treatment, by the convenience and efficiency of having one firm complete all of RPBCWD’s 2022 aquatic vegetation management treatments.

Lake	Delineation	Herbicide	Acres	PLM	Lake Resto	Aqua Care	Lake Improvement
Red Rock	CLP	Aquathol	13.4				
Mitchell	CLP	Diquat	13				
Lotus	CLP	Diquat	20				
Riley	CLP	Diquat	22.3				
Susan	CLP	Diquat	9				
Riley	EWM	Procellacor	11				
TOTAL without Procellacor							
TOTAL							

Staff recommends to the Board of Managers to move forward with PLM Lake and Land Management Corporation as the herbicide applicator for 2022.

BACKGROUND

Eurasian watermilfoil (EWM) and Curly-leaf pondweed (CLP) are non-native species that can rapidly expand within lakes if not kept in check. Both plants can form dense mats at the water’s surface inhibiting water recreation. They can also overtake habitat and outcompete native aquatic plants, potentially lowering diversity while providing unsuitable shelter, food, and nesting habitat for native animals. CLP also has midsummer die-offs which can litter the shoreline with dead plants and increase nutrients levels within the lake. Both species are spread primarily through the movement of watercraft and water-related equipment. The District has been consistently treating both of these plants across many of the lakes. **Table 1** highlights sections within the RPBCWD’s 10 Year Management Plan that address aquatic vegetation management.

Table 1 – RPBCWD 10 Year Management Plan – Vegetation Management

Chapter 9	Section	Page Number
9.1 Watershed Management	9.1.1.2 Vegetation	9-10
9.5 Data Collection & Analysis	9.5.2.2 Lake Veg & Fisheries	9-30
9.5 Data Collection & Analysis	9.5.4 Plant Restoration	9-32
9.10 Lake Vegetation Management Plan		9-39

DIQUAT TREATMENTS

The herbicide Diquat is the most commonly applied herbicide for the treatment of CLP in Minnesota and has consistently been used within the RPBCWD. It also has a lower potential impact on native species than other herbicides and is the cheapest. Based on historical vegetation monitoring data collected within the District, the following diquat treatments were recommended for CLP: Lotus Lake (20 acres), Mitchell Lake (13 acres), Lake Riley (22.3 acres), and Lake Susan (9 acres). All five lakes were treated within Diquat in 2021. All lakes except for Lake Riley, are near the 15% littoral acreage treatment limit. For Lake Riley, a LVMP was submitted and in the process of being approved by the MNDNR. All communications indicate its finalization will occur.

Table 2 – Red Rock Lake Herbicide Applications from 2015-2021.	
Year	Herbicide Treatment
2015	Endothall: 13 acres
2016	Endothall: 13 acres
2017	Endothall: 13 acres
2018	Diquat: 13 acres
2019	Diquat: 13 acres
2020	Diquat: 13 acres
2021	Diquat: 13 acres

RED ROCK AQUATHOL

The effectiveness of each herbicide can be greatly impacted by many different variables (temperature, wind, flow, lake sediment type, etc.). Treatment of Red Rock Lake with Aquathol was suggested in the update of the 2015 Vegetation Management in Mitchell and Red Rock Lakes Update (Stantec is currently incorporating comments from the City of Eden Prairie for finalization.) **Table 2** shows the herbicide treatments that have occurred yearly in Red Rock Lake since 2015. In recent years, the herbicide used for CLP control in both Mitchell and Red Rock was switched from endothall to diquat due to cost. The benefit of using endothall (Aquathol) is that it targets

both algae and aquatic macrophytes. Because diquat is a contact herbicide, it is often better suited for treated smaller patches of vegetation, while endothall more commonly has lake-wide effects and is better suited for large patches of treatment (Freshwater Scientific Services and MN DNR, personal communication). After five years of herbicide applications, water quality in Red Rock Lake is still degraded by CLP infestations. Based on past use of Aquathol, the use of Aquathol will likely reduce the frequency of herbicide application or at least the amount of herbicide needed to treat CLP moving forward and is recommended.

