

2026

NORTHWEST AQUATIC MANAGEMENT



NORTHWEST AQUATIC MANAGEMENT

**Prepared for:
FLMC**

**Prepared by:
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SEPTEMBER 2026

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2026



2026 was a very successful treatment year! During our last site visit on August 18, 2026, our survey showed very low submerged vegetation growth, along with low algae growth throughout the 2026 season.

The water testing results showed very little movement or undetectable soluble reactive phosphorous (SRP) which indicated to us that no additional application is needed. We recommend the same testing protocols for 2027.

Each year will be different based on environmental conditions such as extreme heat and cold, rainfall, wind, etc., however, we do believe that the treatment plan and water testing will remain similar for 2027. Our recommendation at this time is to treat for lily pads and watershield, along with continued treatment of submerged vegetation, which is included in the 2027 estimate.

We've attached your 2027 estimate with this report.

Our team mentioned the addition of aerating fountains for the lake. Do you have a location in mind that you'd like these to be placed? Perhaps in the parks? Are you able to get power to the locations you want fountains?

2026



Water Quality Monitoring Program

Monthly water sample testing, April through September 2026

Water Quality Parameters

Testing focused on key indicators of nutrient dynamics and lake function, including Soluble Reactive Phosphorus (SRP), Total Phosphorus (TP), turbidity (Secchi disk transparency), dissolved oxygen, and temperature profiles by depth

Sediment Depth Testing and Nutrient Loading Evaluation

Using sonar mapping followed by targeted probing allowed us to identify where sediment has accumulated and confirm its depth before considering more intensive or costly evaluations

Field Data Collection

Secchi disk, DO and temperature profiles, visual algae assessments, and photographs

Sample Collection and Laboratory Analysis

Samples collected by Northwest Aquatic Management were submitted to Water Management Laboratories - 1515 80th ST E, Tacoma, WA 98404 - (253) 531-3121

WATER TEST RESULTS

APRIL 2026



1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121



**NORTHWEST AQUATIC
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1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

Chemistry - Report of Analysis

Lab Number / Sample Number: 089 / 02818	Date Collected: 04-29-2026
Project Name: Fawn Lake	Time Collected: 10:12 AM
Permit #:	Sample Collected: Jacob Walker
Sample Matrix: Surface Water	Contact Number: 360-870-4362
Sample Identification: N Basin 1 M Below	
Date Received: 04-29-2026	Approval Signature: 
Time Received: 12:15 PM	
Date Reported: 05-04-2026	
Send Report & Bill to: Northwest Aquatic Management 9727 US-12 Rochester WA 98579	Comments: Sample exceeds 15 minute hold time for Soluble Reactive Phosphorus filtration.

ANALYTICAL RESULTS

ANALYTE	RESULT	UNITS	REPORTING LEVEL	METHOD	DATE ANALYZED	INITIALS
Soluble Reactive Phosphorus as P	<0.010	mg/L	0.010	4500-P B,E	04-30-2026	HL
Total Phosphorus, mixed forms as P	0.015	mg/L	0.010	4500-P B,E	04-30-2026	HL
Nitrate as N	0.28	mg/L	0.20	300.0	04-29-2026	RC

AB COMMENTS

-No existing value.
g/L:micrograms per liter or parts per billion.
NALYTE:The name of an analyte being tested for.
METHOD/INITIALS:Analytical method used. / Initials of the analyst that performed the analysis.
ng/L:milligrams per liter or parts per million.
ITU:Nephelometric turbidity units.
REPORTING LEVEL:Indicates the minimum reporting level determined by the laboratory.
RESULT:The laboratory reported result.

Chemistry - Report of Analysis

Lab Number / Sample Number: 089 / 02819	Date Collected: 04-29-2026
Project Name: Fawn Lake	Time Collected: 10:34 AM
Permit #:	Sample Collected: Jacob Walker
Sample Matrix: Surface Water	Contact Number: 360-870-4362
Sample Identification: S Basin 1 M Below	
Date Received: 04-29-2026	Approval Signature: 
Time Received: 12:15 PM	
Date Reported: 05-04-2026	
Send Report & Bill to: Northwest Aquatic Management 9727 US-12 Rochester WA 98579	Comments: Sample exceeds 15 minute hold time for Soluble Reactive Phosphorus filtration.

ANALYTICAL RESULTS

ANALYTE	RESULT	UNITS	REPORTING LEVEL	METHOD	DATE ANALYZED	INITIALS
Vitrate as N	<0.20	mg/L	0.20	300.0	04-29-2026	RC
Soluble Reactive Phosphorus as P	<0.010	mg/L	0.010	4500-P B,E	04-30-2026	HL
Total Phosphorus, mixed forms as P	0.015	mg/L	0.010	4500-P B,E	04-30-2026	HL

AB COMMENTS

-No existing value.
g/L:micrograms per liter or parts per billion.
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METHOD/INITIALS:Analytical method used. / Initials of the analyst that performed the analysis.
ng/L:milligrams per liter or parts per million.
ITU:Nephelometric turbidity units.
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RESULT:The laboratory reported result.

