



## **AQUATIC CONSULTING & TESTING, INC.**

1525 W. University Drive, Suite 106  
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Lic. No. AZ0003

08 March 2025

Dobson Ranch HOA  
2719 South Reyes  
Mesa, Arizona 85202

### **February 2025 Lake Report**

The following abbreviated report presents the results of field inspections on the Dobson Ranch lakes for the month of February 2025. This report summarizes data collected under the revised program initiated in 2019 that includes comprehensive testing of one-half of the lakes on a monthly basis from March through October and bi-weekly field inspections twice per month throughout the year. Therefore, this report provides visual inspection and field data for Lakes 1-8 completed during the month. Field sheets for the inspections are also included.

### **February 2025 Report Narrative Summary**

The following pages provide a summary of the monthly survey results. A brief narrative description is provided for each lake.

#### **Lake 1**

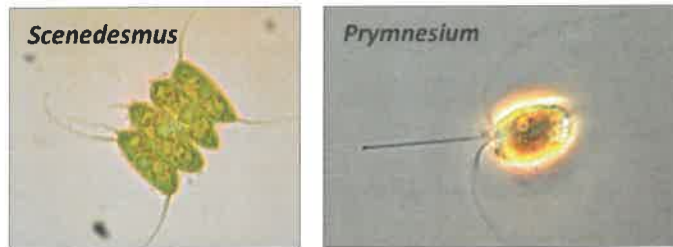
The Lake 1 temperature remained low and ranged from a low of 14.8 C to a high of 16.9 C (59-62 F). Water pH was 8.4 to 8.5 SU indicating low to moderate algae density. Dissolved oxygen (10.6-13.3 mg/L) was satisfactory for the fishery and fish activity appeared normal. Increases in dissolved oxygen concentration frequently occur during winter because of reduced respiration and decomposition rates at colder temperatures and the ability of cold water to hold more dissolved oxygen than warm water. Transparency was improved at over one meter and turbidity ranged from 3.0-3.1 NTU. Fountains were not in service throughout the reporting period.

Waterfowl mean density was about two birds per acre (1.3-2.7/A) which is considered excellent (Arizona Game & Fish Department rating system shown below). No cormorants were noted. Adult midge flies did not appear to produce any nuisance issues to lakeside residents or visitors.

### Waterfowl Density Ranking System (AZG&FD)

No. waterfowl per acre	Ranking
<3	Excellent
3-4	Good
5-6	Fair
>6	Poor

No abnormal algae growth or submerged weeds were observed. The green (Chlorophyta) colony, *Scenedesmus* dominated the phytoplankton. Cell density was very low. No golden algae (*Prymnesium parvum* or related species) were detected.



### Lake 2

The water temperature of Lake 2 was 15.7-16.6 C (60-62 F). Water pH was 8.2 to 8.6 SU indicating probable low to moderate algae density. Dissolved oxygen (10.1-12.3 mg/L) was satisfactory for the fishery and fish activity appeared normal. Transparency was better than one meter and turbidity was typical at 2.3-4.3 NTU. Fountains were in operation.

About three to four waterfowl per acre (3-4/A) were observed and the density is considered good for an urban lake. Adult midge flies did not appear to produce any nuisance issues to lakeside residents or visitors.

No abnormal algae growth or submerged weeds were observed. The dominant alga was *Chlamydomonas*, a green (Chlorophyta) unicell. . Total cell density was low in the lake. No golden algae (*Prymnesium parvum* or related species) were detected.



### Lake 3

Lake temperature range was 16.5-17.4 C (62-63 F). Water pH was 8.4-8.5 SU. Dissolved oxygen concentration ranged from 10.3-13.0 mg/L and remained satisfactory for the fishery. Fish activity appeared normal. Transparency was just slightly less than one meter. Turbidity increased and ranged from 2.5 to 8.7 NTU. Fountains were operating throughout the reporting period.

Waterfowl density was about three birds per acre (3/A); an "excellent" rating. Minimal cormorants were observed. Low numbers of waterfowl was not expected during the

migratory season. Adult midge flies did not appear to produce any nuisance issues o lakeside residents or visitors.