LAKE RILEY PROCELLACOR

Figure 1 shows the historical EWM frequency of occurrence as identified by the annual point intercept surveys (May/June/July) in Lake Riley. **Figure 1** also indicates the type of treatment that occurred each year. Between 2012 and 2014, Eurasian watermilfoil was observed at 40% to 55% of sampled littoral points. To control for EWM, a 2, 4-D herbicide treatment occurred on 18 June 2015 and 21 June 2016. In 2015, it was applied to 35 acres (14.2 hectares). In 2016, it was applied to 33 acres (13.4 hectares) after delineation took place. Although milfoil was reduced from 57% in June to 28% occurrence in August, the treatment was not as effective as desired. In 2017, granular herbicide treatment was used with an aim for more effective control. Concentrations were also increased slightly. Ten acres (4.0 hectares) were treated with Renovate OTF (triclopyr) and 9.8 acres (4.0 hectares) with Sculpin G (2,4-D). Following the 2017 treatment, a point intercept survey indicated a nearly complete lake-wide control of EWM with frequency of occurrence decreasing from 47% in June to 3% in September. The treatment appeared quite effective, though there is some indication of non-target impacts (**Figure 2**). Point-Intercept sampling in 2018 found EWM at very low frequency of occurrence of 1.1% in July and 2.3% in August despite no treatment in 2018. Eurasian watermilfoil frequency increased slightly in August of 2019 to 8% and further yet in August of 2020 to 10%. In 2021, EWM frequency increased further to 30.1% and requires treatment in 2022 to reduce its abundance and its impact to native species.

The proposed treatment for 2022 is for 11 acres on Lake Riley, which would occur in the southeast corner of the lake. Since Riley was last treated for EWM, PLM has shifted to using Procellacor which is an auxin mimic like 2,4-D and Triclopyr used previously in 2017. Procellacor has a very unique entry point in the plant which requires significantly less exposure time. The results have been successful on other lakes outside the District, and the rates have been refined to achieve multi-year control like the 2,4-D and Triclopyr. The use of Procellacor in a smaller treatment area should reduce the chance of natives impacted as seen in 2017 (**Figure 2**), and it is cheaper than Renovate OTF.

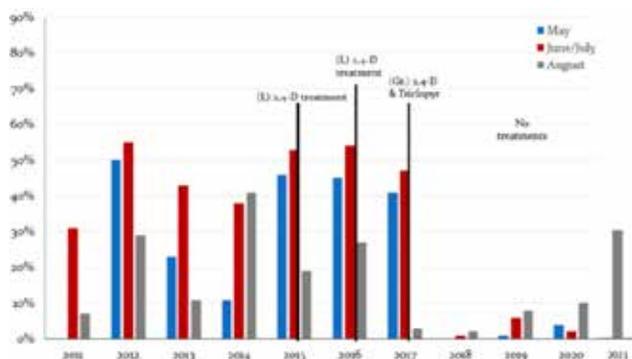


Figure 1 - Lake Riley EWM Frequency of Occurrence from 2011-2021 and Corresponding Herbicide Used.

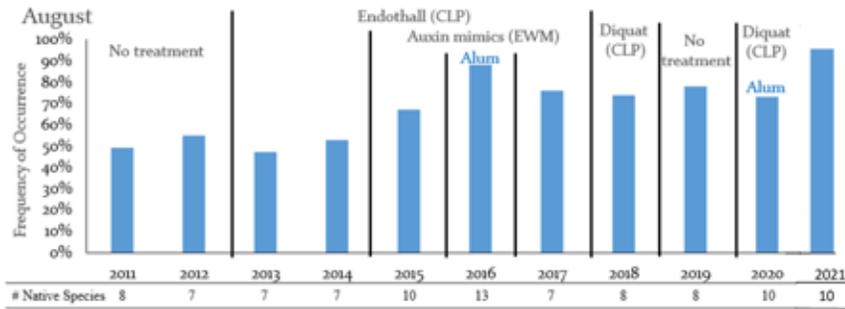


Figure 2 - Lake Riley Native Vegetation Frequency of Occurrence and Species Richness from 2011-2021 and Corresponding Herbicide Used.