WATER TEST RESULTS

MAY 2026



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(253) 531-3121

Chemistry - Report of Analysis

Lab Number / Sample Number: 089 / 03534	Date Collected: 05-21-2026
Project Name: Fawn Lake	Time Collected: 10:50 AM
Permit #:	Sample Collected: Jacob Walker
Sample Matrix: Surface Water	Contact Number: 360-870-4362
Sample Identification: N Basin - 1M Below	
Date Received: 05-21-2026	Approval Signature:
Time Received: 2:45 PM	
Date Reported: 05-29-2026	
Send Report & Bill to: Northwest Aquatic Management 9727 US-12 Rochester WA 98579	Comments: Sample exceeds 15 minute hold time for Soluble Reactive Phosphorus filtration.

ANALYTICAL RESULTS

ANALYTE	RESULT	UNITS	REPORTING LEVEL	METHOD	DATE ANALYZED	INITIALS
Nitrate as N	<0.20	mg/L	0.20	300.0	05-21-2026	RC
Soluble Reactive Phosphorus as P	0.016	mg/L	0.010	4500-P B,E	05-22-2026	HL
Total Phosphorus, mixed forms as P	0.016	mg/L	0.010	4500-P B,E	05-22-2026	HL

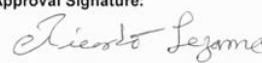
LAB COMMENTS

No existing value.
µL: micrograms per liter or parts per billion.
NALYTE: The name of an analyte being tested for.
METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.
g/L: milligrams per liter or parts per million.
TU: Nephelometric turbidity units.
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Chemistry - Report of Analysis

Lab Number / Sample Number: 089 / 03536	Date Collected: 05-21-2026
Project Name: Fawn Lake	Time Collected: 11:00 AM
Permit #:	Sample Collected: Jacob Walker
Sample Matrix: Surface Water	Contact Number: 360-870-4362
Sample Identification: S Basin - 1M Below	
Date Received: 05-21-2026	Approval Signature:
Time Received: 2:45 PM	
Date Reported: 05-29-2026	
Send Report & Bill to: Northwest Aquatic Management 9727 US-12 Rochester WA 98579	Comments: Sample exceeds 15 minute hold time for Soluble Reactive Phosphorus filtration.

ANALYTICAL RESULTS

ANALYTE	RESULT	UNITS	REPORTING LEVEL	METHOD	DATE ANALYZED	INITIALS
Nitrate as N	<0.20	mg/L	0.20	300.0	05-21-2026	RC
Total Phosphorus, mixed forms as P	0.013	mg/L	0.010	4500-P B,E	05-22-2026	HL
Soluble Reactive Phosphorus as P	<0.010	mg/L	0.010	4500-P B,E	05-22-2026	HL

LAB COMMENTS

No existing value.
µL: micrograms per liter or parts per billion.
NALYTE: The name of an analyte being tested for.
METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.
g/L: milligrams per liter or parts per million.
TU: Nephelometric turbidity units.
REPORTING LEVEL: Indicates the minimum reporting level determined by the laboratory.
RESULT: The laboratory reported result.

WATER TEST RESULTS

JUNE 2026



1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

Chemistry - Report of Analysis

Lab Number / Sample Number: 089 / 04808	Date Collected: 06-26-2026
Project Name: Fawn Lake	Time Collected: 9:30 AM
Permit #:	Sample Collected: Jacob Walker
Sample Matrix: Surface Water	Contact Number: 360-870-4362
Sample Identification: N Basin 1M Below	
Date Received: 06-26-2026	Approval Signature: 
Time Received: 11:14 AM	
Date Reported: 07-13-2026	
Send Report & Bill to: Northwest Aquatic Management 9727 US-12 Rochester WA 98579	Comments: Sample exceeds 15 minute hold time for Soluble Reactive Phosphorus filtration.

ANALYTICAL RESULTS

ANALYTE	RESULT	UNITS	REPORTING LEVEL	METHOD	DATE ANALYZED	INITIALS
Soluble Reactive Phosphorus as P	<0.010	mg/L	0.010	4500-P B,E	06-27-2026	RC
Total Phosphorus, mixed forms as P	0.016	mg/L	0.010	4500-P B,E	07-02-2026	HL
Nitrate as N	<0.20	mg/L	0.20	300.0	06-26-2026	RC

AB COMMENTS

-No existing value.
g/L: micrograms per liter or parts per billion.
NALYTE: The name of an analyte being tested for.
METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.
mg/L: milligrams per liter or parts per million.
ITU: Nephelometric turbidity units.
REPORTING LEVEL: Indicates the minimum reporting level determined by the laboratory.
RESULT: The laboratory reported result.