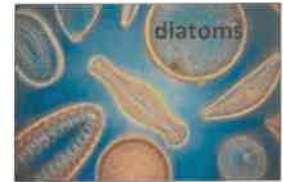
No abnormal algae growth or submerged weeds were observed. Similar to Lakes 1 and 2, *Chlamydomonas* was the dominant alga. Very low total phytoplankton density prevented any problems. No golden algae (*Prymnesium parvum* or related species) were detected.

#### **Lake 4**

The temperature of Lake 4 was 16.1-16.5 C (61-62 F). Water pH was moderate at 8.2-8.4 SU and indicated a low to moderate algae density. Dissolved oxygen (9.5-11.1 mg/L) was satisfactory for the fishery and fish activity appeared normal. Transparency was slightly under one meter and turbidity ranged from 5.3 to 11.0 NTU. Fountains were in operation.

Waterfowl density was two to three per acre (2-3/A) which is considered good. No cormorant issues were reported. Adult midge flies did not appear to produce any nuisance issues to lakeside residents or visitors.

No abnormal algae growth or submerged weeds were observed. An assortment of diatoms dominated the waters. These algae are unlikely to cause any issues. Total phytoplankton density also was relatively low. No golden algae (*Prymnesium parvum* or related species) were detected.



#### **Lake 5**

Lake temperature ranged from 15.9-17.9 C (61-64 F) during the month. Water pH was 8.4-8.6 SU, indicative of a low to moderate algal density. Dissolved oxygen (10.2-11.2 mg/L) was more than satisfactory for the fishery and fish activity appeared normal. Transparency was just under one meter and turbidity ranged from 6.2-6.7 NTU.

Waterfowl density was variable, ranging from 4 to 9 birds per acre (4-9/A); good to poor by the AZG&F ranking system. Few cormorants were observed. Adult midge flies did not appear to produce any nuisance issues to lakeside residents or visitors.

No abnormal algae growth or submerged weeds were observed. The dominant algae were diatoms. The total cell density was very low. No golden algae (*Prymnesium parvum* or related species) were detected.

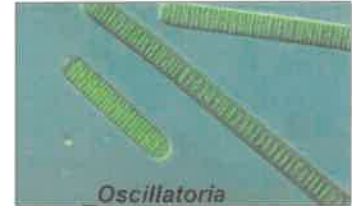
#### **Lake 6**

The temperature of Lake 6 ranged from 15.4-17.6 C (60-64 F) during the reporting period. Water pH was slightly elevated at 8.5-8.8 SU, indicating moderate algae density. Dissolved oxygen (9.1-12.8 mg/L) was more than satisfactory for the fishery and fish

activity appeared normal. Turbidity ranged from 4.3-9.2 NTU during the month and transparency was less than one meter. Data indicate possible increased algal growth.

Waterfowl density was approximately 12-19 birds per acre which is considered poor. Cormorants were occasionally observed. Adult midge flies did not appear to produce any nuisance issues to lakeside residents or visitors.

No abnormal algae growth (other than increased density) or submerged weeds were observed. The dominant alga continued to be the blue-green (Cyanophyta) filament, *Oscillatoria*. The alga can be operationally problematic, but no issues occurred. Golden algae (*Prymnesium parvum* or related species) were not detected.



### Lake 7

Lake temperature ranged from 16.2-16.6 C (61-62 F). Water pH increased to 8.7 to 8.8 SU during the reporting period. Dissolved oxygen ranged from 16.2 to 16.6 mg/L and was more than satisfactory for the fishery. Fish activity appeared normal. Transparency was stable at about one meter, with turbidity of 2.9-3.6 NTU. Fountains were in operation.

Waterfowl density was less than one bird per acre (<1/A); excellent according to the Arizona Game & Fish Department rating system. No cormorants were noted. Adult midge flies did not appear to produce any nuisance issues to lakeside residents or visitors.