Riley Purgatory Bluff Creek Watershed District		
Goals and Strategies Addressed by this Project		
	PROJECT NAME:	2022 RPBCWD Lake Vegetation Management
3.2.2	DATA COLLECTION	
3.2.2.1	<i>Goals</i>	
	DC 1	Collect data and use the best available science to recommend and support management decisions.
3.2.2.2	<i>Strategies</i>	
	DC S2	The District will develop and implement a Monitoring Plan. Collected data may include, but is not limited to: water chemistry, fisheries, macroinvertebrates, water levels, vegetation, planktons, shoreline and streambank inventories, flow data, and climatic data
	DC S3	The District maintains the flexibility to modify its monitoring and data collection programs as necessary to capture the most relevant information. The District will periodically review and update its Monitoring Plan to address emerging contaminants of concern, improved analytical methods, or other developing issues.
	DC S5	The District will monitor District-managed resources for the presence of aquatic invasive species.
	DC S7	The District will analyze data to help inform management decisions.
	DC S8	The District will coordinate its monitoring efforts with other entities to promote efficiency, increase data availability, and to identify and fill data gaps.
3.2.4	PLANNING	
3.2.4.1	<i>Goals</i>	
	Plan 1	Plan and conduct the District’s implementation program to most effectively accomplish its vision with consideration for all stakeholders and resources.
3.2.4.2	<i>Strategies</i>	
	Plan S1	The District will use an adaptive management approach to protect, manage, and restore District- managed resources (see Section 9.1).
	Plan S6	The District will implement projects that address a District-managed resource. The District will prioritize planned projects based on methodology included in Section 4.0 of this Plan, which is based on the following factors: <ul style="list-style-type: none"> • Targeting • District goals • Sustainability • Volume management • Shoreline/streambank restoration and stabilization • Watershed benefits • Partnership opportunities • Public education and access • Habitat restoration
	Plan S7	The District will seek to incorporate ecological, economic, and social benefits into its projects as opportunities allow.
	Plan S9	The District will seek to partner with cities, state agencies, and other entities to implement projects and programs to meet District goals.
3.2.6	WATER RESOURCES	
	WATER QUALITY	
3.2.6.1	<i>Goals</i>	

	WQual 1	Protect, manage, and restore water quality of District lakes and creeks to maintain designated uses.
	WQual 3	Preserve and enhance habitat important to fish, waterfowl, and other wildlife.
3.2.6.2	Strategies	
	HABITAT	
	WQual S8	The District will consider opportunities to incorporate habitat protection, restoration, or improvement elements in District water quality, flood control, and other projects.
	WQual S9	The District will partner with other entities to minimize the spread and reduce the adverse ecological impacts of aquatic invasive species.
	WQual S10	The District will manage non-native aquatic invasive macrophytes to improve water quality and/or habitat in accordance with an approved lake vegetation management plan or as part of a rapid response control project.

RESOLUTION NO. 22-028
Riley-Purgatory-Bluff Creek Watershed District
Board of Managers

Authorizing execution of contract with PLM for 2022 lake-vegetation management

Manager _____ offered the following resolution and moved its adoption, seconded by
Manager _____:

WHEREAS Riley-Purgatory-Bluff Creek Watershed District's 2018 10-Year Watershed Management Plan identifies and allocates funding for implementation of lake-vegetation management as watershed-wide project (Table 9-1);

WHEREAS Lotus Lake, Riley Lake and Lake Susan are listed by the Minnesota Pollution Control Agency as impaired for aquatic recreation because of excessive nutrients, and RPBCWD has assessed proliferation of invasive aquatic macrophyte species (Eurasian water milfoil, curly-leaf pondweed) and monitored water quality in Red Rock Lake, Mitchell Lake, Lotus Lake, Riley Lake and Lake Susan (altogether, the Lakes) and implemented both carp-reduction and vegetation-management strategies in an effort to improve water quality since 2011;

WHEREAS RPBCWD's assessment and analysis of lake water quality and aquatic vegetation community indicate that additional aquatic plant management efforts are warranted to control aquatic invasive macrophyte species growth and thereby reduce the degradation of water quality and promote a diverse native macrophyte community;

WHEREAS RPBCWD has secured or will secure both the right to access each of the Lakes and the necessary approvals from the state Department of Natural Resources for purposes of application of herbicides for aquatic vegetation management; and

WHEREAS to contribute to implementation of the aquatic vegetation management and water-quality goals for the Lakes in the plan, staff solicited quotes for spring 2022 herbicide treatments of the Lakes (the Project), and four quotes were received, though only two included the desired Procellacor treatment. While the Lake Improvement quote was \$3,760 lower than the PLM quote, staff reasons that this less-than-10 percent difference is offset by the convenience and efficiency of having one firm complete all of RPBCWD's 2022 aquatic vegetation management treatments, and notes its confidence in PLM's ability to effectively and correctly manage the tricky application of Procellacor, and staff and Interim Administrator Jeffery recommend the award of the contract to PLM.