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Chemistry - Report of Analysis

Lab Number / Sample Number: 089 / 04809	Date Collected: 06-26-2026
Project Name: Fawn Lake	Time Collected: 9:35 AM
Permit #:	Sample Collected: Jacob Walker
Sample Matrix: Surface Water	Contact Number: 360-870-4362
Sample Identification: S Basin 1M Below	
Date Received: 06-26-2026	Approval Signature: 
Time Received: 11:14 AM	
Date Reported: 07-13-2026	
Send Report & Bill to: Northwest Aquatic Management 9727 US-12 Rochester WA 98579	Comments: Sample exceeds 15 minute hold time for Soluble Reactive Phosphorus filtration.

ANALYTICAL RESULTS

ANALYTE	RESULT	UNITS	REPORTING LEVEL	METHOD	DATE ANALYZED	INITIALS
Nitrate as N	<0.20	mg/L	0.20	300.0	06-26-2026	RC
Soluble Reactive Phosphorus as P	<0.010	mg/L	0.010	4500-P B,E	06-27-2026	RC
Total Phosphorus, mixed forms as P	0.016	mg/L	0.010	4500-P B,E	07-02-2026	HL

AB COMMENTS

-No existing value.
g/L: micrograms per liter or parts per billion.
NALYTE: The name of an analyte being tested for.
METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.
mg/L: milligrams per liter or parts per million.
ITU: Nephelometric turbidity units.
REPORTING LEVEL: Indicates the minimum reporting level determined by the laboratory.
RESULT: The laboratory reported result.

WATER TEST RESULTS

JULY 2026

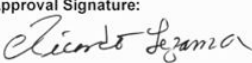


**NORTHWEST AQUATIC
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1515 80th St. E.
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(253) 531-3121

Chemistry - Report of Analysis

Lab Number / Sample Number: 089 / 05444	Date Collected: 07-16-2026
Project Name: Fawn Lake	Time Collected: 9:08 AM
Permit #:	Sample Collected: Jacob Walker
Sample Matrix: Surface Water	Contact Number: 360-870-4362
Sample Identification: N Basin 1 M Below	
Date Received: 07-16-2026	Approval Signature: 
Time Received: 3:00 PM	
Date Reported: 07-24-2026	
Send Report & Bill to: Northwest Aquatic Management 9727 US-12 Rochester WA 98579	Comments: Sample exceeds 15 minute hold time for Soluble Reactive Phosphorus filtration.

ANALYTICAL RESULTS

ANALYTE	RESULT	UNITS	REPORTING LEVEL	METHOD	DATE ANALYZED	INITIALS
Nitrate as N	<0.20	mg/L	0.20	300.0	07-16-2026	RC
Soluble Reactive Phosphorus as P	<0.010	mg/L	0.010	4500-P B,E	07-17-2026	HL
Total Phosphorus, mixed forms as P	0.017	mg/L	0.010	4500-P B,E	07-20-2026	CP

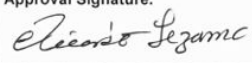
AB COMMENTS

-No existing value.
 µg/L:micrograms per liter or parts per billion.
 ANALYTE:The name of an analyte being tested for.
 METHOD/INITIALS:Analytical method used. / Initials of the analyst that performed the analysis.
 mg/L:milligrams per liter or parts per million.
 NTU:Nephelometric turbidity units.
 REPORTING LEVEL:Indicates the minimum reporting level determined by the laboratory.
 RESULT:The laboratory reported result.



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Chemistry - Report of Analysis

Lab Number / Sample Number: 089 / 05445	Date Collected: 07-16-2026
Project Name: Fawn Lake	Time Collected: 9:12 AM
Permit #:	Sample Collected: Jacob Walker
Sample Matrix: Surface Water	Contact Number: 360-870-4362
Sample Identification: S Basin 1 M Below	
Date Received: 07-16-2026	Approval Signature: 
Time Received: 3:00 PM	
Date Reported: 07-24-2026	
Send Report & Bill to: Northwest Aquatic Management 9727 US-12 Rochester WA 98579	Comments: Sample exceeds 15 minute hold time for Soluble Reactive Phosphorus filtration.

ANALYTICAL RESULTS

ANALYTE	RESULT	UNITS	REPORTING LEVEL	METHOD	DATE ANALYZED	INITIALS
Nitrate as N	<0.20	mg/L	0.20	300.0	07-16-2026	RC
Soluble Reactive Phosphorus as P	<0.010	mg/L	0.010	4500-P B,E	07-17-2026	HL
Total Phosphorus, mixed forms as P	0.018	mg/L	0.010	4500-P B,E	07-20-2026	CP

AB COMMENTS

-No existing value.
 µg/L:micrograms per liter or parts per billion.
 ANALYTE:The name of an analyte being tested for.
 METHOD/INITIALS:Analytical method used. / Initials of the analyst that performed the analysis.
 mg/L:milligrams per liter or parts per million.
 NTU:Nephelometric turbidity units.
 REPORTING LEVEL:Indicates the minimum reporting level determined by the laboratory.
 RESULT:The laboratory reported result.

WATER TEST RESULTS

***AUGUST 2026**



***We will not receive August's test results until early-mid September**

Sediment Depth Testing and Nutrient Loading Evaluation

- Scheduled for August 18, 2026



**NORTHWEST AQUATIC
MANAGEMENT**

**THANK
YOU**