The dominant suspended algae in the lake were *Chlamydomonas* and *Oscillatoria*. Density of algae was moderate. The dominant algae make the water somewhat turbid and produced surface scum. Golden algae were not identified in the lake during the reporting period.

### Lake 8

Lake temperatures ranged from 11.2 to 17.9 C (51-64 F) during the month. Water pH rose to 8.6-8.7 SU. Dissolved oxygen concentrations were 8.3-11.2 mg/L and were satisfactory for the fishery. Fish activity appeared normal. Transparency was about one meter and turbidity correspondingly measured 3.3 to 4.5 NTU. Aerators were in operation.

Waterfowl density was about six birds per acre (6/A). The rating would be considered poor based on the Arizona Game & Fish Department rating system. Cormorants were not observed. Adult midge flies did not appear to produce any nuisance issues to lakeside residents or visitors.

No submerged weeds were observed. The phytoplankton was dominated by blue-green filaments of *Oscillatoria* and green unicells of *Chlamydomonas*. The algae can make the water appear turbid and olive green in color. Golden algae were not observed during the reporting period.

**Coming up:**

Lakes 1-4 are scheduled for comprehensive monitoring starting in March. All lakes will be visually inspected and field data collected two times during the month and checked for golden algae weekly during the peak season.

Respectfully:

**Aquatic Consulting & Testing, Inc.**



Frederick A. Amalfi, Ph.D., C.L.M.



## **SUPPORTING DOCUMENTATION**

- Laboratory reports
- Field Inspection Sheets
- Pesticide application documents



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Lic. No. AZ0003

## LABORATORY REPORT

**Client:** Dobson Ranch Association  
2719 South Reyes Road  
Mesa, AZ 85202

**Date Submitted:** 02/06/25  
**Date Reported:** 02/12/25

**Attn:** Fran Pawlak, Executive Director

**Project:** Monthly Lake 1-8 Monitoring

### RESULTS

**Client ID:** Lake 1  
**ACT Lab No.:** CH00697

**Sample Type:** Surface Water  
**Sample Time:** 02/06/25 11:25

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>Result</u>	<u>Unit</u>
	<u>Start</u>	<u>End</u>			
Golden Algae	02/06/25	02/06/25	P/C Microscopy	Absent	Pres/Abs
Turbidity	02/06/25	02/06/25	180.1	3.1	NTU

**Client ID:** Lake 2  
**ACT Lab No.:** CH00698

**Sample Type:** Surface Water  
**Sample Time:** 02/06/25 11:35

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>Result</u>	<u>Unit</u>
	<u>Start</u>	<u>End</u>			
Golden Algae	02/06/25	02/06/25	P/C Microscopy	Absent	Pres/Abs
Turbidity	02/06/25	02/06/25	180.1	2.3	NTU

**Client ID:** Lake 3  
**ACT Lab No.:** CH00699

**Sample Type:** Surface Water  
**Sample Time:** 02/06/25 11:40

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>Result</u>	<u>Unit</u>
	<u>Start</u>	<u>End</u>			
Golden Algae	02/06/25	02/06/25	P/C Microscopy	Absent	Pres/Abs
Turbidity	02/06/25	02/06/25	180.1	2.5	NTU

**Client ID:** Lake 4  
**ACT Lab No.:** CH00700

**Sample Type:** Surface Water  
**Sample Time:** 02/06/25 11:50

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>Result</u>	<u>Unit</u>
	<u>Start</u>	<u>End</u>			
Golden Algae	02/06/25	02/06/25	P/C Microscopy	Absent	Pres/Abs
Turbidity	02/06/25	02/06/25	180.1	5.3	NTU

## RESULTS

**Client ID:** Lake 5  
**ACT Lab No.:** CH00701

**Sample Type:** Surface Water  
**Sample Time:** 02/06/25 11:55

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>Result</u>	<u>Unit</u>
	<u>Start</u>	<u>End</u>			
Golden Algae	02/06/25	02/06/25	P/C Microscopy	Absent	Pres/Abs
Turbidity	02/06/25	02/06/25	180.1	6.2	NTU