NOW THEREFORE BE IT RESOLVED that the RPBCWD Board of Managers authorizes the interim administrator, with advice of counsel, to enter the attached contract, in substantial form, with PLM Lake and Land Management for herbicide treatment of Red Rock Lake, Mitchell Lake, Lotus Lake, Riley Lake and Lake Susan at a total cost not to exceed \$46,959, as finalized with such nonsubstantive changes as are necessary to implement the intent of the managers and the Project; and

BE IT FURTHER RESOLVED that the managers authorize the interim administrator to approval change orders for the Project, not to exceed, in aggregate, 10 percent of the contract cost.

The question was on the adoption of the resolution and there were ____ yeas and ____ nays as follows:

Yea Nay Abstain Absent

CRAFTON
KOCH
PEDERSEN
ZIEGLER

Upon vote, the president declared the resolution _____ on this 6th day of April, 2022.

* * * * *

I, Dorothy Pedersen, secretary of the Riley-Purgatory-Bluff Creek Watershed District, hereby certifies that I have compared the above resolution with the original thereof as the same appears of record and on file with RPBCWD and find the same to be a true and correct transcription thereof, and further that the resolution is in full force and effect on this date, and Resolution 22-028 has not been modified, amended or rescinded since its adoption.

IN TESTIMONY WHEREOF, I set my hand this ____ day of _____, 2022.

Dorothy Pedersen, Secretary

**Exhibit A
Agreement**

**Agreement between
Riley-Purgatory-Bluff Creek Watershed District
PLM Lake and Land Management**

**2022 Herbicide Treatment of Red Rock Lake, Mitchell Lake, Lotus Lake,
Riley Lake and Lake Susan, Hennepin County and Carver County, Minnesota**

This agreement is entered into by the Riley-Purgatory-Bluff Creek Watershed District, a public body with powers set forth at Minnesota Statutes chapters 103B and 103D (RPBCWD), and PLM Lake and Land Management Corp., a private Michigan corporation (Contractor). In consideration of the terms and conditions set forth herein, including mutual consideration, the sufficiency of which is hereby acknowledged, RPBCWD and Contractor agree as follows:

1. Scope of Work

The scope of work includes the following:

- A. Mobilize and demobilize labor, equipment, and materials.
- B. Furnish, deliver, store and apply herbicide to the Red Rock Lake, Mitchell Lake, Lotus Lake, Riley Lake and Lake Susan (the Lakes) to reduce prevalence of curly-leaf pondweed and Eurasian watermilfoil in the lake. Herbicide to be applied, sequence of application and area expected to be treated are specified in Exhibit A, attached to and incorporated into this agreement as a term hereof. Expected treatment areas were determined based on past surveys; final treatment areas will be determined and directed by RPBCWD based on vegetation surveys completed in spring 2022. The herbicide must be applied at weather, temperature and flow conditions as specified by the manufacturer.
- C. Furnish, install and remove all appropriate signage and buoys (if used) in a timely manner.
- D. Restore all land areas directly or indirectly disturbed by the Work.

All work described above must be in accordance with Figures 1-5, attached to this agreement and incorporated herein as a term hereof, showing the lake-access and lake surface area, and the Technical Specifications in Exhibit A. All work described above must be in accordance with Figures 1 through 5, and Figures 1 through 5 are incorporated herein as terms of this agreement, and Figures 1 through 5, along with the specifications in paragraphs 1.A through 1.D above constitute “the Work,” as that term is used herein. The Contract Documents consist of the following:

- Change orders;
- Notice to proceed;
- This agreement;

Contractor's completed quote attached hereto and incorporated herein as Exhibit B;

Figures 1 through 5 and the Technical Specifications attached hereto as Exhibit A.

In the event of conflict between terms in contract documents, priority will be given to the documents in the order above. A term used in a specific contract document will have the meaning given by a specific definition of the term in that document. If there is not a specific definition, the term will be governed by a specific definition in the agreement first specifically defining such term, in the order of precedence stated above.

Contractor will furnish all materials, machinery, equipment, tools, labor and expertise as needed to complete the Work. RPBCWD, at its discretion, in writing may at any time suspend work or amend the contract documents to delete any task or portion thereof. Authorized work by Contractor on a task deleted or modified by RPBCWD will be compensated in accordance with the terms of this agreement generally and sections 6 and 7 specifically.

