

# Lake Monitoring 2026

Prepared for Park Charles  
by Gateway Lake Management LLC



## Weatherby Pond

### Observations

This month has the pond increasing in temperature to 67F. That along with more daylight hours will open the window to vegetation growth. So far this pond has a minor amount of filamentous algae on rocks. Pollen can be seen in wind blown areas. Water parameters are normal.



Weatherby Pond

### Visit Details

Visit Date	May 1, 2026
Visit Number	3
Sample Collected	9:25 a.m.
Weather Conditions	Sunny
Air Temperature	53°F

Parameter	Value	Units
Water Temperature	67°	F
pH	8.0	n/a
Alkalinity	117	mg/l
Hardness	170	mg/l
Ammonia Nitrogen	.05	mg/l
Nitrate	0	mg/l
Nitrate	0	mg/l
Dissolved Oxygen	6.2	mg/l
TDS	371	ppm
Conductivity	488	µs/cm
Secchi	2	ft

Note: The water test results above are not evaluated by an accredited or certified laboratory. Water chemistry can vary day to day with weather conditions and site conditions.

# Lake Monitoring 2026

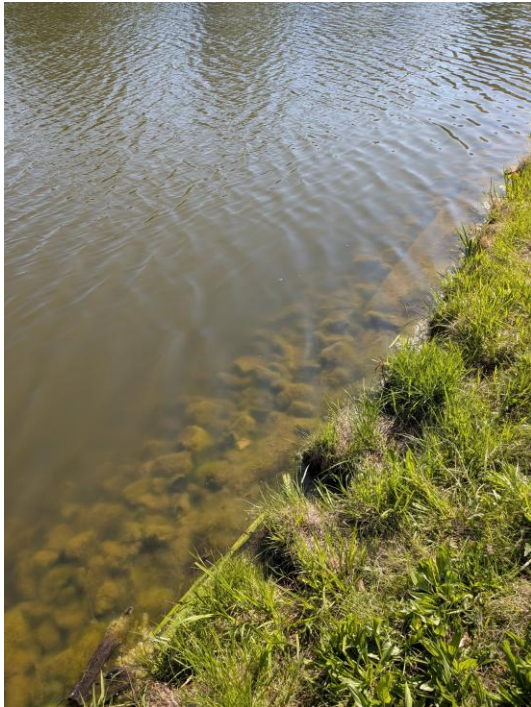
Prepared for Park Charles  
by Gateway Lake Management LLC



## Pershing Lake

### Observations

Lake Pershing was the best looking and had the best water quality. Minor filamentous algae on rocks on the bottom. Good water clarity with a 3 foot Secchi. No submersed weeds were detected on any of the lakes with the throw rake.



Pershing Lake

### Visit Details

Visit Date	May 1, 2026
Visit Number	3
Sample Collected	9:47 a.m.
Weather Conditions	Sunny
Air Temperature	54°F

Parameter	Value	Units
Water Temperature	67°	F
pH	8.4	n/a
Alkalinity	98	mg/l
Hardness	140	mg/l
Ammonia Nitrogen	.03	mg/l
Nitrate	0	mg/l
Nitrate	0	mg/l
Dissolved Oxygen	6.5	mg/l
TDS	331	ppm
Conductivity	508	µs/cm
Secchi	3	ft

Note: The water test results above are not evaluated by an accredited or certified laboratory. Water chemistry can vary day to day with weather conditions and site conditions.

# Lake Monitoring 2026

Prepared for Park Charles  
by Gateway Lake Management LLC



## Superior Pond

### Observations

Superior has a light planktonic bloom coming on (as seen in picture). If you look very closely it will appear like tiny blades of grass suspended in the water column. Most likely caused by the fertilizer runoff from spring rains. These will come and go with temperature and runoff changes. Overall parameters are in good shape.



Superior Pond

### Visit Details

Visit Date	May 1, 2026
Visit Number	3
Sample Collected	10:08 a.m.
Weather Conditions	Sunny
Air Temperature	54°F

Parameter	Value	Units
Water Temperature	66°	F
pH	8.0	n/a
Alkalinity	105	mg/l
Hardness	160	mg/l
Ammonia Nitrogen	0	mg/l
Nitrate	0	mg/l
Nitrate	0	mg/l
Dissolved Oxygen	6.6	mg/l
TDS	257	ppm
Conductivity	391	µs/cm
Secchi	2	ft

Note: The water test results above are not evaluated by an accredited or certified laboratory. Water chemistry can vary day to day with weather conditions and site conditions.