**Client ID:** Lake 6  
**ACT Lab No.:** CH00702

**Sample Type:** Surface Water  
**Sample Time:** 02/06/25 12:05

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>Result</u>	<u>Unit</u>
	<u>Start</u>	<u>End</u>			
Golden Algae	02/06/25	02/06/25	P/C Microscopy	Absent	Pres/Abs
Turbidity	02/06/25	02/06/25	180.1	4.3	NTU

**Client ID:** Lake 7  
**ACT Lab No.:** CH00703

**Sample Type:** Surface Water  
**Sample Time:** 02/06/25 12:10

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>Result</u>	<u>Unit</u>
	<u>Start</u>	<u>End</u>			
Golden Algae	02/06/25	02/06/25	P/C Microscopy	Absent	Pres/Abs
Turbidity	02/06/25	02/06/25	180.1	3.6	NTU

**Client ID:** Lake 8  
**ACT Lab No.:** CH00704

**Sample Type:** Surface Water  
**Sample Time:** 02/06/25 12:15

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>Result</u>	<u>Unit</u>
	<u>Start</u>	<u>End</u>			
Golden Algae	02/06/25	02/06/25	P/C Microscopy	Absent	Pres/Abs
Turbidity	02/06/25	02/06/25	180.1	3.3	NTU

Reviewed by: \_\_\_\_\_

  
**Frederick A. Amalfi, Ph.D.**  
**Laboratory Director**

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 480-921-8044 fax: 480-921-0049  
 lab@aquaticconsulting.com

**Chain of Custody**

**Client Project Info:**

Lake 1-8 Monthly Monitoring  
 Dobson Ranch Association

**AC&T Client Reporting Information:**

Dobson Ranch Association  
 2719 South Reyes  
 Mesa, AZ 85202  
 Attn: Fran Paqwlak, Community Manager  
 P: 480-831-8314  
 E:

**AC&T Sampler:**

Sample Location ID:	Date:	Time:	Matrix:
Lake 1	2/6/25	11:25	SW
Lake 2	1/35	11:35	SW
Lake 3	1/40	11:40	SW
Lake 4	1/50	11:50	SW
Lake 5	1/55	11:55	SW
Lake 6	1/05	12:05	SW
Lake 7	1/10	12:10	SW
Lake 8	1/15	12:15	SW

Field Measurements:	Ammonia (NH3)	TKN-Elec	NO3+NO2	E. Coll	#Chl/Pheo	Algae - ID + #	Golden algae	Turb	pH, Temp, O2
							X	X	
							X	X	
							X	X	
							X	X	
							X	X	
							X	X	
							X	X	
							X	X	

Sample Containers # / Preservation:	None Preserved	NA2S2O3 (Sterile)	HNO3 (Nitric)	H2SO4 (Sulfuric)	Lugols	Other	AC&T Laboratory Sample Identification
	1						CH00697
	1						CH00698
	1						CH00699
	1						CH00700
	1						CH00701
	1						CH00702
	1						CH00703
	1						CH00704

Project Location:	A C & T Sample Receipt:		1. RELINQUISHED BY:		3. RELINQUISHED BY:	
Dobson Ranch	Total # Containers:	16	Signature:	<i>Andrew Murrett</i>		Signature:
PO#:	Received Intact:	YES <input checked="" type="radio"/> NO <input type="radio"/>	Print Name:	Andrew Murrett		Print Name:
Lakes Contract	# Bottles Preserved:	0	Date:	2/6/25	Time:	12:35
Notes:	Samples On Ice:	YES <input checked="" type="radio"/> NO <input type="radio"/>	Signature:	Ba		Signature:
	Ice Type:	WET <input checked="" type="radio"/> BLUE <input type="radio"/>	Print Name:	Brandon		Print Name:
	Sample Receipt Temperature:	16°C	Date:	2/6/25	Time:	12:35