2. Independent Contractor

Contractor is an independent contractor. Contractor will select the means, method and manner of performing the Work. Nothing herein constitutes Contractor as the agent, representative or employee of RPBCWD in any respect. Personnel performing the Work on behalf of Contractor or a subcontractor will not be considered employees of RPBCWD and will not be entitled to any compensation, rights or benefits of any kind from RPBCWD.

3. Subcontract and Assignment

Contractor will not assign, subcontract or transfer any obligation or interest in this agreement or any of the Work without the written consent of RPBCWD and pursuant to any conditions included in that consent. RPBCWD consent to the subcontracting does not relieve Contractor of its responsibility to perform the Work or any part thereof, nor in any respect its warranty, insurance, indemnification, duty to defend or agreement to hold harmless with respect to the Work. Contractor is responsible to RPBCWD for any subcontractor's conformance to sections 9, 10, 11, 12 and 13 of this agreement in the same manner as those sections bind Contractor.

4. Duty of Care; Delay

Contractor will perform the Work in a proper, workmanlike and good quality manner, with due professional care. Contractor warrants the work for one year from the date of completion.

Contractor will not be entitled to an adjustment in contract price or contract time for delays within the control of Contractor. Delays beyond the control of Contractor will include, but not be limited to, acts or neglect by RPBCWD, acts or neglect of utility owners or other contractors performing other work, fires, floods, epidemics, abnormal weather conditions or acts of God.

5. Indemnification

Contractor will defend, indemnify and hold harmless RPBCWD, its officers, council and board members, employees and agents from any and all actions, costs, damages and liabilities of any nature arising from: (a) Contractor's negligent or otherwise wrongful act or omission, or breach of a specific contractual duty; or (b) a subcontractor's negligent or otherwise wrongful act or omission, or breach of a specific contractual duty owed by Contractor to RPBCWD. For any claim subject to indemnification under this paragraph by an employee of Contractor or a subcontractor, the indemnification obligation is not limited by a limitation on the amount or type of damages, compensation or benefits payable by or for Contractor or a subcontractor under workers' compensation acts, disability acts or other employee benefit acts.

RPBCWD will indemnify, defend and hold harmless Contractor, its officers, employees and agents, from any and all actions, costs, damages and liabilities of any nature to the degree they are the result of any action or inaction by RPBCWD that is the basis for RPBCWD's liability in law or equity.

6. Compensation

RPBCWD will compensate the Contractor on a progress payments basis for completed work and reimburse direct costs in accordance with the agreement, Figure 1 and Exhibits A and B. RPBCWD will pay Contractor for completion of the Work an amount in current funds equal to the sum of the amounts determined pursuant to the Contract Documents generally, and Exhibit B. Estimated quantities are not guaranteed, and determinations of actual quantities and selection of alternates will be made by the RPBCWD administrator, and such determinations will be used to compute the final contract price.

Invoices will be submitted no more frequently than monthly. RPBCWD will pay for undisputed work within 45 days of receipt of invoice.

Contractor warrants that it has examined the Work to the extent necessary to agree to the price of the Work and accepts any increased cost due to site conditions that were foreseeable.

In accordance with Minnesota Statutes section 471.425, subdivision 4a, Contractor will pay any subcontractor within 10 days of Contractor's receipt of payment from RPBCWD for undisputed services provided by the subcontractor. Contractor will pay interest of 1½

percent per month or any part of a month to a subcontractor on any undisputed amount not paid on time to the subcontractor. The minimum monthly interest penalty payment for an unpaid balance of \$100 or more is \$10. For an unpaid balance of less than \$100, Contractor will pay the actual penalty due to the subcontractor.

Contractor will maintain all records pertaining to fees or costs incurred in connection with the Work for six years from the date of completion of the Work. Any authorized RPBCWD representative or representative of the Minnesota State Auditor will have access to and the right to examine, audit or copy any such records during normal business hours.

RPBCWD will not make final payment until Contractor has provided proof of compliance with state income tax withholding requirements pursuant to Minnesota Statutes section 270C.66.

7. Termination; Continuation of Obligations

This agreement is effective upon execution of both parties and will remain so until August 1, 2022, unless earlier terminated as set forth herein. RPBCWD may suspend or terminate this agreement with or without cause, by a written termination notice stating specifically what prior authorized or additional Work it requires Contractor to complete. If the agreement is suspended or terminated for convenience, Contractor will be compensated for all authorized work performed, including reasonable costs for actions directed by RPBCWD to stabilize the site of the Work. If suspension or termination is for cause, Contractor will stabilize the site before vacating, without extra compensation. Contractor will be given a reasonable opportunity to cure before termination for cause.