-009



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## GOLDEN ALGAE REPORT

**Client:** Dobson Ranch Association  
2719 South Reyes Road  
Mesa, AZ 85202

**Date Submitted:** 02/20/25  
**Date Reported:** 02/26/25

**Attn:** Executive Director

**Project:** Monthly Lake 1-8 Monitoring

### RESULTS

**Client ID:** Lake 1  
**ACT Lab No.:** CH00947

**Sample Type:** Surface Water  
**Sample Time:** 02/20/25 12:00

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>MRL</u>	<u>Result</u>	<u>Unit</u>	<u>Analyst</u>
	<u>Start</u>	<u>End</u>					
Golden Algae	02/20/25	02/20/25	P/C Microscopy	1	Absent	Pres/Abs	FAA
Turbidity	02/20/25	02/20/25	180.1	0.1	3.0	NTU	MJ

**Client ID:** Lake 2  
**ACT Lab No.:** CH00948

**Sample Type:** Surface Water  
**Sample Time:** 02/20/25 11:50

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>MRL</u>	<u>Result</u>	<u>Unit</u>	<u>Analyst</u>
	<u>Start</u>	<u>End</u>					
Golden Algae	02/20/25	02/20/25	P/C Microscopy	1	Absent	Pres/Abs	FAA
Turbidity	02/20/25	02/20/25	180.1	0.1	4.3	NTU	MJ

**Client ID:** Lake 3  
**ACT Lab No.:** CH00949

**Sample Type:** Surface Water  
**Sample Time:** 02/20/25 11:45

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>MRL</u>	<u>Result</u>	<u>Unit</u>	<u>Analyst</u>
	<u>Start</u>	<u>End</u>					
Golden Algae	02/20/25	02/20/25	P/C Microscopy	1	Absent	Pres/Abs	FAA
Turbidity	02/20/25	02/20/25	180.1	0.1	8.7	NTU	MJ

## RESULTS

Client ID: Lake 4  
ACT Lab No.: CH00950

Sample Type: Surface Water  
Sample Time: 02/20/25 11:35

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>MRL</u>	<u>Result</u>	<u>Unit</u>	<u>Analyst</u>
	<u>Start</u>	<u>End</u>					
Golden Algae	02/20/25	02/20/25	P/C Microscopy	1	Absent	Pres/Abs	FAA
Turbidity	02/20/25	02/20/25	180.1	0.1	11.0	NTU	MJ

Client ID: Lake 5  
ACT Lab No.: CH00951

Sample Type: Surface Water  
Sample Time: 02/20/25 11:25

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>MRL</u>	<u>Result</u>	<u>Unit</u>	<u>Analyst</u>
	<u>Start</u>	<u>End</u>					
Golden Algae	02/20/25	02/20/25	P/C Microscopy	1	Absent	Pres/Abs	FAA
Turbidity	02/20/25	02/20/25	180.1	0.1	6.7	NTU	MJ

Client ID: Lake 6  
ACT Lab No.: CH00952

Sample Type: Surface Water  
Sample Time: 02/20/25 11:10

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>MRL</u>	<u>Result</u>	<u>Unit</u>	<u>Analyst</u>
	<u>Start</u>	<u>End</u>					
Golden Algae	02/20/25	02/20/25	P/C Microscopy	1	Absent	Pres/Abs	FAA
Turbidity	02/20/25	02/20/25	180.1	0.1	9.2	NTU	MJ

Client ID: Lake 7  
ACT Lab No.: CH00953

Sample Type: Surface Water  
Sample Time: 02/20/25 11:00

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>MRL</u>	<u>Result</u>	<u>Unit</u>	<u>Analyst</u>
	<u>Start</u>	<u>End</u>					
Golden Algae	02/20/25	02/20/25	P/C Microscopy	1	Absent	Pres/Abs	FAA
Turbidity	02/20/25	02/20/25	180.1	0.1	2.9	NTU	MJ

## RESULTS

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Client ID: Lake 8  
ACT Lab No.: CH00954

Sample Type: Surface Water  
Sample Time: 02/20/25 10:50

<u>Parameter</u>	<u>Analysis Date</u>		<u>Method No.</u>	<u>MRL</u>	<u>Result</u>	<u>Unit</u>	<u>Analyst</u>
	<u>Start</u>	<u>End</u>					
Golden Algae	02/20/25	02/20/25	P/C Microscopy	1	Absent	Pres/Abs	FAA
Turbidity	02/20/25	02/20/25	180.1	0.1	4.5	NTU	MJ

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### Explanation of Terms:

Absent = No golden algae\* were detected in the submitted sample.

Present 1 = Golden algae\* were detected, but rarely observed in the submitted sample.

Present 2 = Golden algae\* were detected and commonly observed in the submitted sample.

Present 3 = Golden algae\* were detected and were the dominant algae in the submitted sample.

\**Prymnesium parvum* or toxin producing related species.

*ba*

Reviewed by: \_\_\_\_\_  
**Frederick A. Amalfi, Ph.D.**  
**Laboratory Director**

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**AC&T Client Reporting Information:**

Dobson Ranch Association  
 2719 South Reyes  
 Mesa, AZ 85202  
 Attn: Fran Paqwlak, Community Manager  
 P: 480-831-8314

E:

**AC&T Sampler:** *Am*

Sample Location ID:	Date:	Time:	Matrix:
Lake 1	2/20/25	1200	SW
Lake 2		1150	SW
Lake 3		1145	SW
Lake 4		1135	SW
Lake 5		1125	SW
Lake 6		1110	SW
Lake 7		1100	SW
Lake 8		1050	SW

Field Measurements:	Turb	Golden algae	Algae - ID + #	#Chl/Phco	E. Coll	Ammonia (NH3)	TKN-Elec	NO3+NO2	P-T
pH, Temp, O2	X	X	X	X	X	X	X	X	X

Sample Containers # / Preservation:	None Preserved	N+ZS203 (Sterile)	HNO3 (Nitric)	H2SO4 (Sulfuric)	Lugols	Other:
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1

**AC&T Laboratory Sample Identification**

CH00947  
 CH00948  
 CH00949  
 CH00950  
 CH00951  
 CH00952  
 CH00953  
 CH00954

Project Location:	A C & T Sample Receipt:		1. RELINQUISHED BY:		3. RELINQUISHED BY:	
Dobson Ranch	Total # Containers:	16	Signature:	<i>Andrew Murvet</i>	Signature:	
PO#:	Received intact:	YES <input checked="" type="radio"/> NO <input type="radio"/>	Print Name:	Andrew Murvet	Print Name:	
Lakes Contract	# Bottles Preserved:	Non: 16	Date:	2/20/25	Date:	
Notes:	Samples On Ice:	YES <input checked="" type="radio"/> NO <input type="radio"/>	Time:	1230	Time:	
	Ice Type:	WET <input checked="" type="radio"/> BLUE <input type="radio"/>	Signature:	BA	Signature:	
	Sample Receipt Temperature:	18°C	Print Name:	BRANDON	Print Name:	
			Date:	2/20/25	Date:	
			Time:	1230	Time:	