It is understood and agreed that insurance obligations; warranties and obligations to defend, indemnify and hold harmless; and document-retention requirements survive the completion of the Work and the term of this agreement.

8. Waiver

RPBCWD's failure to insist on Contractor's strict performance of any obligation, condition or provision of this agreement, or to exercise any option, remedy or right herein, will not waive its rights in the future to do so. The waiver of either party on one or more occasion of any provision or obligation of this agreement will not be construed as a waiver of any subsequent breach of the same provision or obligation, and the consent or approval by either party to or of any act by the other requiring consent or approval will not render unnecessary such party's consent or approval to any subsequent similar act by the other.

Notwithstanding any other term herein, the agreement creates no rights in any third party, and RPBCWD waives no tort defense, immunity or liability limit with respect to contractor or any third party.

9. Insurance

At all times during the term of this agreement, Contractor will have and keep in force the following insurance coverage:

- A. General liability: \$1.5 million each occurrence and aggregate, covering contractual liability on an occurrence basis and including standard marine services liability coverage.
- B. Automobile liability: combined single limit each occurrence coverage for bodily injury and property damage covering all vehicles on an occurrence basis, \$1.5 million.
- C. Workers' compensation: in accordance with legal requirements applicable to Contractor.

Contractor will not commence work until it has filed with RPBCWD a certificate of insurance clearly evidencing the required coverage and naming RPBCWD, as an additional insured with primary coverage for general liability on a noncontributory basis, along with a copy of the additional-insured endorsement. The certificate will name RPBCWD as a holder and will state that RPBCWD will receive written notice before cancellation, nonrenewal or a change in the limit of any described policy under the same terms as Contractor. The policy must afford coverage for bodily injury and damage to property of others arising out of the perils of boating accidents and chemical spills.

10. Compliance with Laws; Site Control

Contractor will comply with the laws and requirements of all federal, state, local and other governmental units in connection with performing the Work. Contractor will identify and procure all licenses, permits and other rights and approvals required for the Work, except that RPBCWD has obtained a permit for the Work from the Minnesota Department of Natural Resources, and RPBCWD has obtained authorization from the property owner and/or the Department of Natural Resources, for access for each of the Lakes via the area for each delineated in Figures 1-5, to use the access area for purposes of the Work. Contractor will comply with all local requirements and the terms of this agreement as to traffic, staging, site ingress and egress, work hours and site maintenance.

Contractor is responsible for site conditions relating to worker and public safety, cleanliness and environmental protection and in all other respects.

In its performance of the Work, Contractor will ensure that no person is excluded from full employment rights or participation in or the benefits of any program, service or activity on the ground of race, color, creed, religion, age, sex, disability, marital status, sexual orientation, public assistance status or national origin; and no person who is

protected by applicable federal or state laws, rules or regulations against discrimination otherwise will be subjected to discrimination.

11. Records

All documents and information obtained or generated by Contractor or a subcontractor in performing the Work, including hard and electronic copy, software, and in any other forms in which the materials are contained, documented or memorialized, are the property of RPBCWD.

RPBCWD may immediately inspect, copy or take possession of any such materials on written request to Contractor. Contractor may maintain a copy of any such materials at its expense.

Any document or information supplied to Contractor by RPBCWD or deriving from RPBCWD is given and accepted without representation or warranty including but not limited to a warranty of fitness, merchantability, accuracy or completeness. Absent RPBCWD written approval, Contractor will not use any such document or information other than for performance of the Work. Contractor will not disclose to any third party proprietary material so denominated by RPBCWD.

12. Data Practices; Confidentiality

If Contractor receives a request for data pursuant to the Data Practices Act, Minnesota Statutes chapter 13 (DPA), that may encompass data (as that term is defined in the DPA) Contractor possesses or has created as a result of this contract, it will inform RPBCWD immediately and transmit a copy of the request. If the request is addressed to RPBCWD, Contractor will not provide any information or documents, but will direct the inquiry to RPBCWD. If the request is addressed to Contractor, Contractor will be responsible to determine whether it is legally required to respond to the request and otherwise what its legal obligations are, but will notify and consult with RPBCWD and its legal counsel before replying. Nothing in the preceding sentence supersedes Contractor's obligations under this agreement with respect to protection of RPBCWD data, property rights in data or confidentiality. Nothing in this section constitutes a determination that Contractor is performing a governmental function within the meaning of Minnesota Statutes section 13.05, subdivision 11, or otherwise expands the applicability of the DPA beyond its scope under governing law.