~013

# DOBSON RANCH LAKES Bi-Monthly Lake Inspection

Date: 2/6/25

By: Am

Lake	Temp	Dis. oxygen	pH	Clarity	Algae	Submerged weeds	Fish behavior	Waterfowl density	Insect activity	Mechanical issues
1	<u>14.8</u>	<u>13.3</u> mg/L	<u>8.4</u> su	SDz <u>3.7</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>27</u> No/A <u>17</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	<del>Fountain</del> <input checked="" type="checkbox"/> Operating <input type="checkbox"/> No service
2	<u>15.7c</u>	<u>12.3</u> mg/L	<u>8.7</u> su	SDz <u>0.3</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>17</u> No/A <u>2.8</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	Fountain <input checked="" type="checkbox"/> Operating <input type="checkbox"/> No service
3	<u>15.4c</u>	<u>13.0</u> mg/L	<u>8.4</u> su	SDz <u>2.5</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>11</u> No/A <u>2.7</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	Fountain <input checked="" type="checkbox"/> Operating <input type="checkbox"/> No service
4	<u>16.5c</u>	<u>11.1</u> mg/L	<u>8.4</u> su	SDz <u>5.3</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>9</u> No/A <u>3.0</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	Fountain <input checked="" type="checkbox"/> Operating <input type="checkbox"/> No service
5	<u>15.9c</u>	<u>11.2</u> mg/L	<u>8.4</u> su	SDz <u>6.2</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>37</u> No/A <u>9.2</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	
6	<u>15.4c</u>	<u>12.9</u> mg/L	<u>8.8</u> su	SDz <u>4.3</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>116</u> No/A <u>19.3</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	
7	<u>16.7c</u>	<u>11.9</u> mg/L	<u>8.7</u> su	SDz <u>3.6</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>28</u> No/A <u>&lt;1</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	Fountain <input checked="" type="checkbox"/> Operating <input type="checkbox"/> No service
8	<u>11.8c</u>	<u>11.7</u> mg/L	<u>8.7</u> su	SDz <u>3.3</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>14</u> No/A <u>5.6</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	Aerators <input checked="" type="checkbox"/> Operating <input type="checkbox"/> No service

Notes and recommendations for treatment/operation:

1) out

**DOBSON RANCH LAKES**  
**Bi-Monthly Lake Inspection**

Date: 2/20/25  
 By: APM

Lake	Temp	Dis. oxygen	pH	Clarity	Algae	Submerged weeds	Fish behavior	Waterfowl density	Insect activity	Mechanical issues
1	<u>16.9c</u>	<u>10.6</u> mg/L	<u>8.5</u> SU	SDz <u>3.0</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating <input type="checkbox"/> Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>2.1</u> No/A <u>1.0</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	Fountain <input checked="" type="checkbox"/> Operating <input type="checkbox"/> No service
2	<u>16.6c</u>	<u>10.1</u> mg/L	<u>8.6</u> SU	SDz <u>4.3</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating <input type="checkbox"/> Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>2.5</u> No/A <u>4.2</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	Fountain <input checked="" type="checkbox"/> Operating <input type="checkbox"/> No service
3	<u>17.4c</u>	<u>10.3</u> mg/L	<u>8.5</u> SU	SDz <u>8.7</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating <input type="checkbox"/> Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>1.1</u> No/A <u>2.7</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	Fountain <input checked="" type="checkbox"/> Operating <input type="checkbox"/> No service
4	<u>16.7c</u>	<u>9.5</u> mg/L	<u>8.4</u> SU	SDz <u>11.0</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating <input type="checkbox"/> Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>1.7</u> No/A <u>2.3</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	Fountain <input checked="" type="checkbox"/> Operating <input type="checkbox"/> No service
5	<u>17.9c</u>	<u>10.7</u> mg/L	<u>8.6</u> SU	SDz <u>6.7</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating <input type="checkbox"/> Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>2.1</u> No/A <u>4.3</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	
6	<u>17.6c</u>	<u>9.1</u> mg/L	<u>8.5</u> SU	SDz <u>9.2</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating <input type="checkbox"/> Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>2.2</u> No/A <u>12.0</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	
7	<u>16.6c</u>	<u>10.4</u> mg/L	<u>8.8</u> SU	SDz <u>2.9</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating <input type="checkbox"/> Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>2.9</u> No/A <u>&lt;1</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	Fountain <input checked="" type="checkbox"/> Operating <input type="checkbox"/> No service
8	<u>17.9c</u>	<u>8.3</u> mg/L	<u>8.6</u> SU	SDz <u>4.5</u> NTU	<input type="checkbox"/> Suspended <input type="checkbox"/> Floating <input type="checkbox"/> Bottom <input type="checkbox"/> Attached	<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Distress <input type="checkbox"/> Dead	No. <u>1.4</u> No/A <u>5.6</u>	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Infestation	Aerators <input checked="" type="checkbox"/> Operating <input type="checkbox"/> No service

Notes and recommendations for treatment/operation:

#1 Fountain out