Contractor agrees that it will not disclose and will hold in confidence any and all proprietary materials owned or possessed by RPBCWD and so denominated by RPBCWD. Contractor will not use any such materials for any purpose other than performance of the Work without RPBCWD written consent. This restriction does not apply to materials already possessed by Contractor or that Contractor received on a non-confidential basis from RPBCWD or another party.

13. RPBCWD Property

All property furnished to or for the use of Contractor or a subcontractor by RPBCWD and not fully used in the performance of the Work, including but not limited to equipment, supplies, materials and data, both hard copy and electronic, will remain the property of RPBCWD and returned to RPBCWD at the conclusion of the performance of the Work, or sooner if requested by RPBCWD. Contractor further agrees that any proprietary materials are the exclusive property of RPBCWD and will assert no right, title or interest in the materials. Contractor will not disseminate, transfer or dispose of any proprietary materials to any other person or entity unless specifically authorized in writing by RPBCWD. Any property including but not limited to materials supplied to Contractor by RPBCWD or deriving from RPBCWD is supplied to and accepted by Contractor as without representation or warranty including but not limited to a warranty of fitness, merchantability, accuracy or completeness. However, Contractor's warranty under section 4, above, does not extend to materials provided to Contractor by RPBCWD or any portion of the Work that is inaccurate or incomplete as the result of Contractor's reliance on those materials.

14. Notices

Any written communication to RPBCWD required under this agreement will be directed to Josh Maxwell, Riley-Purgatory-Bluff Creek Watershed District, 18681 Lake Drive East, Chanhassen, MN 55317; jmaxwell@rpbcwd.org.

Written communication to Contractor will be addressed to:

PLM Lake and Land Management Corp.
1511 Maras Street
Shakopee, MN 55379
(651)383-1150 Ext: 3000

15. Choice of Law, Venue and Jurisdiction

This agreement will be construed under and governed by the laws of the State of Minnesota. Venue and jurisdiction for any legal proceedings arising from this agreement, or its breach, or the Work, must be in the appropriate state or federal court with competent jurisdiction in Hennepin County, Minnesota.

16. Whole Contract

The entire agreement between the two parties is contained herein and this agreement supersedes all oral contracts and negotiations relating to the subject matter hereof. RPBCWD may amend this agreement by means of a proper work change order clearly denominated as such. Any other amendment must be signed by both parties.

IN WITNESS WHEREOF, intending to be legally bound, the parties hereto execute and deliver this agreement.

PLM Lake and Land Management Inc.

_____ Date: _____

By _____

Its _____

APPROVED AS TO FORM & EXECUTION

By _____

RPBCWD Counsel

Riley-Purgatory-Bluff Creek Watershed District

_____ Date: _____

Terry Jeffery

Its Interim Administrator

Figures 1 – 5



Figure 1 – Lake Riley Public Boat Launch, Eden Prairie, MN



Figure 2 – Lotus Lake Public Boat Launch, Chanhassen, MN



Figure 3 – Lake Susan Public Boat Launch, Chanhassen, MN



Figure 4 – Mitchell Lake Public Boat Launch, Eden Prairie, MN



Figure 5 – Red Rock Lake Public Boat Launch, Eden Prairie, MN

**Exhibit A
Technical Specifications**

Lake	Delineation	Herbicide	Acres	Avg Depth	Rate	Application Temp Range
Red Rock	CLP	Aquathol	13.4	8.3	9.88 g/ac	between 50 and 60 F
Mitchell	CLP	Diquat	13	7.5	2 g/ac	equal to or less than 60 F
Lotus	CLP	Diquat	20	4	2 g/ac	equal to or less than 60 F
Riley	CLP	Diquat	22.3	6	2 g/ac	equal to or less than 60 F
Susan	CLP	Diquat	9	6	2 g/ac	equal to or less than 60 F
Riley	EWM	Procellacor	11	6	3.5 PDU	Greater than 65F June-July 15th

*PDA - Prescription Dose Units - 0.0052 lb active ingredient or 3.17 fl oz of product

**Exhibit B
Contractor's Completed Quote Form**

not-public data